

# T20

# The Collection



TARGETTI



**TARGETTI**

Us, Targetti

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# Indoor



## Recessed

Linear recessed



82  
LOGICO

Recessed



94  
THREESIXTY



106  
CCTLED  
Smart-Tech-Feel



117  
CCTLED  
Deep



118  
CCTLED  
Wall Washer



124  
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Mini



124  
CCTLED  
Mini WW



126  
CCTLED  
Micro



128  
CCT Flash



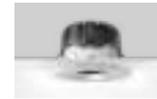
132  
CCTLED Arch.  
Fix



138  
CCTLED Arch.  
Adj



141  
CCTLED Arch.  
HP Adj



151  
CCTLED Arch.  
Mini fix



152  
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Micro



160  
OZ  
Stand alone



176  
STORE



192  
ZENO Small



196  
CLOUD



208  
COZY



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212  
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OTTO  
Semi Recessed



219  
OTTO  
Recessed



## Projectors

Track projectors



222  
ZENO



236  
LABEL 230V



242  
STORE



254  
LEDÒ



266  
RAY



278  
EUROSTANDARD  
Plus

Surface projectors



284  
JEDI  
Compact



292  
ZENO



296  
VOLTA



302  
CORO



324  
OTTO  
Base



328  
OTTO  
Multi - Optic



## Systems

Systems  
48V



332  
OZ



358  
FORTYEIGHT

Systems  
230V



376  
LOGICO



## Ceiling and Suspensions luminaires

Linear  
Ceiling and  
Suspensions  
luminaires



436  
ISO



442  
OMEGA



448  
LOGICO



456  
CARTESIO



460  
DIVA



464  
SLIM

Ceiling and  
Suspensions  
luminaires



468  
MINIMINIMA



470  
OZ Sand alone



476  
THREESIXTY



488  
PANTHEON



494  
CCTLED  
Pendant



496  
CCTLED  
Tube



506  
BEBOP



508  
GLOBO



510  
WASABI



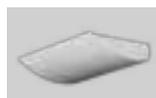
512  
DECANTER



514  
MONETA



## Wall mounted luminaires



518  
FLOOD



520  
HALL



522  
SLIM



524  
MINIMINIMA



526  
MONETA



528  
BRAQUE



530  
BOTTONE



532  
OSIRIDE



538  
PROFESSIONAL

# Outdoor



## Inground recessed

Linear  
inground  
recessed



544  
JEDI



556  
JEDI Compact



570  
MERCURE

Inground  
recessed



578  
KEPLERO



593  
KEPLERO MINI



602  
TITANO



604  
JUPITER



614  
SATURN



620  
LED.Y



## Projectors

Linear  
projectors



630  
JEDI



642  
JEDI Compact

Projectors



656  
DART



674  
PYROS



688  
JUPITER pro



699  
JUPITER



702  
LED.Y



## Wall recessed



708  
ZEDGE PRO



719  
ZEDGE Line



719  
ZEDGE Opal



722  
ZEDGE



## Surface luminaires



730  
MR SMITH



737  
MRS SMITH



740  
FEBO EVO



728  
Q-BO



746  
STILO



758  
HOCKEY



## Bollards



762  
MR. BO



768  
CHIODINO



772  
STILO



776  
ZEDGE Bollard



# The Group

# 3F Filippi and Targetti, two companies that have shaped the history of lighting in Italy are now a cohesive Group acting as sole partner for lighting professionals and designers looking for quality solutions.

With extensive experience and the combination of their respective expertise in technical and architectural lighting the two brands together provide a complete portfolio of products that proudly bring Made in Italy to more than 50 countries worldwide.

Today the 3F Filippi-Targetti Group can meet and satisfy any kind of design and project requirements. Our partners can choose from a huge selection of products and solutions; from high-tech and functional products from the 3F Filippi catalogue to indoor and outdoor architectural lighting fixtures designed by Targetti, right up to a wide range of LED lamps and fixtures from the Duralamp brand.



**Us, Targetti**

## A workshop to light the world

**We started in 1928.  
Since then we at Targetti  
have never stopped  
designing and creating  
indoor and outdoor  
architectural light fixtures.**

For almost a century our products, which are synonymous with innovation, research and attention to detail, have been lighting the most prestigious architectural and artistic works, creating extraordinary atmospheres and evoking real emotions.

Our appearance and identity today are the result of the experience and professionalism we have gained over time, which we want to share with our partners and put at the service of the quality of the environment we live in through our passion for light





Targetti Headquarters Florence  
New Hub TH01 - 2018.



**Our  
ideas**

## Our essential vocabulary with the words we cannot do without

### ↘ **Light**

Light is our raw material, an essential tool and the focus of the work we do. An impalpable and magic element that designs shapes and animates spaces. To us its language is technical refinement, scientific precision as well as a feeling, an atmosphere and the possibility to dress a space up with emotions.





# Intuition

Intuition as our main purpose, as an awareness that makes it possible to glimpse a direction for the future, as a spark of genius that continues to make us pioneers in defining new standards.

**At left** Infinitree - Lighting installation designed for Targetti by DPA Lighting UK Darc awards London, UK - 2018.  
**On this page** Together  
Lighting installation designed for Targetti by DPA Lighting UK Darc Awards London, UK - 2019







## Dialogue



Listening, welcoming stimulus, sharing knowledge and experience. Dialogue is a mind that is open to outside influences, continual exchanges of ideas with partners, multidisciplinary attention and a heart that is always ready to take on new challenges.

Photographer: Romainv

## ↘ Innovation

Three infinite concepts we are very fond of: progressing, evolving and changing. In a word innovation. The courage to lead the way with the passion and the amazed and curious perspective of someone who knows they still have a long way to go.









## Design

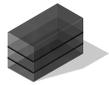
Every single one of our products has always epitomised the essence of who we are: essential and discrete shapes and excellent performance in recognisable designs that are within everyone's reach. Beauty, functionality and simplicity.



# Worldwide

Global presence and local networks: our partners can reach us easily. The solutions we provide are versatile and can meet the needs of designers from all corners of the world.

## Legend



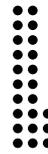
Production plan



Subsidiary



Employee



23



2

Headquarter

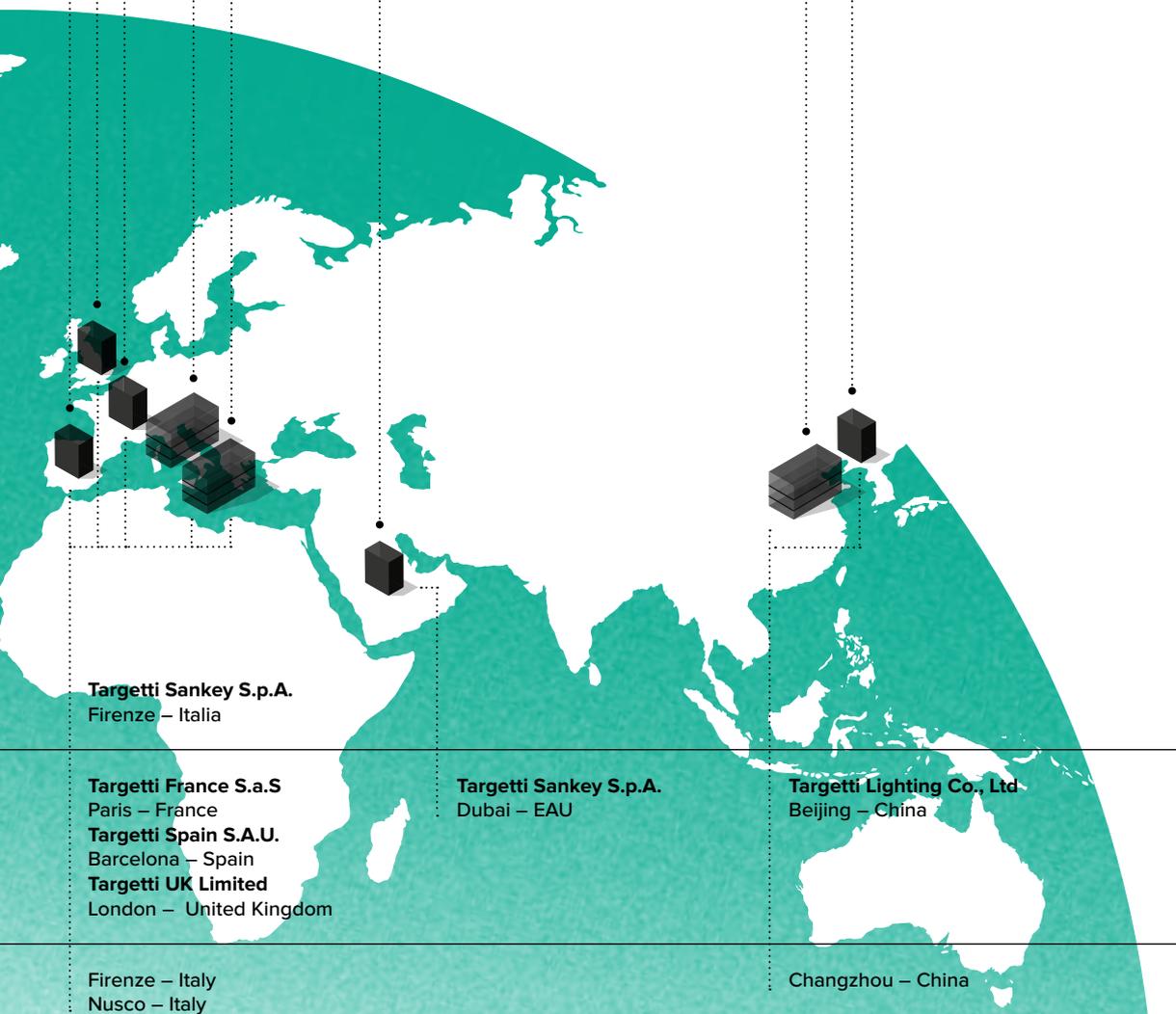
Subsidiaries and Sales Offices

Production plans

**Targetti USA, Inc.**  
Costa Mesa, California – USA

**Targetti Latin America**  
Cali – Colombia

Costa Mesa, California – USA



**Targetti Sankey S.p.A.**  
Firenze – Italia

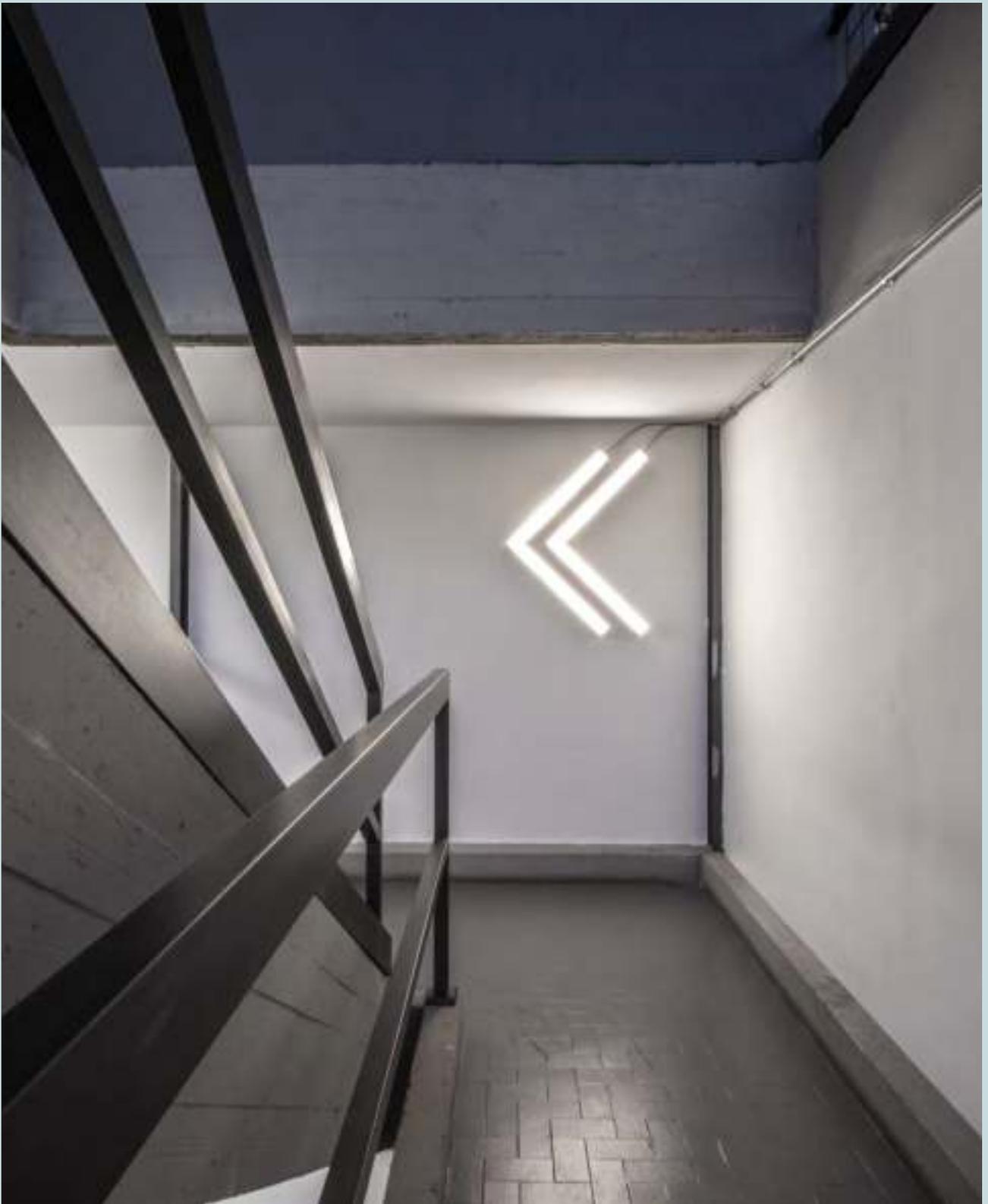
**Targetti France S.a.S**  
Paris – France  
**Targetti Spain S.A.U.**  
Barcelona – Spain  
**Targetti UK Limited**  
London – United Kingdom

**Targetti Sankey S.p.A.**  
Dubai – EAU

**Targetti Lighting Co., Ltd**  
Beijing – China

Firenze – Italy  
Nusco – Italy

Changzhou – China



**We love  
research**

The flash of inspiration appears only  
after travelling a long way

## We are constantly on the lookout for new ideas.

Research is a fundamental part of the work we do and an indispensable part of our DNA: new technology, extraordinary ways of applying existing ones, more efficient lamps and new shapes and forms for optical systems. We do all of this because we want to share the ideas and original insights we produce every day

in our products. Our projects are based on continuous dialogue with professionals in the industry and specialised partners that start out as pure visions which are then shared, processed and adapted until they are turned into concrete results. This is the way we create tools that are capable of shining a better light on the market.



**Always  
innovating**

# Pushing the limits of imagination and technology forward

## Innovating is a watchword for us.

At left Photographer: Guilherme Stecanella

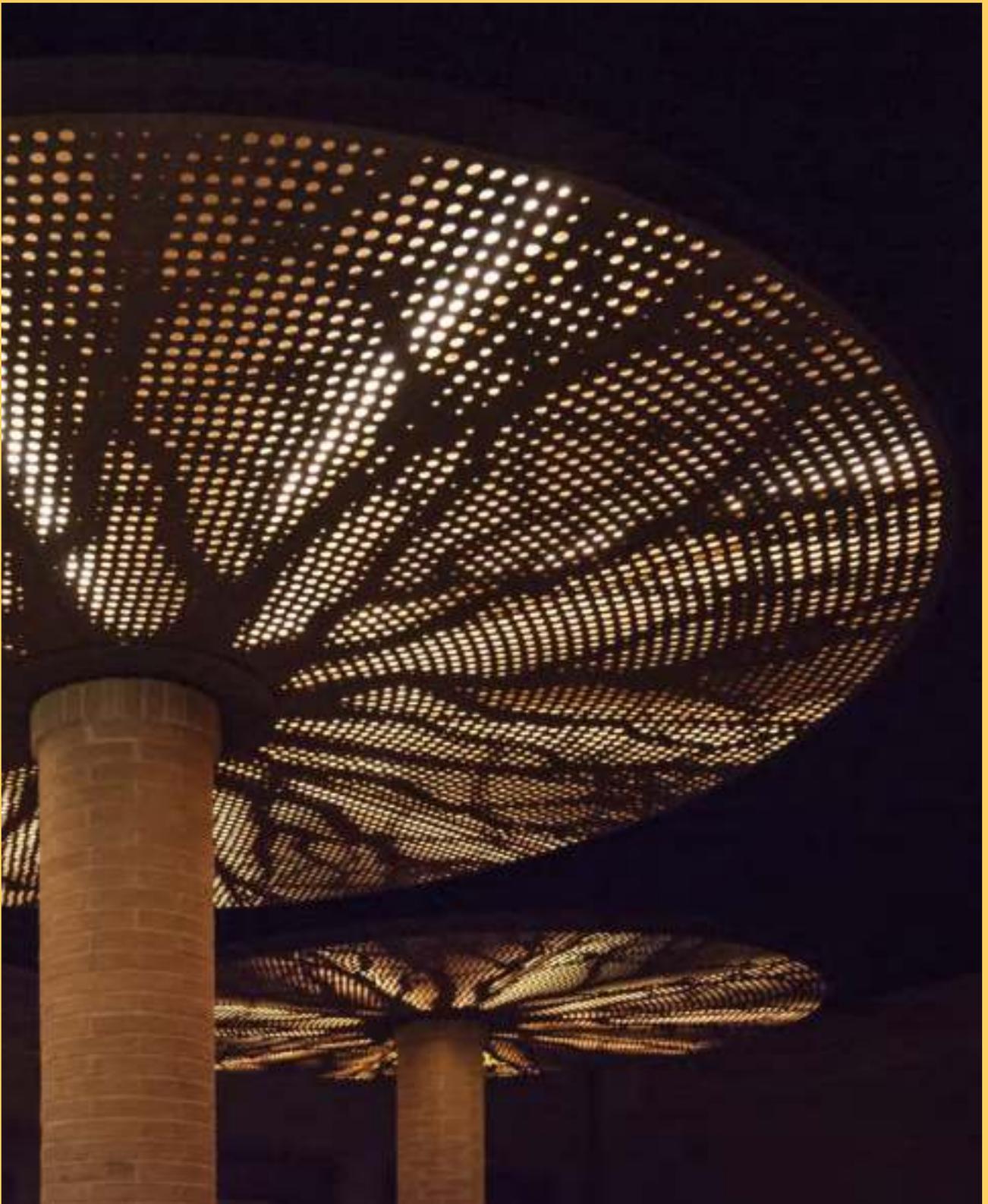
Innovating is a watchword for us. It means surprising and impressing our partners but above all supplying them with out of the ordinary tools that provide original ideas in the design phase. If our products are innovative it is because they are the result of careful and tireless study.

We study the application of the latest technology available, the potential of new lamps and we collaborate with companies that are pioneers in design and lighting control. Once in the hands of lighting designers these solutions can create new and fascinating projects.





ZEDGE PRO designed in collaboration  
with Gensler - Lauch 2018.



**We want  
to experiment**

# Emotions and the irresistible charm of inventing

**At left** Cantina Briziarelli - Bevagna Perugia , Italy  
Architect: studio midesign  
Photographer: Antonino Ciddio 2018.

## We are always ready to venture into uncharted territory.

To find impressive solutions without ever giving up takes intuition, courage, enthusiasm and a dash of madness. For us experimenting new technology is thrilling as well as looking for the links between

LED and digitalisation that make even the most technical and complex fixtures simpler.

Results are never a foregone conclusion, sometimes we reach a dead end, but often we are presented with exciting, unexpected scenarios.



# DBS

The Dynamic Beam Shaper (DBS) range started this way, from the desire to give designers a sophisticated yet simple to use tool. A technology that makes it possible to vary the beam opening of fixtures via digital input without any mechanical system.

With DBS we navigated uncharted waters, the combination of LED lamps, miniature reflectors and lenses fitted with liquid crystal molecules that can be activated using an electric field thus creating a light diffusion process.

Today DBS technology is available on five different product ranges,



**Zeno**



**CCTLED  
Architectural**



**Coro**



**Cloud**



**Ledò**

soon it will also be available for other products such as:



**CCTLED  
Architectural Mini**



**Cloud  
Mini**



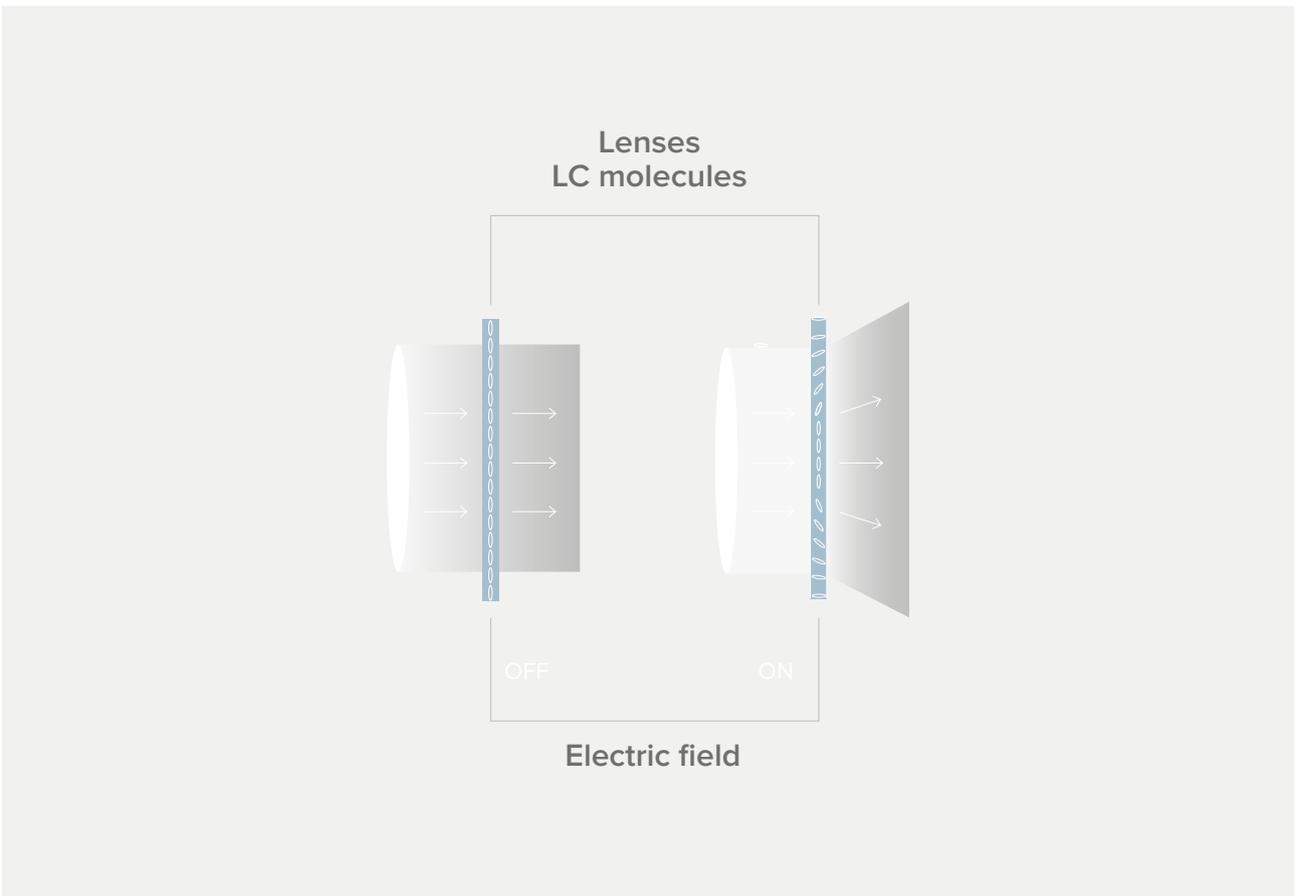
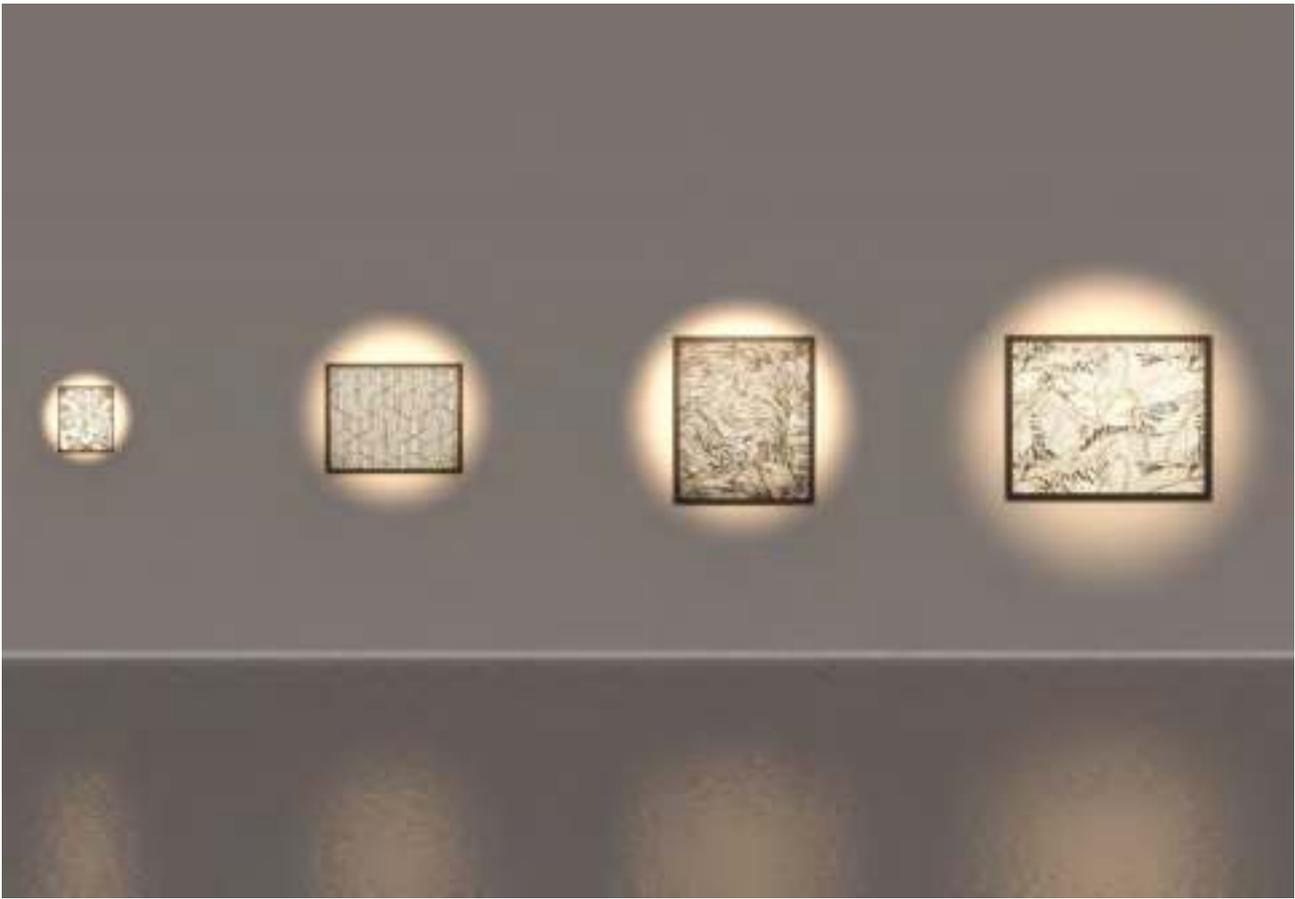
**Coro  
Small**



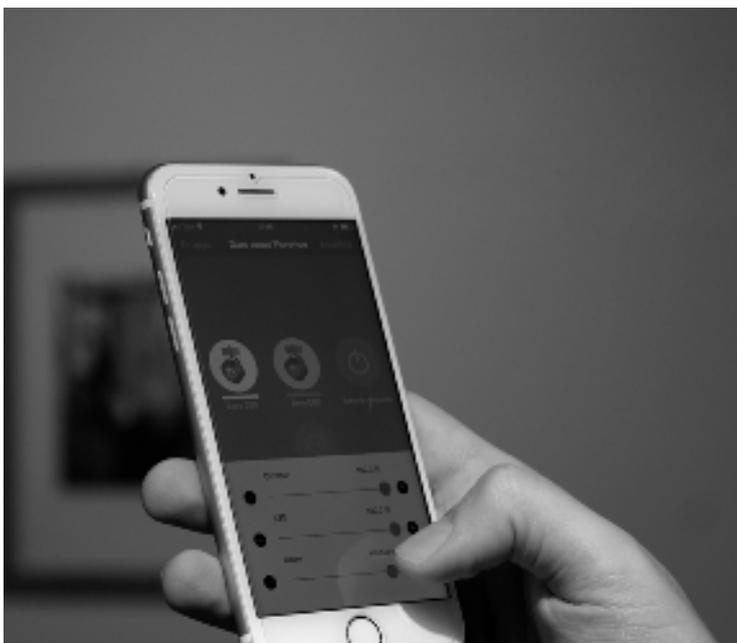
**Zeno  
Small**



**Label 6**







## DBS

### Control

We worked on a Joint Venture on this adventure to push the boundaries of light with Lens Vector, a leading American company in lens design.

DBS is controlled using an IoT system. Using a Casambi application available for IOS and Android it is possible to dim the source, set the desired beam opening and create dynamic scenes. The same fixture controlled by any smartphone opens up endless possibilities.



# TONES

## Searching for the best light

The TONES project started with the touch of madness we are famous from taking on the challenge to artificially create the best light for a variety of combinations and colours. A research project more than normal daily work that lasted almost a year, shared with a team of architects from the company Gensler, one of the largest architectural firms in the world. Together we analysed different combinations of materials and colours that are used in modern architecture and created the most suitable spectrum of light for each of them to enhance each composition, both as a whole as well as every single component. The team of architects evaluated the colour rendering of individual materials, the harmony and synchronicity between the various colours, the perception of different textures and contrast enhancement, in order to strengthen the expressive message as a whole. This was possible combining a series of LED that, as a whole, produce different tones of light, all with extremely rich emission spectrums to emphasize the different colours.

## Seven different tones of light

Created digitally at first and then concretely reproduced to express various spectrums that have been specifically combined and shaped to enhance different combinations of materials and colours.

A completely new, highly specialised light that has never been seen before.

The TONES range is ideal for domestic, retail, hotel and entertainment lighting, spaces where there is an interior design project that takes into account colours and materials aimed at creating a style and an atmosphere and to elicit particular emotions.





**We design  
with you**

## Unique tools and a desire to work together

**We love every lighting project, we like being one of gears that drives the planning machine to enhance architecture to the full.**

We work with our partners, we share the journey through the different project phases, we support them and we design custom made fixtures with them.

Our technicians study ad hoc solutions that adapt to space, design, optics, colours and size. Solutions that can become an integral part of the environment and meet ever-changing lighting needs.



# Cattedrale di Santa Maria Assunta Volterra, Pisa

Lighting designer: Massimo Iarussi

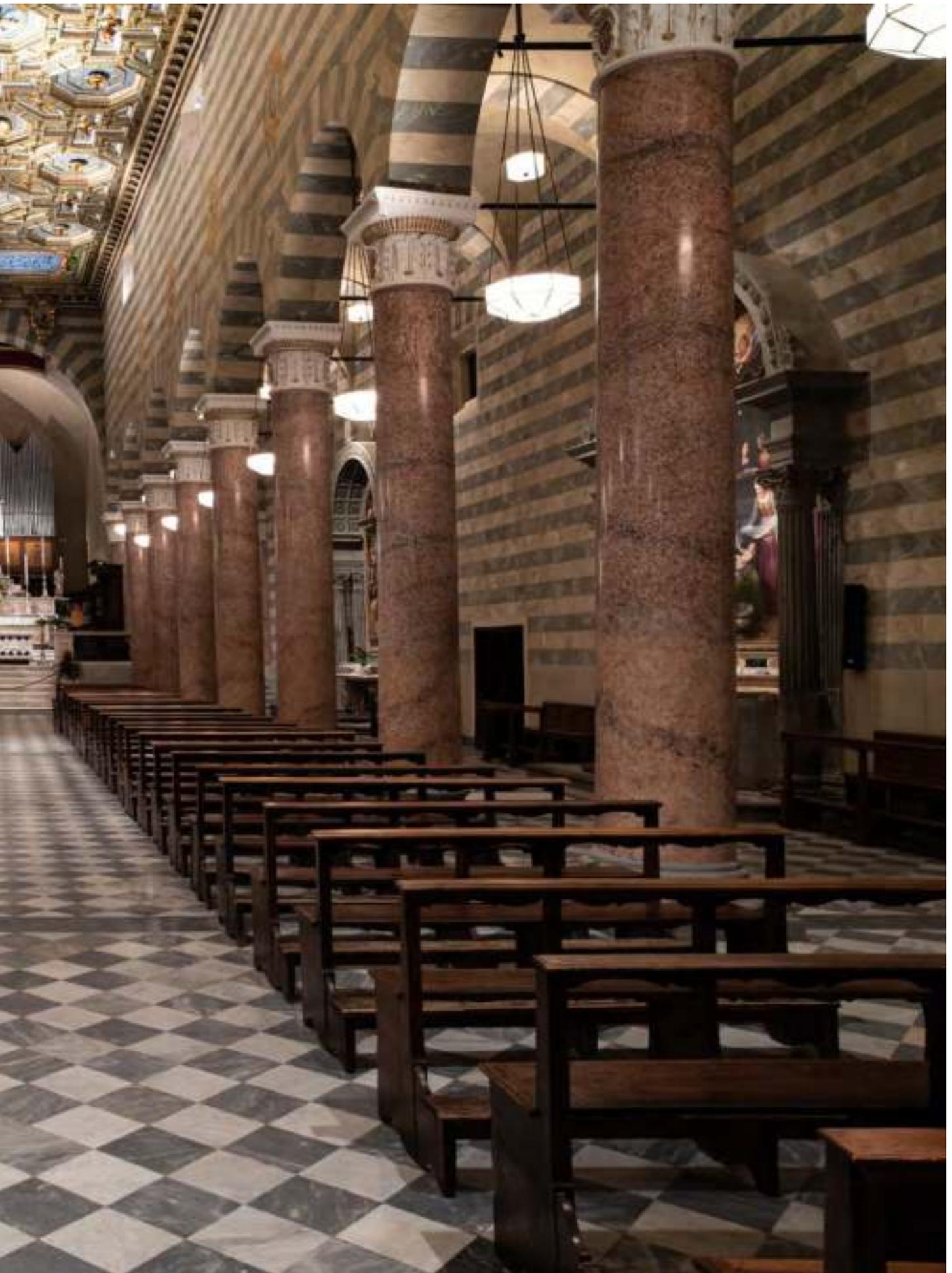
For the Cattedrale Santa Maria Assunta in Volterra the lighting designer Massimo Iarussi, in collaboration with the Targetti R&D, designed decorative suspensions with a technological core.

The suspensions, made of alabaster, are a tribute that the lighting designer wanted to pay to the city, the European capital for processing this precious mineral, adding to the Cathedral a new element which is expression of artistic and artisan

work from the third millennium. The diffused light provided by the lanterns contribute to the general lighting in the church while the fixtures inside them light the ceiling providing scenographic zenithal accent lighting on the floor.



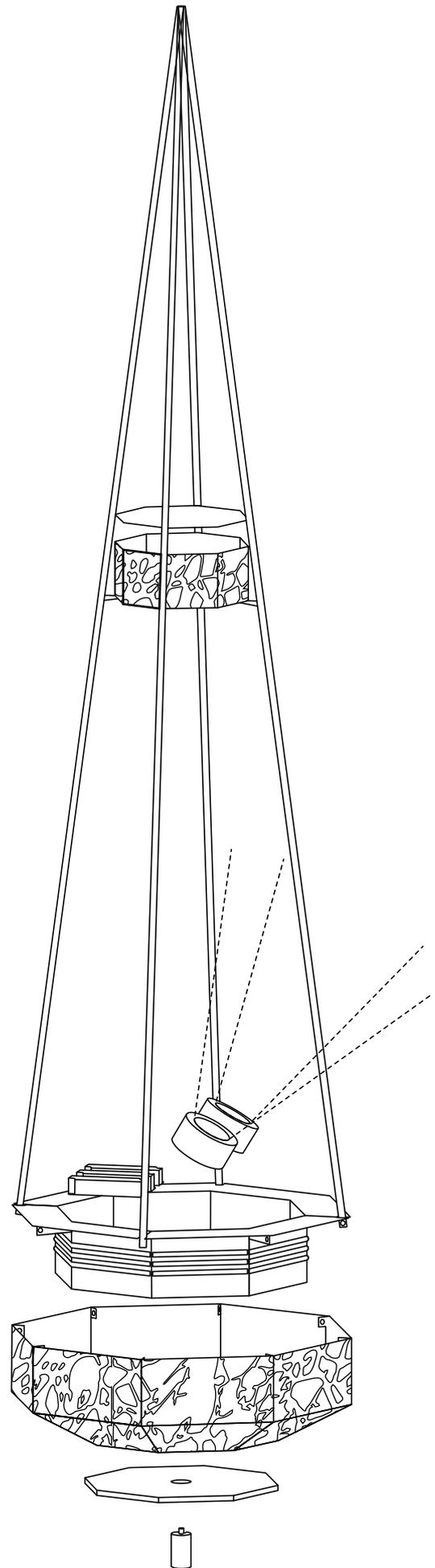








Targetti R&D department at Targetti created a kind of metal tray to house the fixtures for different lighting scenes. The lanterns play a triple role of contributing to the general lighting in the church, lighting the coffered ceiling and providing a more scenographic zenith light for the floor. A kind of ring made of LED strips surrounds the metal tray to provide a backlight for the alabaster suspension fixtures. Inside they are equipped with custom-made projectors inspired by the Zeno range, fitted with a special adjustable bracket to light the coffered ceiling. Finally, in the lower part of the lanterns there are small recessed projectors derived from the Label 48V range which are fixed to the metal trays using rods which zenithally light the floor.





**We design  
light**

## A taste for distinguishing nuances

**For us designing light is irresistible! We've been doing it for decades and it's our strength.**

We put all our genius, passion and imagination into it. Creating surprising geometries, looking for new materials and getting light and space to interact together in increasingly original ways is something we never get tired of. Optical systems are the heart of a light fixture and we put our heart into designing them.

In the face of every shape, every new effect we discover, design and optimise we are always surprised just like the first time: it is the excitement to have found a solution using our imagination and the strength to make impossible dreams come true, or simply to have solved a complex problem brilliantly.

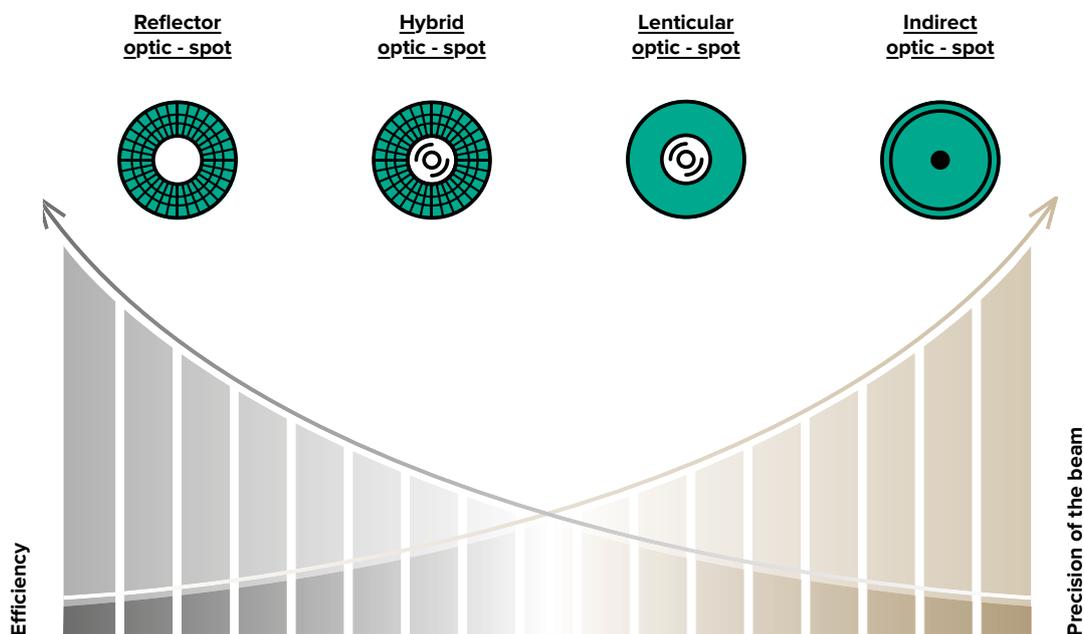
# Every project and every space needs the right light.

We create the right light by designing optics, looking for new reflections and adding nuances and shades.

Today lighting does not just mean light and shade rather it is the art of adding weight or lightness to the myriad of nuances that separate them. This is why we have created a wide range of optics that add different – more significant – weight to nuances.

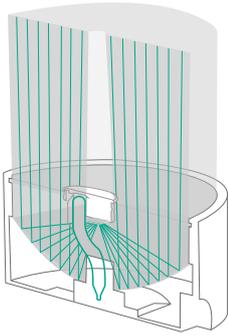
At first glance it could seem that a museum or a shop need to be

treated similarly: the same accent light that helps to focus attention towards objects. Yet if in a museum perfect, precise beams without any blurred edges and clean light to focus on the works on display are favoured, a shop uses softer gradient tones to attract people's attention without creating sharp boundaries and without favouring one product more than another. This was the reason behind the idea of creating optics with the same beam width that ensure effects with different gradient tones.



**At right** Chapelle du Collège  
Carpentras, France  
Sacha Leray Exposition  
Photographer : Hugo Hebrard

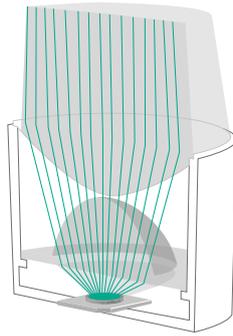




## Indirect optics

**Millimeter beam precision for evocative effects**

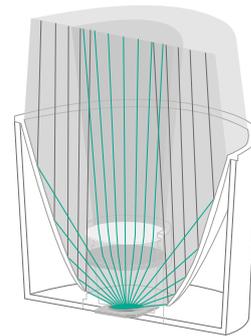
One of the optics in the Targetti range is the indirect version, that makes it possible to obtain an extremely narrow light beam (6°) that is precise and well defined even at great distances. It uses the principle of lighting technology where a parabolic reflector is lit by a light source that is turned backwards and completely hidden from view. It works therefore by reflection, but the special shape makes the beams converge in an extraordinary way to create an extremely narrow, focused and defined effect with no falloff which is a normal result of uncontrolled light. Given its sophisticated shape this optic is only available in a Narrow Spot version.



## Lenticular optics

**Sophisticated geometries for precise beams**

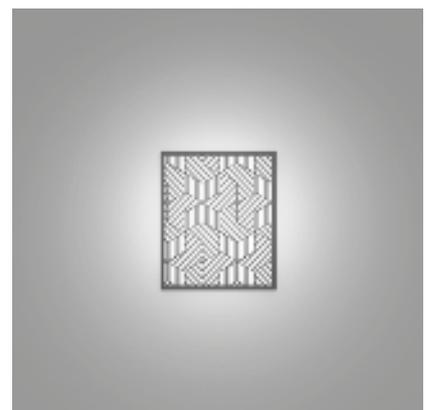
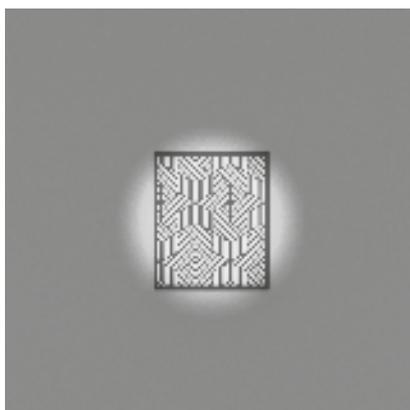
These are most commonly used in museums because they make it possible to obtain precise and defined beams that frame works of art without interfering with the background. They are available from Narrow Spot right up to Flood openings. They are small in size, use high quality materials and have sophisticated shapes to collimate beams to eliminate all indirect emission components. This extreme precision entails a small sacrifice in terms of performance which in museums is not an essential requirement because low power fixtures are often used.

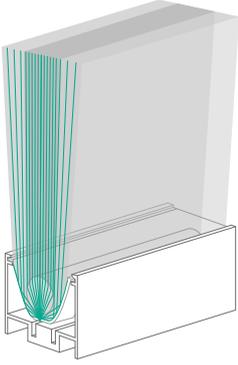


## Hybrid optics

**The best compromise between beam efficiency and definition**

The light emission of these type of optics is the result of the combined use of reflectors and lenses. A reflector controls peripheral light while one or more lenses manage the central part of the beam which is usually uncontrolled. Cancelling "spurious" light is combined with flow recovery and an increase in the intensity inside the beam. These optics are available for Spot and Flood emissions.

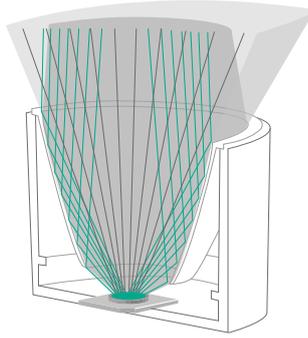




## Grazing optics

**Grazing lighting is a kind of light used to enhance vertical surfaces in a uniform way**

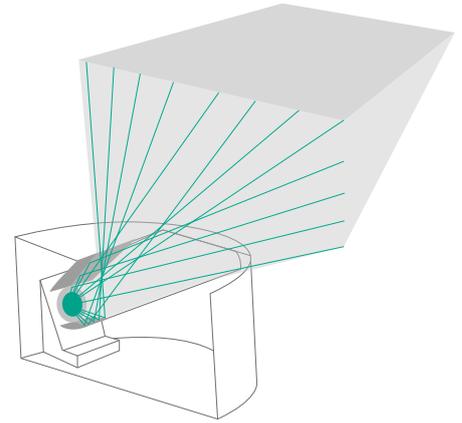
With a gradient tone that moves away from the emitting source softly and is suitable for linear fixtures. Fixtures with this type of optic must be positioned near to the surface to be illuminated because the photometric solid is in reality a blade with maximum intensity at the emission point which then fades as it moves out. In the Targetti collection the Grazing optic was created thanks to an intuition by our optical department which studied a simple yet highly effective solution. It is a cylindrical lens positioned above the LED source along the entire length of the fixture. The result is a soft continuous light effect that "attaches" to the wall near the fixture without any unpleasant scorching, yet still able to reach the floor or the ceiling depending on where the fixture is positioned.



## Reflector optics

**Precise and enveloping light**

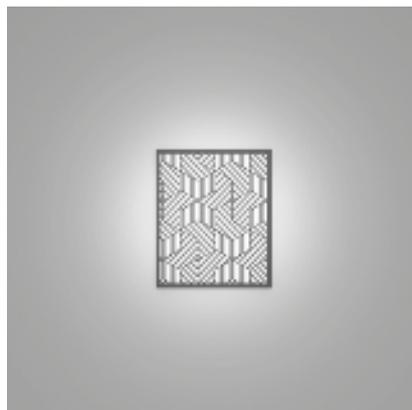
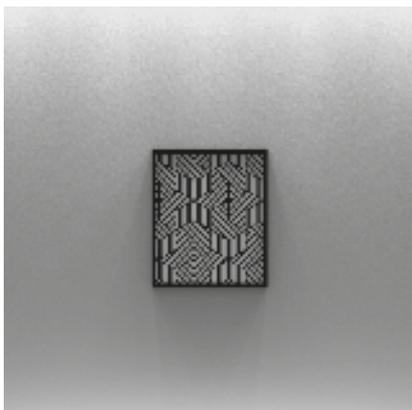
These optics ensure the best performance and are available with all beam spread (spot, flood, medium wide flood and wide flood). They allow for excellent light mixing with broad, soft tones between light and shade. They are particularly suitable when a homogeneous balance between luminance and a more neutral and less dramatic effect is required. The reflective aluminium or metallised polycarbonate they are made of ensure high optical efficiency.

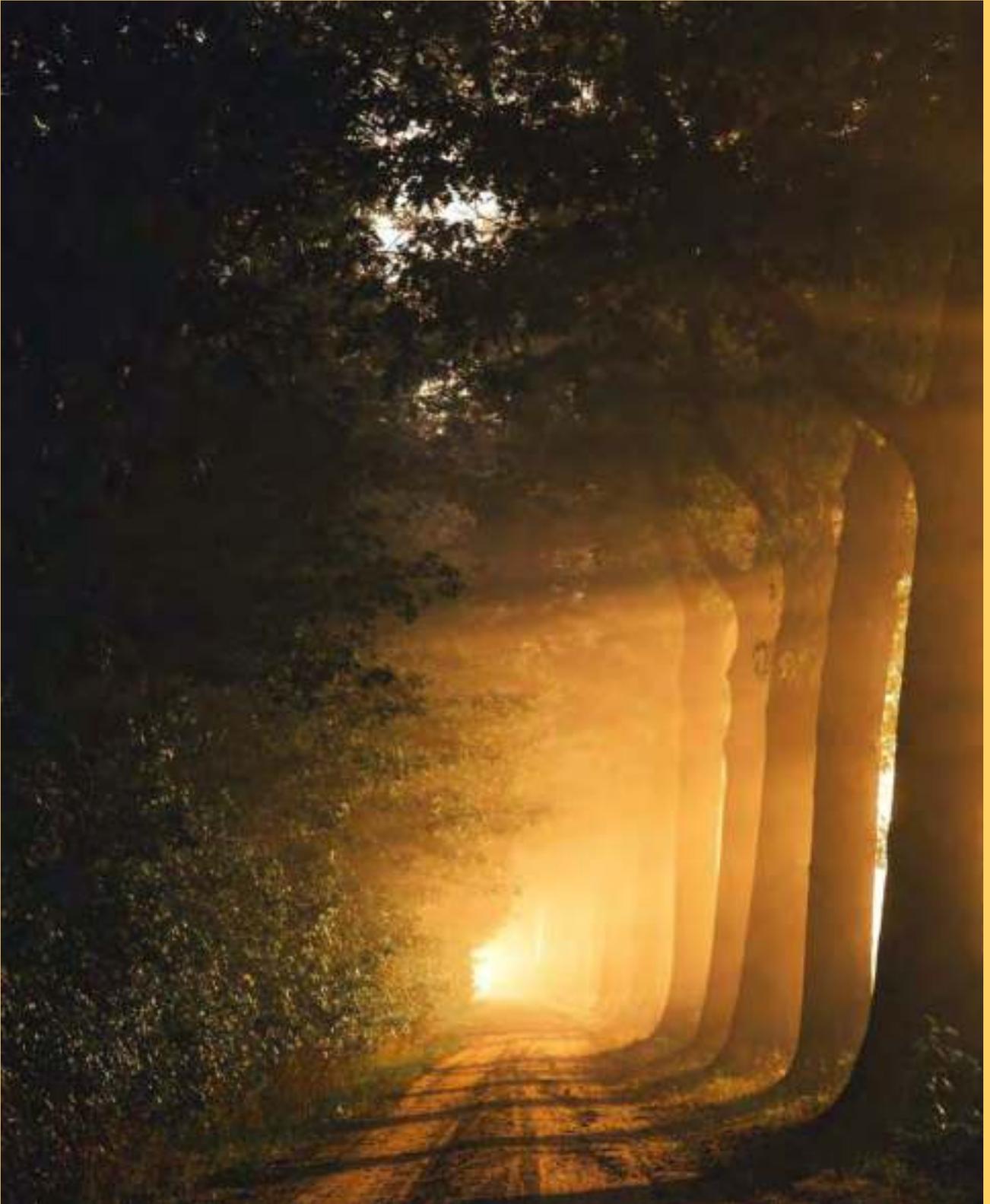


## Wall Washer optics

**Uniform light and contemporary atmosphere**

These type of optics allow for completely uniform effects even on large wall surfaces. What makes them unique is the ability to direct the light right to the top of the surface and to its full height. The distance between different fixtures will provide uniformity along the entire length of the wall. Wall-washer optics are ideally used where uniformity is required in the entire space or where particular emphasis on a large work of art displayed on a wall is needed. The contrast with the rest of the space will emphasize the dramatic effect.





**Light is  
colour**

## Exalting the wealth of possible combinations every day

**We do not like simplifications and standards, for us showing the inexhaustible potential of light is a responsibility and a duty.**

Hues, tones and shades: every time we aspire to create the right composition for a particular material or a work of art we have taken on to reproduce its colours and essence with the utmost fidelity.

We have always chosen the LED source for our fixtures very carefully, LED lamps that are capable of ensuring high performance, long

life and excellent light quality. This means not choosing just one type of source for the entire collection but the ones we believe are the most suitable to be fitted in particular fixtures or new optical systems.

Despite this we are always able to ensure the same hue of light in all our fixtures.

# TM30

**TM-30-15 IES** – is the acronym for the Illuminating Engineering Society – the organisation that developed the scale as a new method for evaluating the colour rendering of a light source. It appears to be more reliable than the previous Ra because it is based on the colour rendering comparison of 99 “colour patches” rather than 8+6 like the CRI. In addition, where the CRI provides a single score, therefore it does not significantly express

the narrow but broad relationship between light and colour, the TM-30 appears to be more complete because it is identified using three different parameters: an R<sub>f</sub> Fidelity index, an R<sub>g</sub> Gamut index and a colour vector graphic. These combine to provide a more accurate image of the colour fidelity of a light source and a better explanation of the exceptional colour rendering capabilities of LED sources.

## R<sub>f</sub> (Fidelity)

The TM-30 Fidelity index uses 99 colours, rather than 8+4 of the CRI, chosen from real world objects. Like the CRI the points of the Fidelity index go from 0 to 100. A score of less than 60 is too poor for indoor use and a 90+ score is ideal for an effect that is similar to daylight.

The TM-30, 99 “colour patches” are classified into seven groups (nature, skin tones, textiles, paints, plastics, printed material and colour systems). This categorisation helps because the light source can be tested on specific application areas.

## R<sub>g</sub> (Gamut)

Evaluates the intensity of colours under a certain light, therefore it provides indications of the source’s ability to reproduce colour saturation (breadth of colour range).

A score range equal to 100 indicates that the light source does not change the hue or colour saturation that are reproduced in the same way as the sample source.

R > 100 indicates an increase in colour saturation, therefore they appear more intense.

R < 100 indicates a decrease in saturation.

## TM-30 colour vector graphic

Indicates which colours appear to be saturated and which desaturated. In the TM-30 colour vector graphic the black circle represents the sample light, while the red circle is the light being tested. If the circles overlap perfectly the tested light corresponds to sunlight.

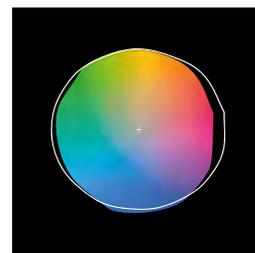
The areas that extend beyond the black circle indicate that the colours are more intense compared to the sample, however those that remain inside represent colours that appear desaturated.

Unlike the Fidelity and Gamut indexes which are numerical scores, the colour vector graphic is a visual representation that makes it possible to understand which colours are more and less intense.

This is particular useful when it is necessary to highlight a particular colour, for example in retail applications.



TM-30 Colour Range

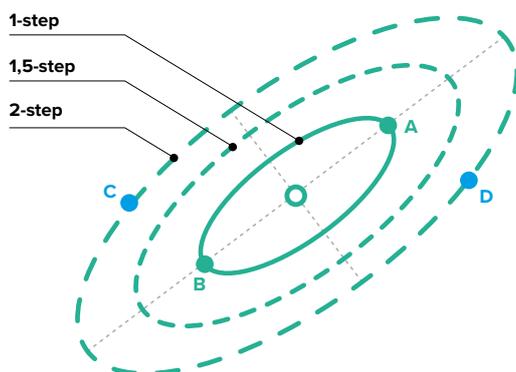
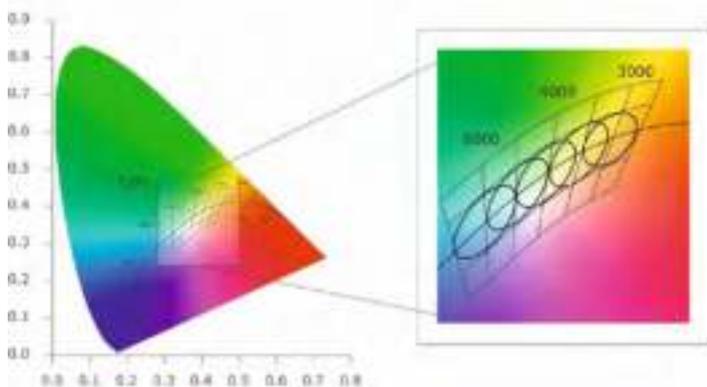


COLOUR DISTORTION GRAPHIC

# MacAdam

Another fundamental parameter for us when choosing a light source is Colour Tolerance, i.e. the colour characteristics of light highlighted by Step MacAdam.

Targetti fixtures equipped with LED COB have 1.5 step MacAdam guaranteed throughout the life of the source.



To help read the data it is possible to refer to the guide on page → 806



# These are the LED sources our fixtures are fitted with



## LED COB (chip on board)

This type provides maximum performance in terms of lumen, efficiency and density. They are typically made of a matrix of small blue chips covered in phosphorous. The large number of chips used makes it possible to achieve excellent efficiency while maintaining low current in individual chips.

### COLOUR TEMPERATURE

2700 K • 3000 K  
3500 K • 4000 K

### EFFICACY

100 • 150 lm/W

### COLOUR RENDERING

Ra84 • Ra92 • Ra97

### COLOUR CONSISTENCY

1.5 SDCM  
(Steps MacAdam)



## LED Mid power

Characterised by high efficiency and low unit power (< 1W). This makes it possible to create large light sources. It is typically used in linear fixtures and in fixtures that have large emission areas of diffused light in order to obtain excellent performance while maintaining lower wattage.

### COLOUR TEMPERATURE

2700 K • 3000 K  
3500 K • 4000 K

### EFFICACY

100 • 150 lm/W

### COLOUR RENDERING

Ra84 • Ra92 • Ra97

### COLOUR CONSISTENCY

2 SDCM  
(Steps MacAdam)



## LED Emitter

Characterised by a very small light emitting area and high unit power (2-9W), it is typically used to make fixtures with predefined light beams.

### COLOUR TEMPERATURE

2700 K • 3000 K  
3500 K • 4000 K

### EFFICACY

100 • 150 lm/W

### COLOUR RENDERING

Ra84 • Ra92

### COLOUR CONSISTENCY

3 SDCM  
(Steps MacAdam)  
2 SDCM on request

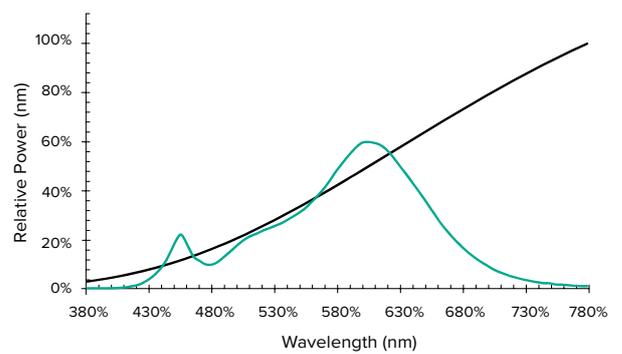
# LED COB

## LED COB Ra84 2700K

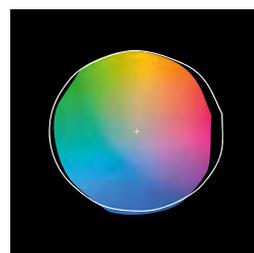
SOURCE  
2700 K

$R_f$	84
$R_g$	95
CCT (K)	2714
$D_{uv}$	0,0000
x	0,4587
y	0,4102
CIE $R_a$	82,9
CIE R9	6,5

### SPECTRAL POWER DISTRIBUTION COMPARISON



### COLOUR DISTORTION GRAPHIC

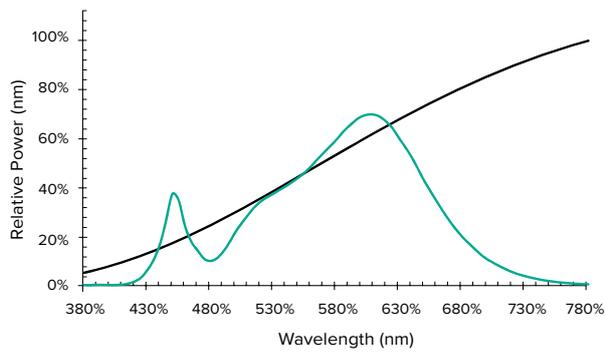


## LED COB Ra84 3000K

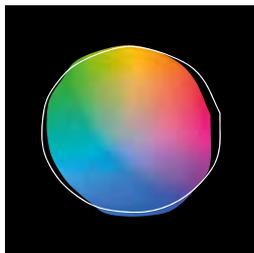
SOURCE  
3000 K

$R_f$	84
$R_g$	98
CCT (K)	3030
$D_{uv}$	0,0005
x	0,4356
y	0,4050
CIE $R_a$	84,2
CIE R9	16,1

SPECTRAL POWER  
DISTRIBUTION COMPARISON



COLOUR DISTORTION  
GRAPHIC

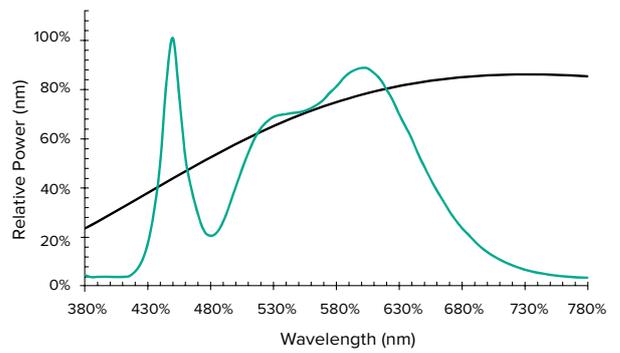


## LED COB Ra85 4000K

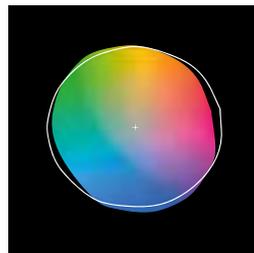
SOURCE  
4000 K

$R_f$	83
$R_g$	99
CCT (K)	3958
$D_{uv}$	0,0000
x	0,3823
y	0,3780
CIE $R_a$	85,2
CIE R9	20,9

SPECTRAL POWER  
DISTRIBUTION COMPARISON



COLOUR DISTORTION  
GRAPHIC

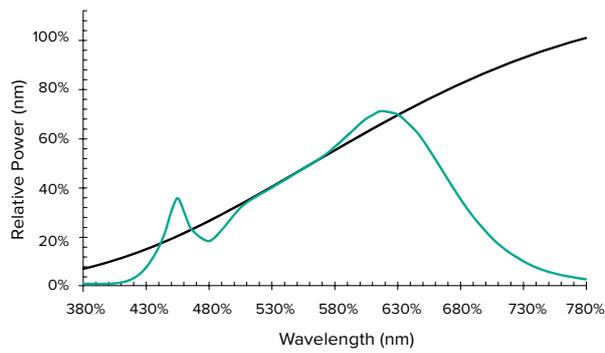


## LED COB Ra93 3000K

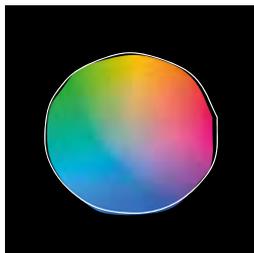
SOURCE  
3000 K

$R_f$	92
$R_g$	99
CCT (K)	3044
$D_{uv}$	0,0001
x	0,4340
y	0,4032
CIE $R_a$	93,7
CIE R9	61,5

### SPECTRAL POWER DISTRIBUTION COMPARISON



### COLOUR DISTORTION GRAPHIC

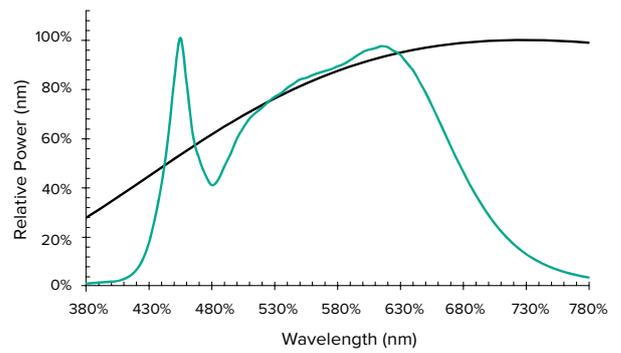


## LED COB Ra90 4000K

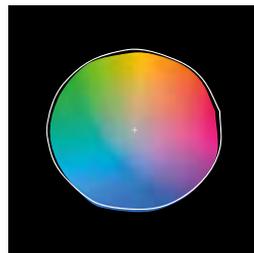
SOURCE  
4000 K

$R_f$	90
$R_g$	98
CCT (K)	3980
$D_{uv}$	0,0011
x	0,3821
y	0,3800
CIE $R_a$	93,5
CIE R9	66,4

### SPECTRAL POWER DISTRIBUTION COMPARISON



### COLOUR DISTORTION GRAPHIC

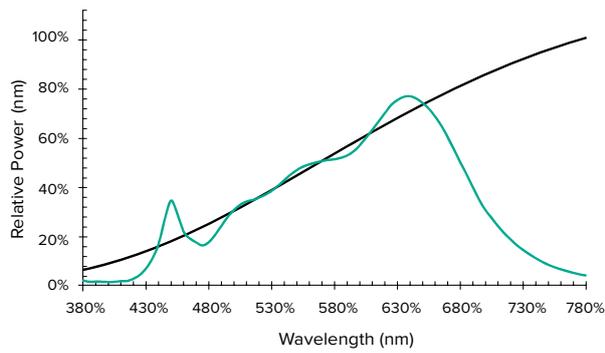


## LED COB Ra97 3000K

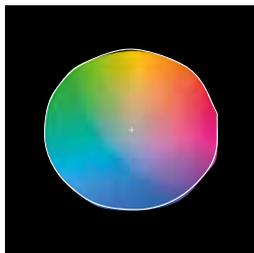
SOURCE  
3000 K

$R_f$	96
$R_g$	102
CCT (K)	3006
$D_{uv}$	0,0001
x	0,4364
y	0,4036
CIE $R_a$	98,1
CIE R9	97,8

### SPECTRAL POWER DISTRIBUTION COMPARISON



### COLOUR DISTORTION GRAPHIC

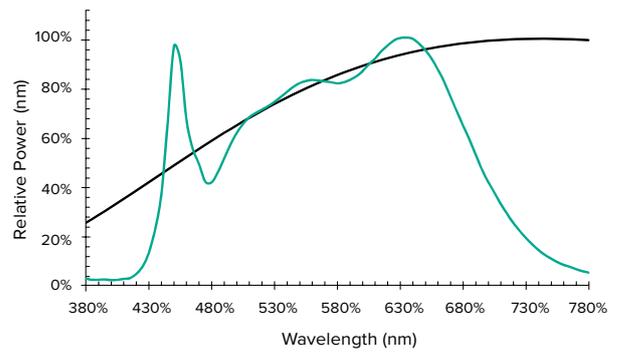


## LED COB Ra97 4000K

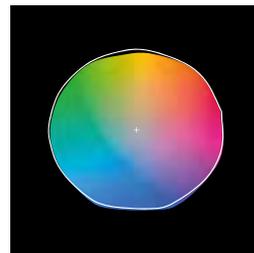
SOURCE  
4000 K

$R_f$	93
$R_g$	100
CCT (K)	3905
$D_{uv}$	0,0002
x	0,3849
y	0,3800
CIE $R_a$	98,4
CIE R9	99,2

### SPECTRAL POWER DISTRIBUTION COMPARISON



### COLOUR DISTORTION GRAPHIC





**We adorn  
with light**

## An essential addition to make a place unforgettable

# When we work with architecture light is part of everything:

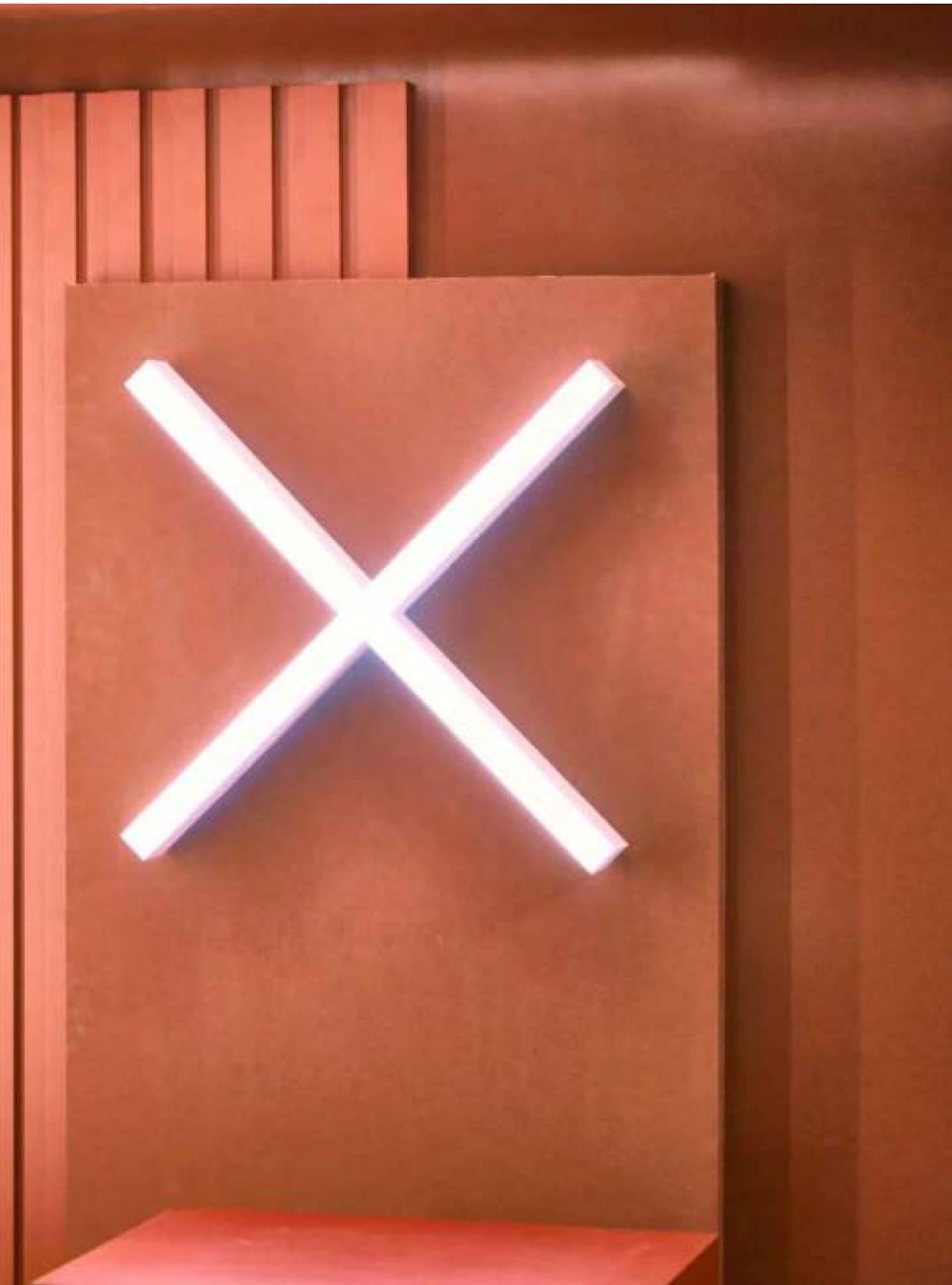
it must be functional to the project, enhance it and emphasise its communication message. To this purpose fixtures must discretely integrate into the architecture without overpowering it, participate as functional elements and if necessary disappear. This is why we dress our light with a simple yet at times meticulous design with canonical shapes that can be easily combined together. Colours are always simple to disappear into the environment: black, grey and white.

Architecture however is not always black and white, it can be an explosion of colours. Lighting has the task of adapting to its style.

This is why our fixtures can be painted, with any RAL finish (after the feasibility study) chosen by customers from the RAL Classic.

We have many colours to provide light with an ever changing style able to perfectly match any context.







**We control  
light**

## Deciding on how much light, where and how in a few easy steps

**The digital revolution – in particular the increase in Wi-Fi connections – has made it possible to control many everyday tools remotely, opening the door to simple and customised use of many things. Light is one of them.**

**At left** Photographer: Sayo Garcia

Many of our fixtures can be activated and managed remotely using Bluetooth Low Energy (BLE) technology by Casambi, the leader company in wireless lighting control solutions.

By downloading a simple application onto a smartphone or tablet– for iOS and Android platforms- you can control your systems wirelessly however simple or complex it is.

# It is possible to control every fixture

and decide whether to activate it individually or in combination with others depending on the needs and functionality required. Manage simple On-Off modes, dim sources, set up different configurations depending on specific functional requirements and even create dynamic scenes.

The system is also capable of interfacing with standard control Drivers such as Dali and 1-10V.

The fixtures in our collection are controlled using components integrated into the product or

external accessories. Our added value is the wide range of custom and standard devices available that have been developed to respond to even the most particular design needs in a flexible way.

Some simple icons in the catalogue help to identify fixtures in the collection that are already fitted with Casambi components and those to accessorise with special control units. You can find all the technical specifications and accessories in the control systems section of the catalogue.

**At right** Samsung KX , London - UK  
Project: Heatherwick Studio  
Lighting design: Nulty Lighting





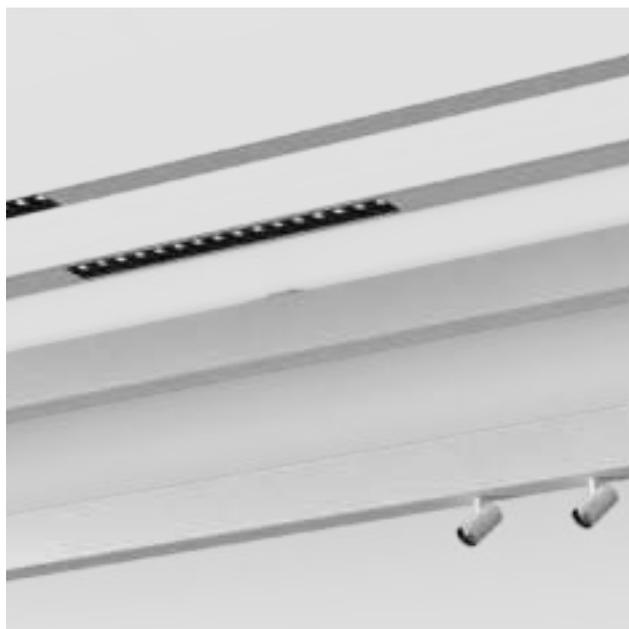
# News 2020 Indoor

## Iso



## Logico

New lighting modules



## Omega



# OZ

New modules



## Label 2



## Zeno Medium Zoom



# News 2020

## Outdoor

### Zedge



Zedge bollard



Zedge Opal

## Jupiter Pro



## Mr & Mrs Smith



## Keplero Mini Wall Washer



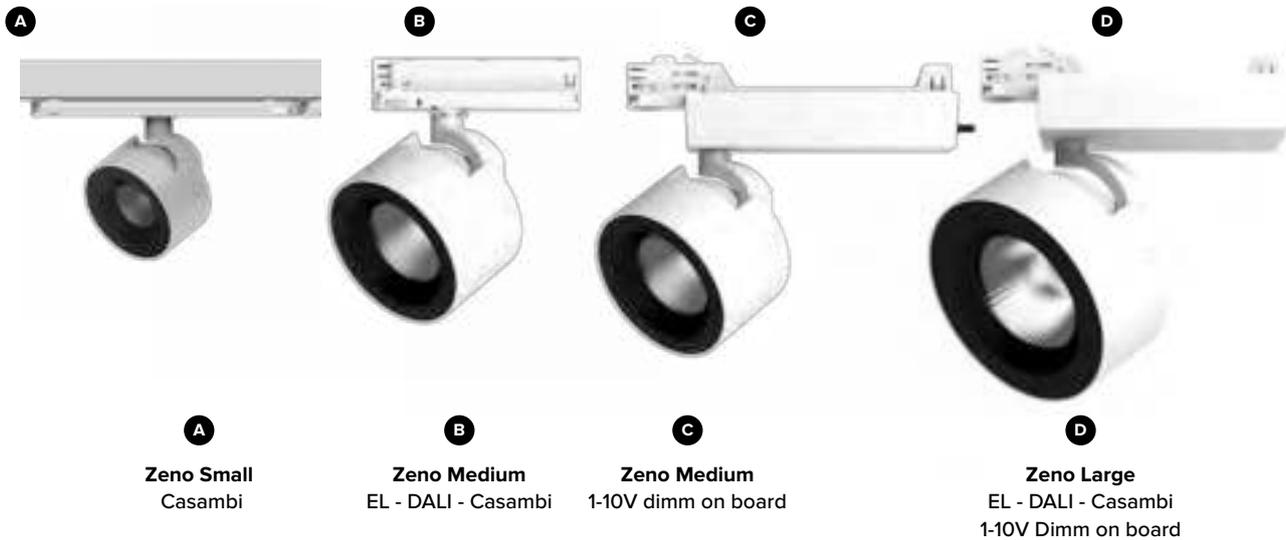
## Jedi Compact Recessed



# Coming soon

## Zeno

Family



The Zeno range, designed to meet the lighting needs of exhibition spaces, will be subject to a restyling with the main objective being to minimise the size of the driver box.

A new design and faster installation. Integration into the architecture is then maximum when the option of the driver integrated into the track is selected. At present available on request. In 2021 also for the Medium version.

# CCT DOT

Family



CCT DOT is here. Not a single “point of light” but an entire range of recessed fixtures developed on two different platforms to create two different types of products with the same family feeling.

“Architectural” recessed Downlight and Projector.

The Downlight is characterised by its essentiality, excellent performance, high efficiency, IP54 and the extent of the range. Lots of different diameters to choose from.

The Architectural platform is built around the Label range in order to have aesthetic and performance continuity between products with different installation types (track projectors, adjustable recessed projectors and extractable recessed projectors).

CCT DOT Architectural in accordance with Targetti tradition will be equipped with a complete set of accessories to design light according to requirements.

Even in this case there is an extensive range; the guiding principle is to create a range of products for different types of applications and sizes to provide a comprehensive collection of tools for our partners.



# Coming soon

## New DBS Range

The DBS programme is continuing and extending its range



OZ DBS

Targetti confirms its place as leader in the design of optical systems with new LCD micro-screens with a very small diameter compatible with the DBS system, engineered ad hoc for us.

Soon it will be possible to vary the beam opening of very small Oz light units even remotely.



**CCTLED**  
Architectural Mini



**Cloud**  
Mini



**Coro**  
Small



**Zeno**  
Small



**Label 6**

**Ra>90**

**Ra**

State of art LED technology allows for good flux with high colour rendering.

Targetti has set themselves the goal of equipping all fixtures with LED Ra minimum >90 by 2021.

Indoor

**Recessed**

# Linear recessed



**82**  
**LOGICO**  
Stand alone

# Recessed



**94**  
**THREESIXTY**



**106**  
**CCTLED**  
Smart-Tech-Feel



**120**  
**CCTLED**  
Smart-Tech-Feel  
Trimless



**117**  
**CCTLED**  
Deep



**118**  
**CCTLED**  
Wall Washer



**123**  
**CCTLED**  
Wall Washer  
Trimless



**124**  
**CCTLED**  
Mini



**124**  
**CCTLED**  
Mini WW



**126**  
**CCTLED**  
Micro



**128**  
**CCT Flash**



**132**  
**CCTLED Arch.**  
Fix



**144**  
**CCTLED Arch.**  
Fix Trimless



**138**  
**CCTLED Arch.**  
Adj



**146**  
**CCTLED Arch.**  
Adj Trimless



**141**  
**CCTLED Arch.**  
HP Adj



**151**  
**CCTLED Arch.**  
Mini fix



**152**  
**CCTLED Arch.**  
Mini adj



**158**  
**CCTLED Arch.**  
Micro



**160**  
**OZ**  
Stand alone



**176**  
**STORE**



**192**  
**ZENO** Small



**196**  
**CLOUD**



**208**  
**COZY**



**210**  
**BEBOP**



**212**  
**QUICKLED**



**214**  
**POLKA**



**218**  
**OTTO**  
Semi Recessed



**219**  
**OTTO**  
Recessed

# LOGICO

## Stand Alone Recessed

### GENERAL INFO

Modules of variable lengths with flange or trimless installation without visible frames.

Lengths: 1135mm – 1695mm – 3377mm

### LED

LED engine

From 2520lm to 21600lm

3000K – 4000K

Ra84

Ra90 To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 109lm/W

### OPTICS

OPAL – UGR – WW

### POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

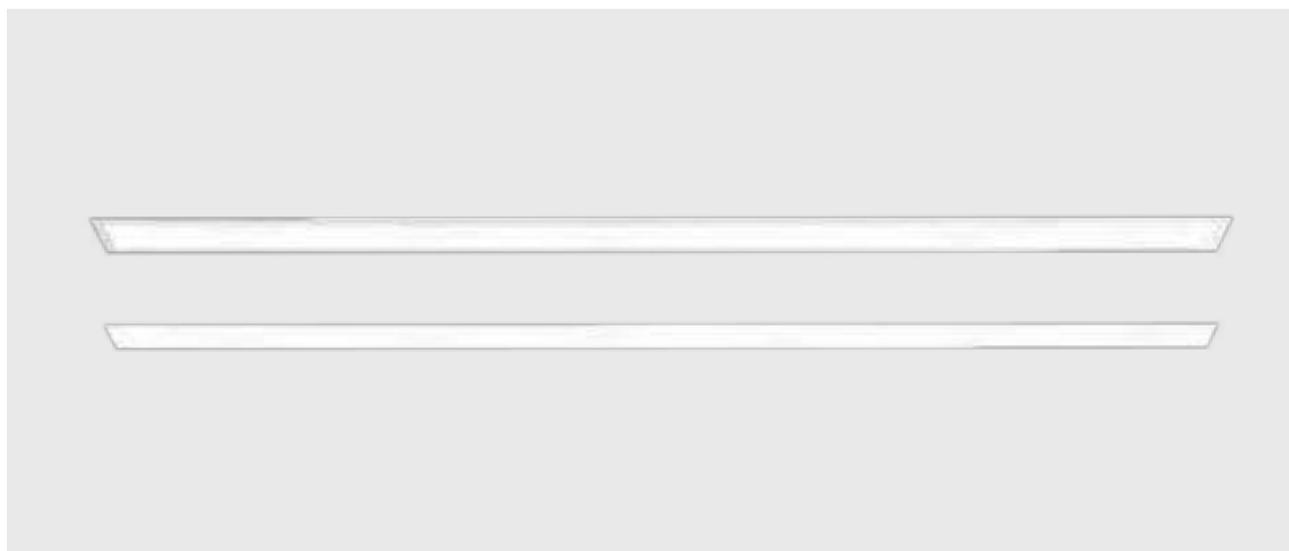
Powder coated, extruded, calendered aluminium.

A versatile fixture available in three different lengths, each with Low- Power and High-Power lumen and different finishes and installation types.

There are two different versions available. One with a light module without a flange to be accessorised with an outer casing for trimless installation or with a flange, and a light module with a flange that does not require an outer casing. It can be also in semi-recessed installation.

It is available with diffused light, UGR<19 controlled light ideal for lighting workplaces or wall-washer for lighting large vertical surfaces.

There are also versions available for ceiling, wall or suspension installation.





## Zonamerica

**Architect**  
Estudio Dovat  
Arquitectos

**Lighting Design**  
Estudio Hofstadter

**Photographer**  
Ferrés - Cánepa

**Country**  
Montevideo,  
Uruguay

01



## Magnetic assembling

A magnet makes it possible to fix the light unit complete with a reflector to the housing, while the screen is attached with a simple “click”. No need to use tools. This particular fastening system means that the fixture can also be wall mounted.

02



## Recessed version with or without a flange

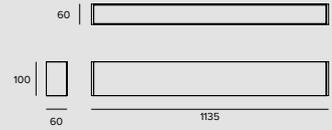
The version without the flange allows for a trimless finish that totally disappears into the ceiling or for semi-recessed installations. Just accessorise the fixture with a special casing to be fitted flush into the ceiling.

## Solutions available on request

Custom tailor made length modules and emergency modules.



## Stand Alone Recessed L. 1135mm



### LED / 24W / DOWN OPAL ± 4.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5779EL</b>	<b>1T5780EL</b>
EL.	●	<b>1T5781EL</b>	<b>1T5782EL</b>
DALI	○	<b>1T5779DA</b>	<b>1T5780DA</b>
DALI	●	<b>1T5781DA</b>	<b>1T5782DA</b>

### LED / 48W / DOWN OPAL ± 4.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5783EL</b>	<b>1T5784EL</b>
EL.	●	<b>1T5785EL</b>	<b>1T5786EL</b>
DALI	○	<b>1T5783DA</b>	<b>1T5784DA</b>
DALI	●	<b>1T5785DA</b>	<b>1T5786DA</b>

### LED / 16W / DOWN UGR ± 4.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5787EL</b>	<b>1T5788EL</b>
EL.	●	<b>1T5789EL</b>	<b>1T5790EL</b>
DALI	○	<b>1T5787DA</b>	<b>1T5788DA</b>
DALI	●	<b>1T5789DA</b>	<b>1T5790DA</b>

### LED / 24W / DOWN WW ± 4.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5791EL</b>	<b>1T5792EL</b>
EL.	●	<b>1T5793EL</b>	<b>1T5794EL</b>
DALI	○	<b>1T5791DA</b>	<b>1T5792DA</b>
DALI	●	<b>1T5793DA</b>	<b>1T5794DA</b>

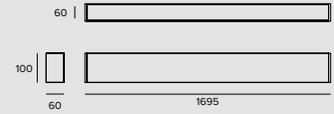
### LED / 48W / DOWN WW ± 4.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5795EL</b>	<b>1T5796EL</b>
EL.	●	<b>1T5797EL</b>	<b>1T5798EL</b>
DALI	○	<b>1T5795DA</b>	<b>1T5796DA</b>
DALI	●	<b>1T5797DA</b>	<b>1T5798DA</b>



## Stand Alone Recessed L. 1695mm



### LED / 36W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)	
Beam			100°		
Fixture Power	40W	3	2.46	1814	
Mounting Pole	1200mm	3	5.33	118	
Fixture Size	1300mm	4	7.96	233	
Efficiency	80lm/W	4	10.01	85	
TM90	max=21600lm Beam	1.8912	6	51.31	64

Driver	Colour	3000K	4000K
EL.	○	<b>1T5799EL</b>	<b>1T5800EL</b>
EL.	●	<b>1T5801EL</b>	<b>1T5802EL</b>
DALI	○	<b>1T5799DA</b>	<b>1T5800DA</b>
DALI	●	<b>1T5801DA</b>	<b>1T5802DA</b>

### LED / 72W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)	
Beam			100°		
Fixture Power	81W	3	2.46	3627	
Mounting Pole	1200mm	3	5.33	448	
Fixture Size	1300mm	4	7.96	381	
Efficiency	80lm/W	4	10.01	167	
TM90	max=21600lm Beam	3.6724	6	51.31	167

Driver	Colour	3000K	4000K
EL.	○	<b>1T5803EL</b>	<b>1T5804EL</b>
EL.	●	<b>1T5805EL</b>	<b>1T5806EL</b>
DALI	○	<b>1T5803DA</b>	<b>1T5804DA</b>
DALI	●	<b>1T5805DA</b>	<b>1T5806DA</b>

### LED / 24W / DOWN UGR



	3000K	H(m)	D(m)	Area(m²)	
Beam			75°		
Fixture Power	27W	3	3.51	1089	
Mounting Pole	1200mm	3	4.02	111	
Fixture Size	1100mm	3	4.51	180	
Efficiency	80lm/W	4	6.01	184	
TM90	max=8100lm Beam	1.8912	6	7.59	67

Driver	Colour	3000K	4000K
EL.	○	<b>1T5807EL</b>	<b>1T5808EL</b>
EL.	●	<b>1T5809EL</b>	<b>1T5810EL</b>
DALI	○	<b>1T5807DA</b>	<b>1T5808DA</b>
DALI	●	<b>1T5809DA</b>	<b>1T5810DA</b>

### LED / 36W / DOWN WW



	3000K	H(m)	D(m)	Area(m²)		
Beam			87°	362		
Fixture Power	40W	3	2.28	1201		
Mounting Pole	1200mm	3	4.58	138		
Fixture Size	1100mm	4	6.24	167		
Efficiency	100lm/W	4	6.01	169		
TM90	max=10800lm Beam	1.2282	6	11.82	12.78	168

Driver	Colour	3000K	4000K
EL.	○	<b>1T5811EL</b>	<b>1T5812EL</b>
EL.	●	<b>1T5813EL</b>	<b>1T5814EL</b>
DALI	○	<b>1T5811DA</b>	<b>1T5812DA</b>
DALI	●	<b>1T5813DA</b>	<b>1T5814DA</b>

### LED / 72W / DOWN WW

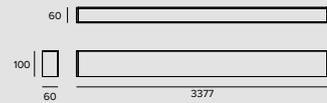


	3000K	H(m)	D(m)	Area(m²)		
Beam			87°	362		
Fixture Power	81W	3	2.28	2401		
Mounting Pole	1200mm	3	4.58	2078		
Fixture Size	1100mm	4	6.24	233		
Efficiency	100lm/W	4	6.01	239		
TM90	max=10800lm Beam	2.4564	6	11.82	12.78	232

Driver	Colour	3000K	4000K
EL.	○	<b>1T5815EL</b>	<b>1T5816EL</b>
EL.	●	<b>1T5817EL</b>	<b>1T5818EL</b>
DALI	○	<b>1T5815DA</b>	<b>1T5816DA</b>
DALI	●	<b>1T5817DA</b>	<b>1T5818DA</b>



## Stand Alone Recessed L. 3377mm



### LED / 72W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)
Beam	100°			
Fixture Power	81W	3	2.46	270
Source Flux	2000lm	3	5.33	677
Fixture Flux	1120lm	3	7.99	391
Efficiency	80lm/W	4	10.01	359
100% max=21600lm Beam	21600lm	6	31.32	398

Driver	Colour	3000K	4000K
EL.	○	<b>1T5819EL</b>	<b>1T5820EL</b>
EL.	●	<b>1T5821EL</b>	<b>1T5822EL</b>
DALI	○	<b>1T5819DA</b>	<b>1T5820DA</b>
DALI	●	<b>1T5821DA</b>	<b>1T5822DA</b>

### LED / 144W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)
Beam	100°			
Fixture Power	162W	3	2.46	534
Source Flux	4000lm	3	5.33	1358
Fixture Flux	2430lm	3	7.99	591
Efficiency	80lm/W	4	10.01	359
100% max=21600lm Beam	21600lm	6	31.32	215

Driver	Colour	3000K	4000K
EL.	○	<b>1T5823EL</b>	<b>1T5824EL</b>
EL.	●	<b>1T5825EL</b>	<b>1T5826EL</b>
DALI	○	<b>1T5823DA</b>	<b>1T5824DA</b>
DALI	●	<b>1T5825DA</b>	<b>1T5826DA</b>

### LED / 48W / DOWN UGR



	3000K	H(m)	D(m)	Area(m²)
Beam	30°			
Fixture Power	54W	3	0.51	338
Source Flux	1900lm	3	0.02	934
Fixture Flux	480lm	3	4.52	372
Efficiency	80lm/W	4	6.01	309
100% max=81000lm Beam	81000lm	6	7.59	188

Driver	Colour	3000K	4000K
EL.	○	<b>1T5827EL</b>	<b>1T5828EL</b>
EL.	●	<b>1T5829EL</b>	<b>1T5830EL</b>
DALI	○	<b>1T5827DA</b>	<b>1T5828DA</b>
DALI	●	<b>1T5829DA</b>	<b>1T5830DA</b>

### LED / 72W / DOWN WW



	3000K	H(m)	D(m)	Area(m²)
Beam	87°			
Fixture Power	81W	3	2.28	801
Source Flux	2000lm	3	4.58	231
Fixture Flux	820lm	3	6.84	334
Efficiency	103lm/W	4	9.02	329
100% max=21600lm Beam	21600lm	6	11.42	136

Driver	Colour	3000K	4000K
EL.	○	<b>1T5831EL</b>	<b>1T5832EL</b>
EL.	●	<b>1T5833EL</b>	<b>1T5834EL</b>
DALI	○	<b>1T5831DA</b>	<b>1T5832DA</b>
DALI	●	<b>1T5833DA</b>	<b>1T5834DA</b>

## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## LED / 144W / DOWN WW



3000K	4000K	5000K	6000K
EL	EL	EL	EL
1T5835EL	1T5836EL	1T5837EL	1T5838EL
DA	DA	DA	DA
1T5835DA	1T5836DA	1T5837DA	1T5838DA

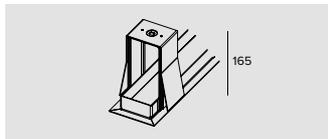
Driver	Colour	3000K	4000K
EL	○	<b>1T5835EL</b>	<b>1T5836EL</b>
EL	●	<b>1T5837EL</b>	<b>1T5838EL</b>
DALI	○	<b>1T5835DA</b>	<b>1T5836DA</b>
DALI	●	<b>1T5837DA</b>	<b>1T5838DA</b>

### Note

Check mounting instructions to verify the quantity of DALI drivers installed.

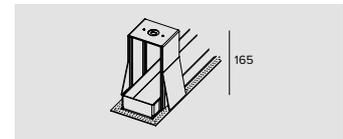
## Related codes

### Insertion Box



Kg	Cutout hole	L	Colour	Code
3.2	80x1150	1171	○	<b>1T5918</b>
3.8	80x1710	1731	○	<b>1T5919</b>
7.5	80x3390	3416	○	<b>1T5920</b>

Outer casing for recessed and semi-recessed installation with a flange.

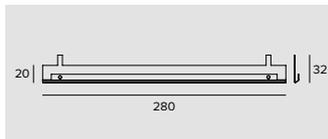


Kg	Cutout hole	L	Code
3.2	80x1150	1172	<b>1T6012</b>
3.8	80x1710	1732	<b>1T6013</b>
7.5	80x3390	3414	<b>1T6014</b>

Outer casing for recessed and semi-recessed trimless installation.

## Accessories

### Screen



Code
<b>1T6502</b>

Accessory designed to improve the visual comfort of the Wall Washer version.

To be installed on a standard reflector.

Made of matte black painted aluminium.

280mm in length; to be ordered in the following quantities for every fixture length: 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

### Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.

It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.



Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.

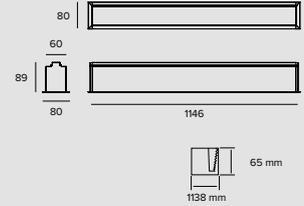
It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Stand Alone Recessed with flange L. 1146mm



### LED / 24W / DOWN OPAL ± 3.8 IP20



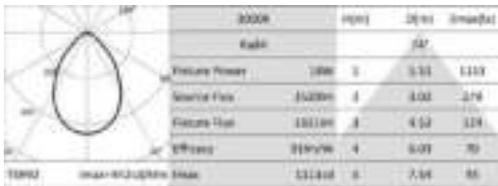
Driver	Colour	3000K	4000K
EL.	○	<b>1T5431EL</b>	<b>1T5432EL</b>
DALI	○	<b>1T5431DA</b>	<b>1T5432DA</b>

### LED / 48W / DOWN OPAL ± 3.8 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5433EL</b>	<b>1T5434EL</b>
DALI	○	<b>1T5433DA</b>	<b>1T5434DA</b>

### LED / 16W / DOWN UGR ± 3.8 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5435EL</b>	<b>1T5436EL</b>
DALI	○	<b>1T5435DA</b>	<b>1T5436DA</b>

### LED / 24W / DOWN WW ± 3.8 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5437EL</b>	<b>1T5438EL</b>
DALI	○	<b>1T5437DA</b>	<b>1T5438DA</b>

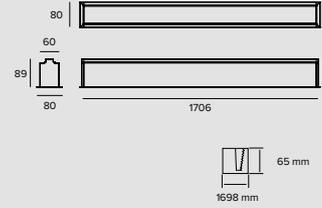
### LED / 48W / DOWN WW ± 3.8 IP20



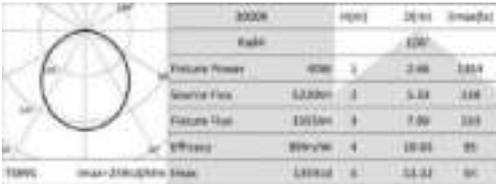
Driver	Colour	3000K	4000K
EL.	○	<b>1T5439EL</b>	<b>1T5440EL</b>
DALI	○	<b>1T5439DA</b>	<b>1T5440DA</b>



## Stand Alone Recessed with flange L. 1706mm

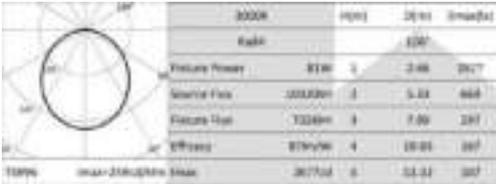


### LED / 36W / DOWN OPAL ± 5 IP20



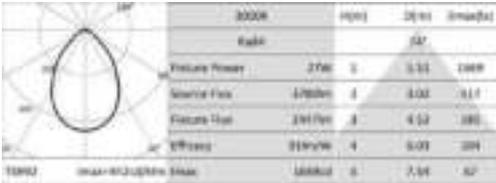
Driver	Colour	3000K	4000K
EL.	○	<b>1T5441EL</b>	<b>1T5442EL</b>
DALI	○	<b>1T5441DA</b>	<b>1T5442DA</b>

### LED / 72W / DOWN OPAL ± 5 IP20



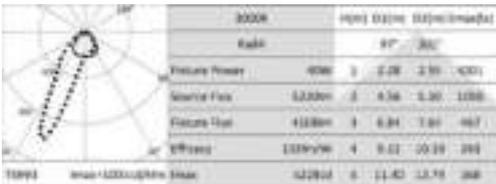
Driver	Colour	3000K	4000K
EL.	○	<b>1T5443EL</b>	<b>1T5444EL</b>
DALI	○	<b>1T5443DA</b>	<b>1T5444DA</b>

### LED / 24W / DOWN UGR ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5445EL</b>	<b>1T5446EL</b>
DALI	○	<b>1T5445DA</b>	<b>1T5446DA</b>

### LED / 36W / DOWN WW ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5447EL</b>	<b>1T5448EL</b>
DALI	○	<b>1T5447DA</b>	<b>1T5448DA</b>

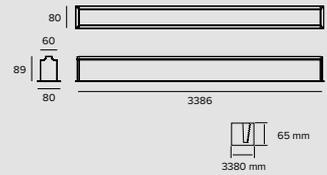
### LED / 72W / DOWN WW ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5449EL</b>	<b>1T5450EL</b>
DALI	○	<b>1T5449DA</b>	<b>1T5450DA</b>



## Stand Alone Recessed with flange L. 3386mm



### LED / 72W / DOWN OPAL ± 10.5 IP20

	3000K	4000K	3000K	4000K		
Beam	30°					
Fixture Power	81W	3	2.66	270W		
Source Flux	2000lm	3	5.33	617		
Fixture Flux	1120lm	3	7.90	300		
Efficiency	80lm/W	4	10.01	200		
TM90	max=21600lm	Beam	2100lm	6	51.31	200

Driver	Colour	3000K	4000K
EL.	○	<b>1T5451EL</b>	<b>1T5452EL</b>
DALI	○	<b>1T5451DA</b>	<b>1T5452DA</b>

### LED / 144W / DOWN OPAL ± 10.5 IP20

	3000K	4000K	3000K	4000K		
Beam	30°					
Fixture Power	162W	3	2.66	513		
Source Flux	4000lm	3	5.33	1238		
Fixture Flux	2430lm	3	7.90	300		
Efficiency	80lm/W	4	10.01	200		
TM90	max=21600lm	Beam	4200lm	6	51.31	218

Driver	Colour	3000K	4000K
EL.	○	<b>1T5453EL</b>	<b>1T5454EL</b>
DALI	○	<b>1T5453DA</b>	<b>1T5454DA</b>

### LED / 48W / DOWN UGR ± 10.5 IP20

	3000K	4000K	3000K	4000K		
Beam	30°					
Fixture Power	54W	3	5.51	318		
Source Flux	1300lm	3	4.02	314		
Fixture Flux	480lm	3	4.52	372		
Efficiency	81lm/W	4	6.01	200		
TM90	max=8100lm	Beam	810lm	6	7.59	188

Driver	Colour	3000K	4000K
EL.	○	<b>1T5455EL</b>	<b>1T5456EL</b>
DALI	○	<b>1T5455DA</b>	<b>1T5456DA</b>

### LED / 72W / DOWN WW ± 10.5 IP20

	3000K	4000K	3000K	4000K			
Beam	30°						
Fixture Power	81W	3	2.28	2.50	810		
Source Flux	2000lm	3	4.58	5.30	200		
Fixture Flux	820lm	3	6.24	7.80	304		
Efficiency	103lm/W	4	6.02	10.39	370		
TM90	max=10300lm	Beam	2000lm	6	11.42	12.76	346

Driver	Colour	3000K	4000K
EL.	○	<b>1T5457EL</b>	<b>1T5458EL</b>
DALI	○	<b>1T5457DA</b>	<b>1T5458DA</b>

## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## LED / 144W / DOWN WW



	3000K	4000K	5000K	6000K
Fixture Power	144W	144W	144W	144W
Mounting Hole	20x20mm	20x20mm	20x20mm	20x20mm
Fixture Size	1122x1135x1146mm	1682x1695x1706mm	2242x2255x2266mm	2802x2815x2826mm
Beam Angle	40°	40°	40°	40°
Beam Diameter	3000mm	3000mm	3000mm	3000mm
Beam Area	7068.58m²	7068.58m²	7068.58m²	7068.58m²
Beam Flux	10800lm	10800lm	10800lm	10800lm
Beam Illuminance	1.53lx	1.53lx	1.53lx	1.53lx

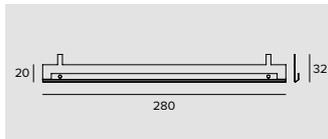
Driver	Colour	3000K	4000K
EL	○	<b>1T5459EL</b>	<b>1T5460EL</b>
DALI	○	<b>1T5459DA</b>	<b>1T5460DA</b>

### Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## Accessories

### Screen



Code

**1T6502**

Accessory designed to improve the visual comfort of the Wall Washer version.

To be installed on a standard reflector.

Made of matte black painted aluminium.

280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.

It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures. IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.

It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Zonamerica

**Architect**  
Estudio Dovat  
Arquitectos

**Lighting Design**  
Estudio Hofstadter

**Photographer**  
Ferrés - Cánepa

**Country**  
Montevideo,  
Uruguay

# THREESIXTY

## Recessed

### GENERAL INFO

Circular light fixture available in four different diameters. Can be installed recessed or semi-recessed.

Ø384mm - Ø590mm - Ø870mm - Ø1150mm

### LED

Circular boards

From 2017lm to 44809lm

3000K – 4000K

Ra84

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 106lm/W

### OPTICS

OPAL – UGR – OPAL+HALO – UGR+HALO

### POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Powder coated, extruded, calendered aluminium.

OPAL Version – Opal polycarbonate screen

UGR Version – Microprismatic PMMA screen with opal diffuser filter

A fixture with a pure and simple design in four different diameters and five different installation types : recessed, semi-recessed, ceiling mounted, suspension and wall mounted. Any light fixture can be configured in various ways when accessorised with different installation elements.

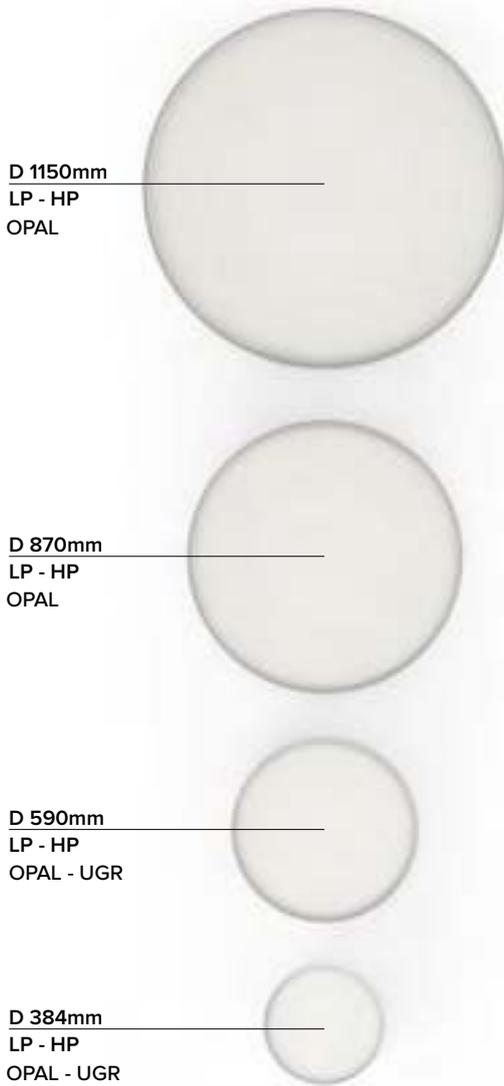
Available only with direct, direct/indirect light or in a direct light version combined with a slight indirect HALO component. a solution that is particularly suitable for the ceiling mounted, wall mounted or semi-recessed versions to create a soft frame of light. Also available in UGR<19 for the two smaller diameters.

The 384 mm and 590 mm versions can also be recessed wall mounted using a special accessory outer casing.





01



## Four different diameters

To light spaces with different characteristics. Compact solutions to light environments with limited heights and large size fixtures to light great heights and showrooms.

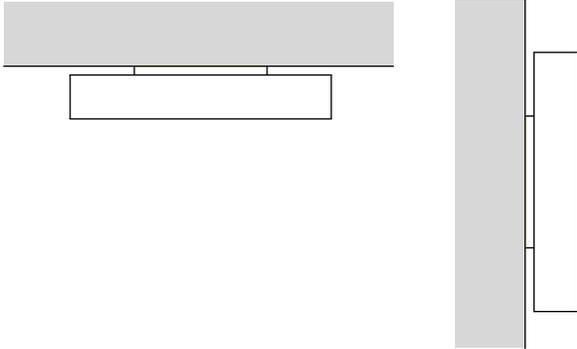
02



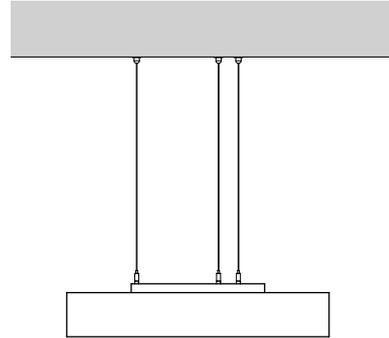
## A wide range of direct or direct/indirect lighting effects

Diffused light, controlled light UGR<19 and a particular Halo effect

## Wall and ceiling mounted



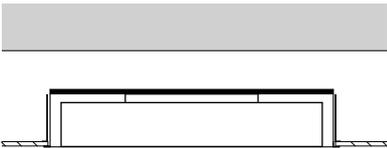
## Suspension



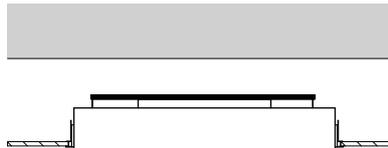
The fixture can be ceiling or wall mounted without the use of any accessories. For suspension installation a special suspension kit must be used.

## Recessed - Semi Recessed

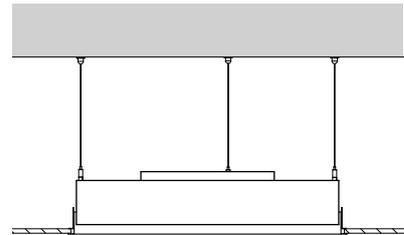
Standard frame



Frame HALO



Adjustable frame

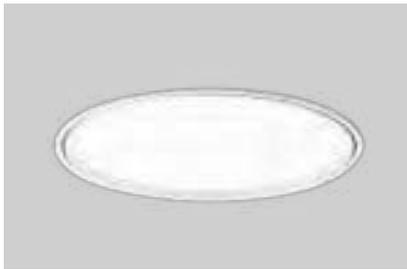


For recessed or semi-recessed installations it must be completed with special outer casings.

The 384 mm and 590 mm versions are compatible with an accessory standard or HALO version load bearing outer frame that attaches directly to the false ceiling.

The 384 mm, 590 mm, 870 mm and 1150 mm versions are compatible with a recessed non load bearing frame that attaches to the main ceiling.

# THREESIXTY



Ø 384mm



**LED / 21W / DOWN OPAL** ⊕ 3.6 IP20 IP40

	3000K	H(m)	D(m)	Area(m²)		
Beam			3.37			
Fixture Power	21W	3	3.09	830		
Source Flux	1800lm	3	4.17	118		
Fixture Flux	1800lm	3	9.16	71		
Efficiency	86lm/W	4	17.25	40		
112003	max=2100lm	max	6.86	6	35.63	35

Driver	Colour	3000K	4000K
EL.	○	<b>1T6066EL</b>	<b>1T6067EL</b>
EL.	●	<b>1T6070EL</b>	<b>1T6071EL</b>
EL.	◐	<b>1T6068EL</b>	<b>1T6069EL</b>
DALI	○	<b>1T6066DA</b>	<b>1T6067DA</b>
DALI	●	<b>1T6070DA</b>	<b>1T6071DA</b>
DALI	◐	<b>1T6068DA</b>	<b>1T6069DA</b>

**LED / 29W / DOWN OPAL** ⊕ 3.6 IP20 IP40

	3000K	H(m)	D(m)	Area(m²)		
Beam			3.37			
Fixture Power	29W	3	3.09	848		
Source Flux	2400lm	3	4.17	118		
Fixture Flux	2400lm	3	9.16	90		
Efficiency	83lm/W	4	17.25	33		
112003	max=2100lm	max	6.86	6	35.63	45

Driver	Colour	3000K	4000K
EL.	○	<b>1T6072EL</b>	<b>1T6073EL</b>
EL.	●	<b>1T6076EL</b>	<b>1T6077EL</b>
EL.	◐	<b>1T6074EL</b>	<b>1T6075EL</b>
DALI	○	<b>1T6072DA</b>	<b>1T6073DA</b>
DALI	●	<b>1T6076DA</b>	<b>1T6077DA</b>
DALI	◐	<b>1T6074DA</b>	<b>1T6075DA</b>

**LED / 13W / DOWN UGR** ⊕ 3.6 IP20 IP40

	3000K	H(m)	D(m)	Area(m²)
Beam			3.17	
Fixture Power	13W	3	3.07	302
Source Flux	1017lm	3	4.17	116
Fixture Flux	1017lm	3	9.21	38
Efficiency	78lm/W	4	9.25	40
112003	max=1100lm	max	30.36	35

Driver	Colour	3000K	4000K
EL.	○	<b>1T6102EL</b>	<b>1T6103EL</b>
EL.	●	<b>1T6106EL</b>	<b>1T6107EL</b>
EL.	◐	<b>1T6104EL</b>	<b>1T6105EL</b>
DALI	○	<b>1T6102DA</b>	<b>1T6103DA</b>
DALI	●	<b>1T6106DA</b>	<b>1T6107DA</b>
DALI	◐	<b>1T6104DA</b>	<b>1T6105DA</b>

**LED / 35W (40,5W fixture power) / OPAL + HALO** ⊕ 4.6 IP20 IP40

	3000K	H(m)	D(m)	Area(m²)		
Beam			3.37			
Fixture Power	35W	3	3.09	830		
Source Flux	3000lm	3	4.17	118		
Fixture Flux	3000lm	3	9.16	71		
Efficiency	86lm/W	4	17.25	40		
112003	max=2100lm	max	6.86	6	35.63	35

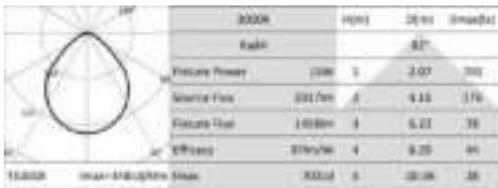
Driver	Colour	3000K	4000K
EL.	○	<b>1T6078EL</b>	<b>1T6079EL</b>
EL.	●	<b>1T6082EL</b>	<b>1T6083EL</b>
EL.	◐	<b>1T6080EL</b>	<b>1T6081EL</b>
DALI	○	<b>1T6078DA</b>	<b>1T6079DA</b>
DALI	●	<b>1T6082DA</b>	<b>1T6083DA</b>
DALI	◐	<b>1T6080DA</b>	<b>1T6081DA</b>

**LED / 43W (49,5W fixture power) / OPAL + HALO** ⊕ 4.6 IP20 IP40

	3000K	H(m)	D(m)	Area(m²)		
Beam			3.37			
Fixture Power	43W	3	3.09	848		
Source Flux	3600lm	3	4.17	118		
Fixture Flux	3600lm	3	9.16	90		
Efficiency	84lm/W	4	17.25	33		
112003	max=2100lm	max	6.86	6	35.63	45

Driver	Colour	3000K	4000K
EL.	○	<b>1T6084EL</b>	<b>1T6085EL</b>
EL.	●	<b>1T6088EL</b>	<b>1T6089EL</b>
EL.	◐	<b>1T6086EL</b>	<b>1T6087EL</b>
DALI	○	<b>1T6084DA</b>	<b>1T6085DA</b>
DALI	●	<b>1T6088DA</b>	<b>1T6089DA</b>
DALI	◐	<b>1T6086DA</b>	<b>1T6087DA</b>

**LED / 27W (31,5W fixture power) / UGR + HALO**

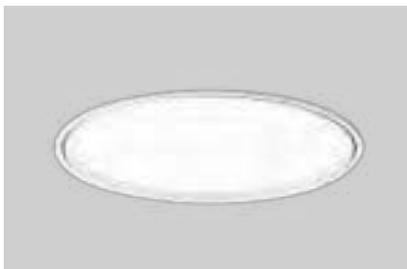


Driver	Colour	3000K	4000K
EL.	○	<b>1T6114EL</b>	<b>1T6115EL</b>
EL.	●	<b>1T6118EL</b>	<b>1T6119EL</b>
EL.	◐	<b>1T6116EL</b>	<b>1T6117EL</b>
DALI	○	<b>1T6114DA</b>	<b>1T6115DA</b>
DALI	●	<b>1T6118DA</b>	<b>1T6119DA</b>
DALI	◐	<b>1T6116DA</b>	<b>1T6117DA</b>

**Note**

HALO Version: for the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

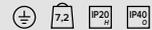
Check mounting instructions to verify the quantity of DALI drivers installed.



**Ø 590mm**

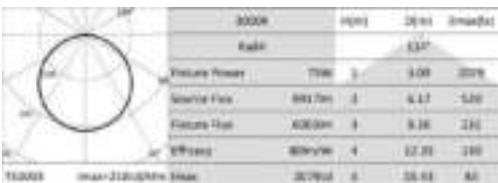


**LED / 50W / DOWN OPAL**



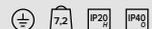
Driver	Colour	3000K	4000K
EL.	○	<b>1T6138EL</b>	<b>1T6139EL</b>
EL.	●	<b>1T6142EL</b>	<b>1T6143EL</b>
EL.	◐	<b>1T6140EL</b>	<b>1T6141EL</b>
DALI	○	<b>1T6138DA</b>	<b>1T6139DA</b>
DALI	●	<b>1T6142DA</b>	<b>1T6143DA</b>
DALI	◐	<b>1T6140DA</b>	<b>1T6141DA</b>

**LED / 67W / DOWN OPAL**



Driver	Colour	3000K	4000K
EL.	○	<b>1T6144EL</b>	<b>1T6145EL</b>
EL.	●	<b>1T6148EL</b>	<b>1T6149EL</b>
EL.	◐	<b>1T6146EL</b>	<b>1T6147EL</b>
DALI	○	<b>1T6144DA</b>	<b>1T6145DA</b>
DALI	●	<b>1T6148DA</b>	<b>1T6149DA</b>
DALI	◐	<b>1T6146DA</b>	<b>1T6147DA</b>

**LED / 31W / DOWN UGR**



Driver	Colour	3000K	4000K
EL.	○	<b>1T6174EL</b>	<b>1T6175EL</b>
EL.	●	<b>1T6178EL</b>	<b>1T6179EL</b>
EL.	◐	<b>1T6176EL</b>	<b>1T6177EL</b>
DALI	○	<b>1T6174DA</b>	<b>1T6175DA</b>
DALI	●	<b>1T6178DA</b>	<b>1T6179DA</b>
DALI	◐	<b>1T6176DA</b>	<b>1T6177DA</b>

# THREESIXTY

## LED / 70W (81W fixture power) / OPAL + HALO



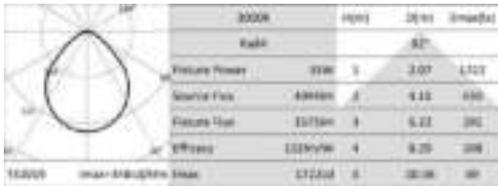
Driver	Colour	3000K	4000K
EL.	○	<b>1T6150EL</b>	<b>1T6151EL</b>
EL.	●	<b>1T6154EL</b>	<b>1T6155EL</b>
EL.	◐	<b>1T6152EL</b>	<b>1T6153EL</b>
DALI	○	<b>1T6150DA</b>	<b>1T6151DA</b>
DALI	●	<b>1T6154DA</b>	<b>1T6155DA</b>
DALI	◐	<b>1T6152DA</b>	<b>1T6153DA</b>

## LED / 87W (99W fixture power) / OPAL + HALO



Driver	Colour	3000K	4000K
EL.	○	<b>1T6156EL</b>	<b>1T6157EL</b>
EL.	●	<b>1T6160EL</b>	<b>1T6161EL</b>
EL.	◐	<b>1T6158EL</b>	<b>1T6159EL</b>
DALI	○	<b>1T6156DA</b>	<b>1T6157DA</b>
DALI	●	<b>1T6160DA</b>	<b>1T6161DA</b>
DALI	◐	<b>1T6158DA</b>	<b>1T6159DA</b>

## LED / 51W (59W fixture power) / UGR + HALO

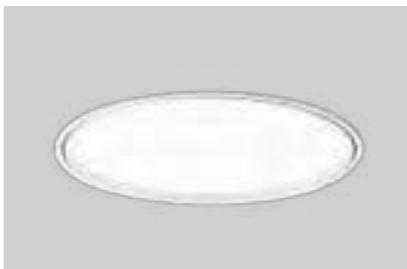


Driver	Colour	3000K	4000K
EL.	○	<b>1T6186EL</b>	<b>1T6187EL</b>
EL.	●	<b>1T6190EL</b>	<b>1T6191EL</b>
EL.	◐	<b>1T6188EL</b>	<b>1T6189EL</b>
DALI	○	<b>1T6186DA</b>	<b>1T6187DA</b>
DALI	●	<b>1T6190DA</b>	<b>1T6191DA</b>
DALI	◐	<b>1T6188DA</b>	<b>1T6189DA</b>

### Note

HALO Version: for the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

Check mounting instructions to verify the quantity of DALI drivers installed.



Ø 870mm



## LED / 113W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T6210EL</b>	<b>1T6211EL</b>
EL.	●	<b>1T6214EL</b>	<b>1T6215EL</b>
EL.	◐	<b>1T6212EL</b>	<b>1T6213EL</b>
DALI	○	<b>1T6210DA</b>	<b>1T6211DA</b>
DALI	●	<b>1T6214DA</b>	<b>1T6215DA</b>
DALI	◐	<b>1T6212DA</b>	<b>1T6213DA</b>



# THREESIXTY

LED / 243W / DOWN OPAL									
	3000K	4000K	3000K	4000K	Driver	Colour	3000K	4000K	
	Kali								
	Fixture Power	279W	3	3.09	786	EL.	○	<b>1T6252EL</b>	<b>1T6253EL</b>
	Mounting Hole	66/75mm	1	4.17	1024	EL.	●	<b>1T6256EL</b>	<b>1T6257EL</b>
	Fixture Size	212x186mm	4	9.16	813	EL.	◐	<b>1T6254EL</b>	<b>1T6255EL</b>
	Efficiency	81lm/W	4	12.25	483	DALI	○	<b>1T6252DA</b>	<b>1T6253DA</b>
1T6253	max=212x186mm	max	786mm	6	35.53	308			
					DALI	●	<b>1T6256DA</b>	<b>1T6257DA</b>	
					DALI	◐	<b>1T6254DA</b>	<b>1T6255DA</b>	

LED / 226W (258W fixture power) / OPAL + HALO									
	3000K	4000K	3000K	4000K	Driver	Colour	3000K	4000K	
	Kali								
	Fixture Power	258W	3	3.09	876	EL.	○	<b>1T6258EL</b>	<b>1T6259EL</b>
	Mounting Hole	276/336mm	1	4.17	1048	EL.	●	<b>1T6262EL</b>	<b>1T6263EL</b>
	Fixture Size	262x216mm	4	9.16	843	EL.	◐	<b>1T6260EL</b>	<b>1T6261EL</b>
	Efficiency	81lm/W	4	12.25	483	DALI	○	<b>1T6258DA</b>	<b>1T6259DA</b>
1T6261	max=212x186mm	max	876mm	6	35.53	347			
					DALI	●	<b>1T6262DA</b>	<b>1T6263DA</b>	
					DALI	◐	<b>1T6260DA</b>	<b>1T6261DA</b>	

LED / 286W (325W fixture power) / OPAL + HALO									
	3000K	4000K	3000K	4000K	Driver	Colour	3000K	4000K	
	Kali								
	Fixture Power	279W	3	3.09	786	EL.	○	<b>1T6264EL</b>	<b>1T6265EL</b>
	Mounting Hole	66/75mm	1	4.17	1024	EL.	●	<b>1T6268EL</b>	<b>1T6269EL</b>
	Fixture Size	212x186mm	4	9.16	813	EL.	◐	<b>1T6266EL</b>	<b>1T6267EL</b>
	Efficiency	81lm/W	4	12.25	483	DALI	○	<b>1T6264DA</b>	<b>1T6265DA</b>
1T6267	max=212x186mm	max	786mm	6	35.53	308			
					DALI	●	<b>1T6268DA</b>	<b>1T6269DA</b>	
					DALI	◐	<b>1T6266DA</b>	<b>1T6267DA</b>	

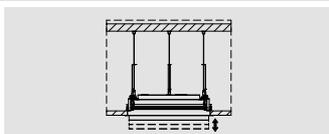
## Note

HALO Version: for the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

Check mounting instructions to verify the quantity of DALI drivers installed.

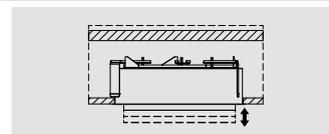
## Related codes

### Insertion Box



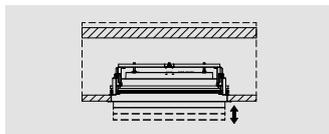
Cutout hole	Ø	Colour	Code
Ø410	421	○	<b>1T6291</b>
Ø410	421	●	<b>1T6292</b>
Ø410	421	◐	<b>1T6293</b>
Ø615	627	○	<b>1T6294</b>
Ø615	627	●	<b>1T6295</b>
Ø615	627	◐	<b>1T6296</b>
Ø895	907	○	<b>1T6297</b>
Ø895	907	●	<b>1T6298</b>
Ø895	907	◐	<b>1T6299</b>
Ø1175	1187	○	<b>1T6300</b>
Ø1175	1187	●	<b>1T6301</b>
Ø1175	1187	◐	<b>1T6302</b>

Adjustable frame for semi or completely recessed installation.  
 Non load bearing frame compatible with all sizes.  
 Powder coated, extruded, calendered aluminium body.  
 The outer casing attaches to the ceiling with pre-galvanised steel brackets.  
 The fixture must then be fixed to the ceiling using a suspension cable with an ABS control system installed in the outer casing.



Cutout hole	Ø	Colour	Code
Ø450	460	○	<b>1T6401</b>
Ø450	460	●	<b>1T6402</b>
Ø450	460	◐	<b>1T6403</b>
Ø660	670	○	<b>1T6404</b>
Ø660	670	●	<b>1T6405</b>
Ø660	670	◐	<b>1T6406</b>

Casing for semi or completely recessed installation.  
 Load bearing outer casing measuring 384mm and 590mm.  
 Powder coated, spun aluminium body.  
 The outer casing attaches to the ceiling with pre-galvanised steel brackets.  
 Halo Version.

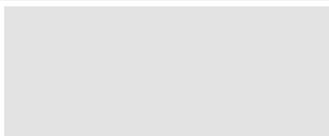


Cutout hole	Ø	Colour	Code
Ø410	421	○	<b>1T6303</b>
Ø410	421	●	<b>1T6304</b>
Ø410	421	◐	<b>1T6305</b>
Ø615	627	○	<b>1T6306</b>
Ø615	627	●	<b>1T6307</b>
Ø615	627	◐	<b>1T6308</b>

Frame for semi or completely recessed installation.  
 Load bearing outer frame measuring 384mm and 590mm.  
 Powder coated, extruded, calendered aluminium body.  
 The outer frame attaches to the ceiling with pre-galvanised steel brackets.  
 Standard Version.

## Accessories

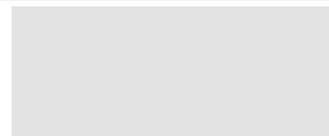
### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
 It generates a local DALI bus that can control individual fixtures.  
 The module can be connected to an existing DALI network.  
 The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
 The devices create a wireless mesh network that can control up to 128 fixtures.  
 IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
 It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
 Can control DALI fixtures in indoor applications.  
 It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

THREESIXTY





# CCTLED Downlight

## GENERAL INFO

LED recessed Classic and trimless downlight.

CCT LED Ø175mm

CCT LED MINI Ø120mm

CCT LED MICRO Ø80mm

## LED

Chip on board

From 1798lm to 4462lm

2700K (excluding the MINI and MICRO version)

3000K – 4000K

Ra84

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code (excluding the MICRO and SMART HE version).

Ra97 only for selected codes

## PRODUCT EFFICACY

Up to 144lm/W

## OPTICS

SMART HE – TECH – FEEL – DEEP

WALL WASHER

SP - FL - WFL

## POWER SUPPLY

Electronic – DALI

1-10V only for Ø175mm version

Emergency kit available as an accessory.

Casambi control: the DALI version is fitted with special accessories.

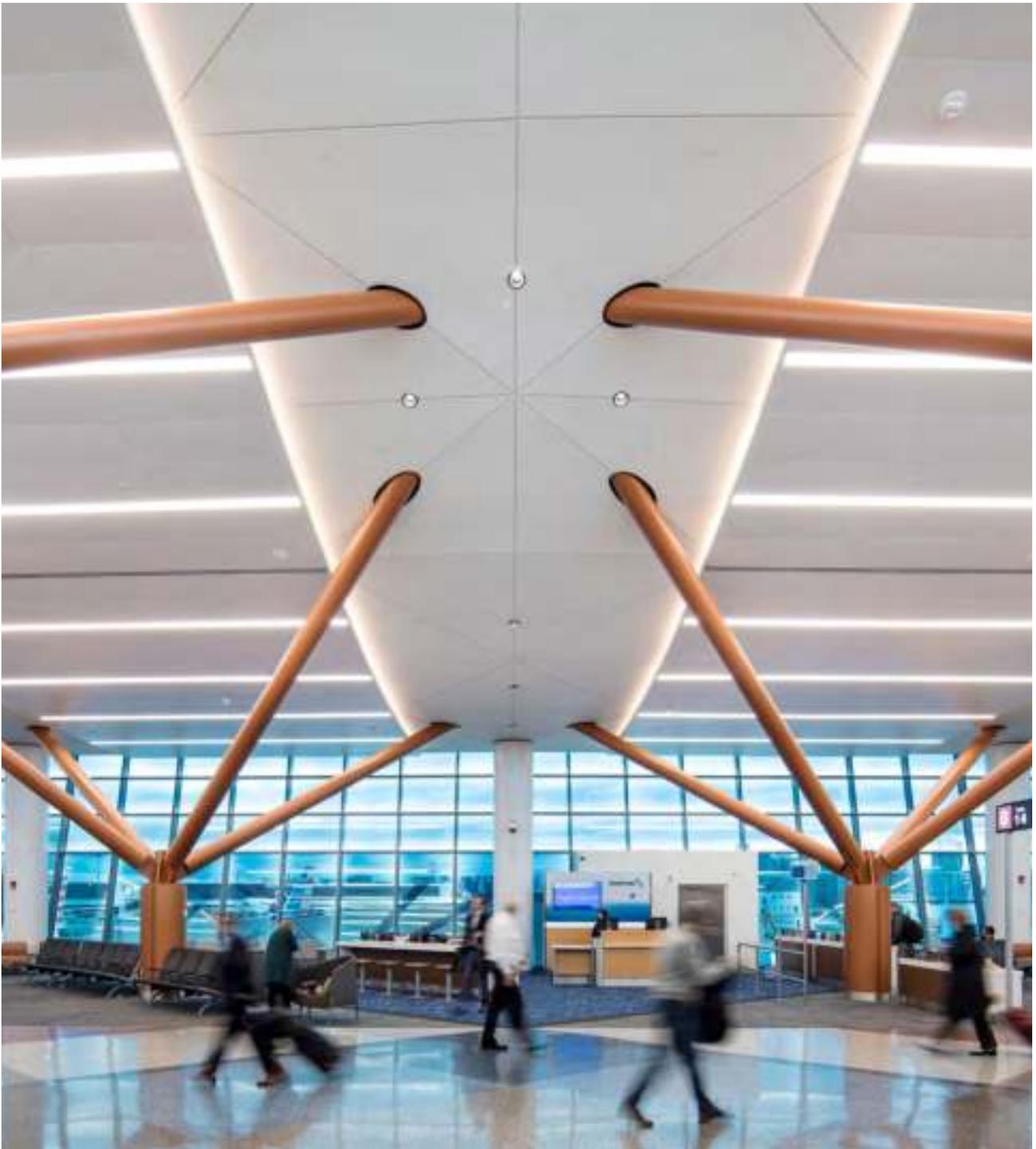
## MATERIAL

Die-cast aluminium white painted for the recessed trimless versions, black painted die-cast aluminium for the recessed ring versions.

CCTLED is the range of LED products with various applications and optical solutions. Available in three different sizes - CCTLED, CCTLED Mini AND CCTLED Micro - they have the same design and colour consistency of the source to provide coordinated solutions for different project needs.

Also available with optics that are suitable for offices (UGR<19) and a classic ring or trimless finish for complete integration into the architecture.





# Boston Logan Airport Terminal B

**Lighting Design**  
Collaborative  
LIGHTING, LLC

**Country**  
Boston - USA

01  
CCTLED



A complete range to light any environment

From offices where visual comfort is indispensable to common spaces where it is necessary to combine performance with excellent light quality.

Smart High Efficacy versions available

Equipped with high performance LED lamps, they achieve an efficiency equal to 144 lm/W.

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02  
CCTLED Mini

---

03  
CCTLED Micro



A wide range of  
performance

And optical possibilities while keeping the same design and colour constancy between the various LED lamps allows for great freedom of design.

3 sizes, 5 power  
supplies and 7  
different optical  
solutions

Provide the same family feeling.

---

04  
CCTLED



SMART optic

The ideal solution for diffused and perfectly homogeneous general lighting. Its soft light is the result of the combination between the particular geometry of the reflector and the micro-prismatic dome refractor that shields the LED lamp distributing the light in a soft and diffused way.

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05  
CCTLED



TECH optic

It can be installed not only in all those environments that are governed by EN12464-1 regulations relating to limits on direct glare, but also in spaces with high or double volume ceilings where light control is critical to ensure good illumination values, precision and visual comfort. The first reflector emits light in an efficient and controlled way; the second creates a luminous ring that enhances the overall effect.

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## 06 CCTLED



## Ottica FEEL

A technical solution for an effective, comfortable light, in line with EN 12464-1 (UGR<19) regulations. The highly sophisticated optical system works on reflection, hiding the lamp from sight for maximum visual comfort.

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## 07 CCTLED



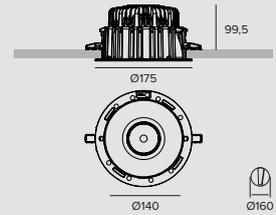
## Wall Washer optic

It is ideal for lighting up large vertical surfaces. A 120 cm spacing between each fixture is sufficient to provide a completely uniform effect.

# CCTLED DOWNLIGHT



## Smart HE Facetted



**LED / 17W / FACETTED / VWFL** □ 1.3 IP20 IP43 ENEC

Beam Angle	3000K	4000K	2700K	3000K	4000K
Beam	83°				
Fixture Power	17W	3	0.71	1218	
Mounting Hole	Ø140mm	3	0.82	Ø90	
Fixture Size	Ø175mm	3	0.74	Ø74	
Efficiency	130lm/W	4	0.80	87	
Max. Temperature Rise	178K	5	0.56	52	

Driver	2700K	3000K	4000K
EL.	<b>1T6995EL</b>	<b>1T6979EL</b>	<b>1T6980EL</b>
1-10V	<b>1T6995D</b>	<b>1T6979D</b>	<b>1T6980D</b>
DALI	<b>1T6995DA</b>	<b>1T6979DA</b>	<b>1T6980DA</b>

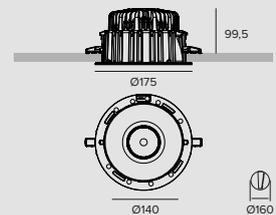
**LED / 23W / FACETTED / VWFL** □ 1.3 IP20 IP43 ENEC

Beam Angle	3000K	4000K	2700K	3000K	4000K
Beam	83°				
Fixture Power	23W	3	0.71	1318	
Mounting Hole	Ø140mm	3	0.82	Ø90	
Fixture Size	Ø175mm	3	0.74	Ø74	
Efficiency	137lm/W	4	0.80	119	
Max. Temperature Rise	202K	5	0.56	85	

Driver	2700K	3000K	4000K
EL.	<b>1T6996EL</b>	<b>1T6981EL</b>	<b>1T6982EL</b>
1-10V	<b>1T6996D</b>	<b>1T6981D</b>	<b>1T6982D</b>
DALI	<b>1T6996DA</b>	<b>1T6981DA</b>	<b>1T6982DA</b>



## Smart HE Matt



**LED / 17W / MATT / VWFL** □ 1.3 IP20 IP43 ENEC

Beam Angle	3000K	4000K	2700K	3000K	4000K
Beam	83°				
Fixture Power	17W	3	0.81	1488	
Mounting Hole	Ø140mm	3	0.86	Ø75	
Fixture Size	Ø175mm	3	0.80	Ø85	
Efficiency	130lm/W	4	0.82	85	
Max. Temperature Rise	178K	5	0.55	59	

Driver	2700K	3000K	4000K
EL.	<b>1T6997EL</b>	<b>1T6983EL</b>	<b>1T6984EL</b>
1-10V	<b>1T6997D</b>	<b>1T6983D</b>	<b>1T6984D</b>
DALI	<b>1T6997DA</b>	<b>1T6983DA</b>	<b>1T6984DA</b>

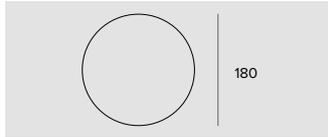
**LED / 23W / MATT / VWFL** □ 1.3 IP20 IP43 ENEC

Beam Angle	3000K	4000K	2700K	3000K	4000K
Beam	83°				
Fixture Power	23W	3	0.81	1598	
Mounting Hole	Ø140mm	3	0.86	Ø85	
Fixture Size	Ø175mm	3	0.80	Ø75	
Efficiency	130lm/W	4	0.82	117	
Max. Temperature Rise	202K	5	0.55	82	

Driver	2700K	3000K	4000K
EL.	<b>1T6998EL</b>	<b>1T6985EL</b>	<b>1T6986EL</b>
1-10V	<b>1T6998D</b>	<b>1T6985D</b>	<b>1T6986D</b>
DALI	<b>1T6998DA</b>	<b>1T6985DA</b>	<b>1T6986DA</b>

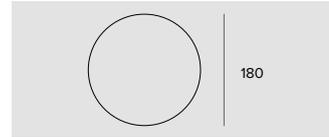
## Related codes

### Decorative Ring



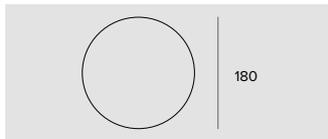
Ø	Colour	Code
180	○	<b>1T2933</b>
180	●	<b>1T3529</b>

Round ring.



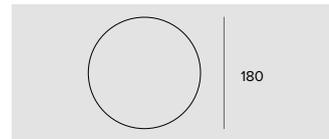
Ø	Colour	Code
180	○	<b>1T2935</b>
180	●	<b>1T3530</b>

Square ring.



Ø	Colour	Code
180	○	<b>1T2939</b>

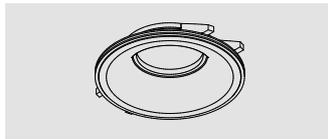
Square ring with external silk screen printed screen.  
IP43.



Ø	Colour	Code
180	○	<b>1T3035</b>

Square ring with micro prismatic diffusive screen.  
IP43.

### Plaster



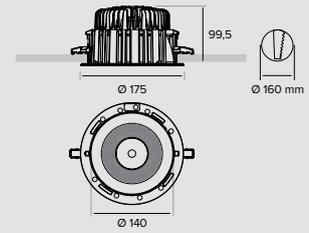
Cutout hole	Code
Ø367	<b>1T4213</b>

Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.

# CCTLED DOWNLIGHT



## Tech Secondary faceted



### LED / 15W / SECONDARY FACETTED / WFL



Driver	2700K	3000K	4000K
EL.	<b>1T3256EL</b>	<b>1T2921EL</b>	<b>1T2922EL</b>
1-10V	<b>1T3256D</b>	<b>1T2921D</b>	<b>1T2922D</b>
DALI	<b>1T3256DA</b>	<b>1T2921DA</b>	<b>1T2922DA</b>

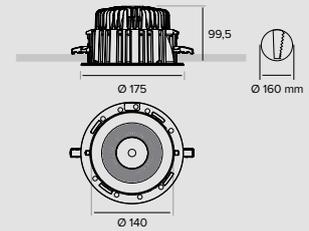
### LED / 21W / SECONDARY FACETTED / WFL



Driver	2700K	3000K	4000K
EL.	<b>1T3257EL</b>	<b>1T2923EL</b>	<b>1T2924EL</b>
1-10V	<b>1T3257D</b>	<b>1T2923D</b>	<b>1T2924D</b>
DALI	<b>1T3257DA</b>	<b>1T2923DA</b>	<b>1T2924DA</b>



## Tech Secondary matt



### LED / 15W / SECONDARY MATT / WFL



Driver	2700K	3000K	4000K
EL.	<b>1T3258EL</b>	<b>1T2925EL</b>	<b>1T2926EL</b>
1-10V	<b>1T3258D</b>	<b>1T2925D</b>	<b>1T2926D</b>
DALI	<b>1T3258DA</b>	<b>1T2925DA</b>	<b>1T2926DA</b>

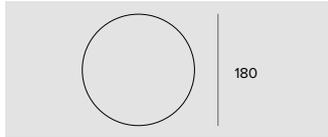
### LED / 21W / SECONDARY MATT / WFL



Driver	2700K	3000K	4000K
EL.	<b>1T3259EL</b>	<b>1T2927EL</b>	<b>1T2928EL</b>
1-10V	<b>1T3259D</b>	<b>1T2927D</b>	<b>1T2928D</b>
DALI	<b>1T3259DA</b>	<b>1T2927DA</b>	<b>1T2928DA</b>

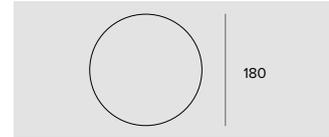
## Related codes

### Decorative Ring



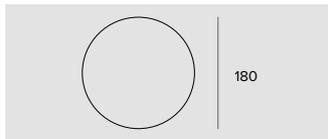
Ø	Colour	Code
180	○	<b>1T2933</b>
180	●	<b>1T3529</b>

Round ring.



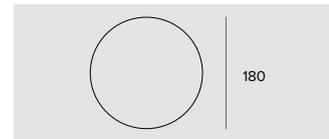
Ø	Colour	Code
180	○	<b>1T2934</b>
180	●	<b>1T3531</b>

XL ring.



Ø	Colour	Code
180	○	<b>1T2935</b>
180	●	<b>1T3530</b>

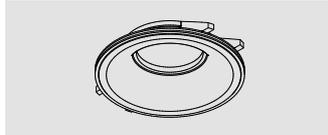
Square ring.



Ø	Colour	Code
180	○	<b>1T2939</b>

Square ring with external silk screen printed screen.  
IP43.

### Plaster



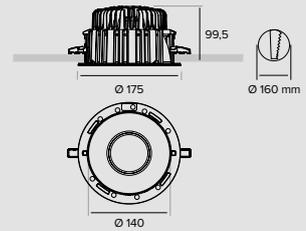
Cutout hole	Code
Ø367	<b>1T4213</b>

Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.

# CCTLED DOWNLIGHT



**Feel Facetted**



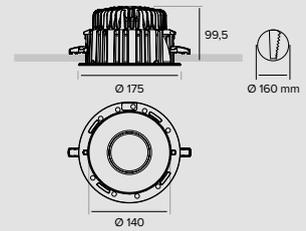
**LED / 14W / FACETTED / VWFL** □ 1.3 IP20 IP43 ENEC

	3000K	4000K	2700K	3000K
Beam	30°	30°	30°	30°
Fixture Power	12W	5	5.08	9W
Source Flux	1200lm	5	2.96	240
Fixture Size	140mm	5	4.94	200
Efficiency	80lm/W	4	5.92	80
TH94	max=1000lm/W	max	11.70	80

Driver	2700K	3000K	4000K
EL.	<b>1T3260EL</b>	<b>1T2929EL</b>	<b>1T2930EL</b>
1-10V	<b>1T3260D</b>	<b>1T2929D</b>	<b>1T2930D</b>
DALI	<b>1T3260DA</b>	<b>1T2929DA</b>	<b>1T2930DA</b>



**Feel Matt**



**LED / 14W / MATT / WFL** □ 1.3 IP20 IP43 ENEC

	3000K	4000K	2700K	3000K
Beam	30°	30°	30°	30°
Fixture Power	12W	5	5.02	9W
Source Flux	1200lm	5	2.82	215
Fixture Size	140mm	5	4.21	200
Efficiency	80lm/W	4	5.54	80
TH94	max=1000lm/W	max	7.05	80

Driver	2700K	3000K	4000K
EL.	<b>1T3261EL</b>	<b>1T2931EL</b>	<b>1T2932EL</b>
1-10V	<b>1T3261D</b>	<b>1T2931D</b>	<b>1T2932D</b>
DALI	<b>1T3261DA</b>	<b>1T2931DA</b>	<b>1T2932DA</b>

## Related codes

**Decorative Ring**

	Round ring.	Square ring.
	Ø 180	Ø 180
	Colour	Colour
	Code	Code
	180 ○ <b>1T2933</b>	180 ○ <b>1T2935</b>
	180 ● <b>1T3529</b>	180 ● <b>1T3530</b>

**Plaster**

	Ø 180
	Colour
	Code
	180 ○ <b>1T2939</b>

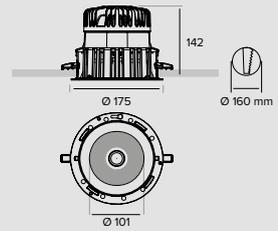
	Cutout hole
	Code
	Ø367 <b>1T4213</b>

Square ring with external silk screen printed screen. IP43.

Plaster ring for installation in false ceilings. To be completed with a decorative ring.



## Deep



LED / 33W / SP		Driver		3000K		4000K	
	3000K	4000K	EL.	<b>1T3157EL</b>	<b>1T3158EL</b>		
	4000K	3000K	1-10V	<b>1T3157D</b>	<b>1T3158D</b>		
	3000K	4000K	DALI	<b>1T3157DA</b>	<b>1T3158DA</b>		
	4000K	3000K					

LED / 33W / FL		Driver		3000K		4000K	
	3000K	4000K	EL.	<b>1T3159EL</b>	<b>1T3160EL</b>		
	4000K	3000K	1-10V	<b>1T3159D</b>	<b>1T3160D</b>		
	3000K	4000K	DALI	<b>1T3159DA</b>	<b>1T3160DA</b>		
	4000K	3000K					

## Related codes

Decorative Ring			
		Ø	Colour
		180	○
		180	●
		Code	
		<b>1T2933</b>	
		<b>1T3529</b>	

Round ring.

Square ring.

		Ø	Colour
		180	○
		Code	
		<b>1T2939</b>	

Square ring with external silk screen printed screen.  
IP43.

Plaster	
Cutout hole	Code
Ø367	<b>1T4213</b>

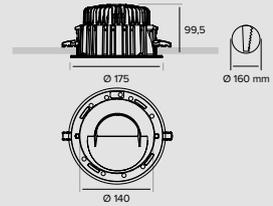
Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.

## Recessed

# CCTLED DOWNLIGHT



## Wall Washer



### LED / 21W / WALL WASHER



Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
Beam angle	27°	30°	34°	38°	42°	47°
Beam diameter	102mm	115mm	131mm	146mm	162mm	179mm
Beam area	1000cm²	1280cm²	1700cm²	2000cm²	2600cm²	3200cm²
Beam length	1000mm	1150mm	1310mm	1460mm	1620mm	1790mm
Beam weight	1.3kg	1.5kg	1.7kg	1.9kg	2.1kg	2.3kg

Driver	2700K	3000K	4000K
EL.	<b>1T3368EL</b>	<b>1T3369EL</b>	<b>1T3370EL</b>
1-10V	<b>1T3368D</b>	<b>1T3369D</b>	<b>1T3370D</b>
DALI	<b>1T3368DA</b>	<b>1T3369DA</b>	<b>1T3370DA</b>

### LED / 33W / WALL WASHER

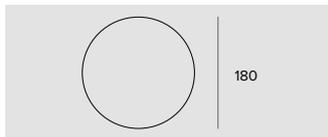


Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
Beam angle	27°	30°	34°	38°	42°	47°
Beam diameter	102mm	115mm	131mm	146mm	162mm	179mm
Beam area	1000cm²	1280cm²	1700cm²	2000cm²	2600cm²	3200cm²
Beam length	1000mm	1150mm	1310mm	1460mm	1620mm	1790mm
Beam weight	1.3kg	1.5kg	1.7kg	1.9kg	2.1kg	2.3kg

Driver	2700K	3000K	4000K
EL.	<b>1T3371EL</b>	<b>1T3372EL</b>	<b>1T3373EL</b>
1-10V	<b>1T3371D</b>	<b>1T3372D</b>	<b>1T3373D</b>
DALI	<b>1T3371DA</b>	<b>1T3372DA</b>	<b>1T3373DA</b>

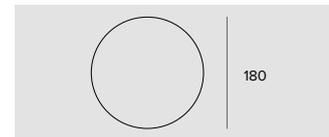
## Related codes

### Decorative Ring



Ø	Colour	Code
180	○	<b>1T2933</b>
180	●	<b>1T3529</b>

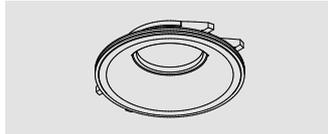
Round ring.



Ø	Colour	Code
180	○	<b>1T2935</b>
180	●	<b>1T3530</b>

Square ring.

### Plaster

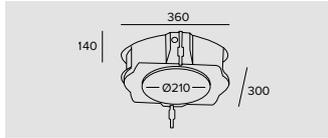


Cutout hole	Code
Ø367	<b>1T4213</b>

Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.

# Accessories

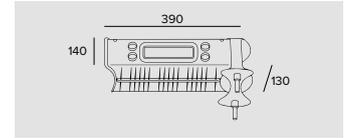
## Carter



Code

**1T2960**

Housing for concrete installation.  
Polycarbonate box to be used for installation in brick or reinforced concrete walls and ceilings.  
To be completed with driver housing and a special grid.  
Accessory is not compatible with the DEEP and Trimless versions.

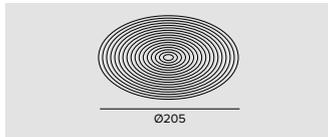


Code

**1T2961**

Carter for concrete installation of the external driver.  
Polycarbonate box to house the external driver to be used together with the carter for concrete installation in brick or reinforced concrete ceilings and walls.  
Accessory is not compatible with the DEEP and Trimless versions.

## Installation grid

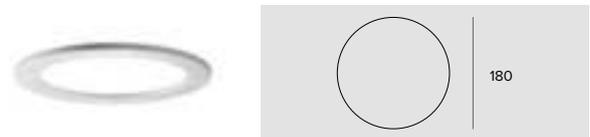


Code

**1T2962**

Installation grid.  
White polycarbonate radial grid for installation of the fixture in the dedicated carter.  
The special ring shape of the grid allows for simple and safe plastering of the fixture.  
Accessory is not compatible with the DEEP and Trimless versions.

## IP Kit



Ø

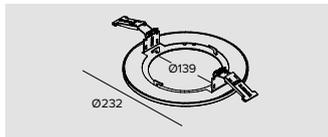
Code

180

**1T2937**

IP54 ring.  
Square ring with transparent screen.  
Accessories not compatible with Trimless versions.

## Insertion Ring



Code

**1T3725**

Retrofit kit for CCTLed Classic.  
White polycarbonate outer ring with bayonet locking system.  
Outer ring suitable for recessed holes of between 190 and 215mm.  
The accessory is not compatible with the decorative rings available for CCTLed.  
Accessories not compatible with Trimless versions.

## Emergency Kit



Code

**1T3144**

Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

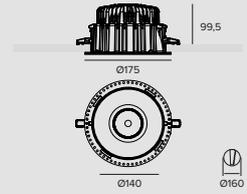
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED DOWNLIGHT



## Smart HE Trimless Facetted



### LED / 17W / FACETTED / VWFL



	3000K	H(m)	20(m)	3000K
Beam				87
Fixture Power	17W	3	0.71	1210
Mounting Hole	Ø140mm	3	0.82	960
Fixture Size	130mm	3	0.74	174
Efficiency	130lm/W	4	0.80	87
17W	1700lm	3	0.56	62

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T6999EL</b>	<b>1T6987EL</b>	<b>1T6988EL</b>
1-10V	○	<b>1T6999D</b>	<b>1T6987D</b>	<b>1T6988D</b>
DALI	○	<b>1T6999DA</b>	<b>1T6987DA</b>	<b>1T6988DA</b>

### LED / 23W / FACETTED / VWFL

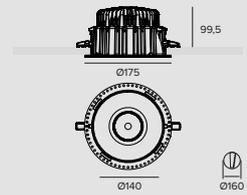


	3000K	H(m)	20(m)	3000K
Beam				87
Fixture Power	23W	3	0.71	1310
Mounting Hole	Ø140mm	3	0.82	1040
Fixture Size	130mm	3	0.74	187
Efficiency	137lm/W	4	0.80	110
23W	2610lm	3	0.56	85

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T7000EL</b>	<b>1T6989EL</b>	<b>1T6990EL</b>
1-10V	○	<b>1T7000D</b>	<b>1T6989D</b>	<b>1T6990D</b>
DALI	○	<b>1T7000DA</b>	<b>1T6989DA</b>	<b>1T6990DA</b>



## Smart HE Trimless Matt



### LED / 17W / MATT / VWFL



	3000K	H(m)	20(m)	3000K
Beam				87
Fixture Power	17W	3	0.81	1180
Mounting Hole	Ø140mm	3	0.86	1170
Fixture Size	130mm	3	0.80	165
Efficiency	130lm/W	4	0.82	85
17W	1700lm	3	0.55	60

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T7001EL</b>	<b>1T6991EL</b>	<b>1T6992EL</b>
1-10V	○	<b>1T7001D</b>	<b>1T6991D</b>	<b>1T6992D</b>
DALI	○	<b>1T7001DA</b>	<b>1T6991DA</b>	<b>1T6992DA</b>

### LED / 23W / MATT / VWFL

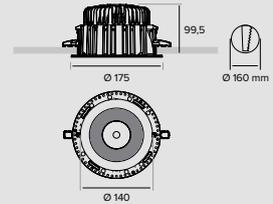


	3000K	H(m)	20(m)	3000K
Beam				87
Fixture Power	23W	3	0.81	1210
Mounting Hole	Ø140mm	3	0.86	1040
Fixture Size	130mm	3	0.80	170
Efficiency	130lm/W	4	0.82	117
23W	2610lm	3	0.55	82

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T7002EL</b>	<b>1T6993EL</b>	<b>1T6994EL</b>
1-10V	○	<b>1T7002D</b>	<b>1T6993D</b>	<b>1T6994D</b>
DALI	○	<b>1T7002DA</b>	<b>1T6993DA</b>	<b>1T6994DA</b>



## Tech Trimless Secondary faceted



### LED / 15W / SECONDARY FACETTED / WFL



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3266EL</b>	<b>1T2948EL</b>	<b>1T2949EL</b>
1-10V	○	<b>1T3266D</b>	<b>1T2948D</b>	<b>1T2949D</b>
DALI	○	<b>1T3266DA</b>	<b>1T2948DA</b>	<b>1T2949DA</b>

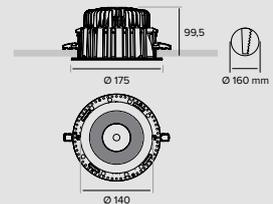
### LED / 21W / SECONDARY FACETTED / WFL



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3267EL</b>	<b>1T2950EL</b>	<b>1T2951EL</b>
1-10V	○	<b>1T3267D</b>	<b>1T2950D</b>	<b>1T2951D</b>
DALI	○	<b>1T3267DA</b>	<b>1T2950DA</b>	<b>1T2951DA</b>



## Tech Trimless Secondary matt



### LED / 15W / SECONDARY MATT / WFL



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3268EL</b>	<b>1T2952EL</b>	<b>1T2953EL</b>
1-10V	○	<b>1T3268D</b>	<b>1T2952D</b>	<b>1T2953D</b>
DALI	○	<b>1T3268DA</b>	<b>1T2952DA</b>	<b>1T2953DA</b>

### LED / 21W / SECONDARY MATT / WFL

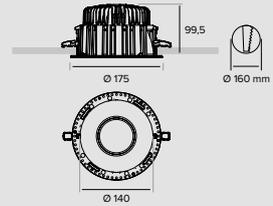


Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3269EL</b>	<b>1T2954EL</b>	<b>1T2955EL</b>
1-10V	○	<b>1T3269D</b>	<b>1T2954D</b>	<b>1T2955D</b>
DALI	○	<b>1T3269DA</b>	<b>1T2954DA</b>	<b>1T2955DA</b>

# CCTLED DOWNLIGHT



## Feel Trimless Facetted



### LED / 14W / FACETTED / VWFL

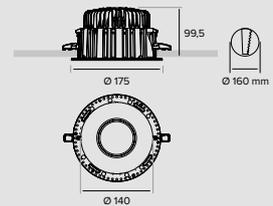


	3000K	4000K	2700K	3000K
Beam	75°			
Fixture Power	14W	5	5.00	9W
Mounting Hole	120mm	5	2.56	240
Fixture Size	162mm	5	4.94	200
Efficiency	80lm/W	4	5.02	80
Beam	120mm	5	7.50	80

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3270EL</b>	<b>1T2956EL</b>	<b>1T2957EL</b>
1-10V	○	<b>1T3270D</b>	<b>1T2956D</b>	<b>1T2957D</b>
DALI	○	<b>1T3270DA</b>	<b>1T2956DA</b>	<b>1T2957DA</b>



## Feel Trimless Matt



### LED / 14W / MATT / WFL

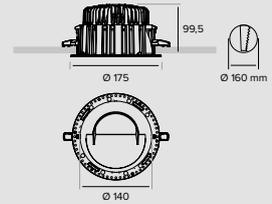


	3000K	4000K	2700K	3000K
Beam	70°			
Fixture Power	14W	5	5.02	9W
Mounting Hole	120mm	5	2.82	215
Fixture Size	120mm	5	4.23	200
Efficiency	80lm/W	4	5.54	80
Beam	120mm	5	7.05	80

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3271EL</b>	<b>1T2958EL</b>	<b>1T2959EL</b>
1-10V	○	<b>1T3271D</b>	<b>1T2958D</b>	<b>1T2959D</b>
DALI	○	<b>1T3271DA</b>	<b>1T2958DA</b>	<b>1T2959DA</b>



## Wall Washer Trimless



### LED / 21W / WALL WASHER



Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
Fixture Power	21W	2	2.47	3.40	3.87	
Mounting Hole	102.0mm	2	0.24	0.31	0.35	
Fixture Size	120x60mm	1	0.20	0.36	0.43	
Efficiency	100lm/W	4	0.46	0.61	0.72	
Beam angle	180°	0	0.58	0.27	0.2	

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3374EL</b>	<b>1T3375EL</b>	<b>1T3376EL</b>
1-10V	○	<b>1T3374D</b>	<b>1T3375D</b>	<b>1T3376D</b>
DALI	○	<b>1T3374DA</b>	<b>1T3375DA</b>	<b>1T3376DA</b>

### LED / 33W / WALL WASHER



Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
Fixture Power	33W	2	3.47	4.40	4.97	
Mounting Hole	102.0mm	2	0.24	0.31	0.35	
Fixture Size	120x60mm	1	0.20	0.36	0.43	
Efficiency	100lm/W	4	0.46	0.61	0.72	
Beam angle	180°	0	0.58	0.27	0.2	

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3377EL</b>	<b>1T3378EL</b>	<b>1T3379EL</b>
1-10V	○	<b>1T3377D</b>	<b>1T3378D</b>	<b>1T3379D</b>
DALI	○	<b>1T3377DA</b>	<b>1T3378DA</b>	<b>1T3379DA</b>

## Accessories

### Emergency Kit



Code

**1T3144**

Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

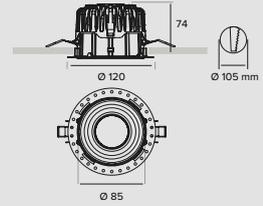
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED DOWNLIGHT



**Mini  
standard - trimless**



LED / 12W / MATT / WFL						
	3000K	4000K	30°	30°	30°	30°
	Kali		35°			
	Fixture Power	12W	0	0.54	0.54	0.54
	Mounting Hole	102mm	0	0.08	0.08	0.08
	Fixture Size	120mm	0	4.62	4.62	4.62
Efficiency	120lm/W	4	0.15	0.15	0.15	
T8MM	120mm	0	7.70	7.70	7.70	7.70

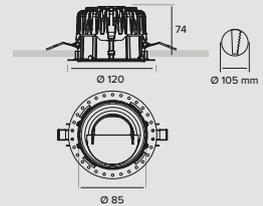
Driver	3000K	4000K
EL.	<b>1T4821EL</b>	<b>1T4822EL</b>
DALI	<b>1T4821DA</b>	<b>1T4822DA</b>

LED / 17W / MATT / WFL						
	3000K	4000K	30°	30°	30°	30°
	Kali		35°			
	Fixture Power	17W	0	0.54	0.54	0.54
	Mounting Hole	102mm	0	0.08	0.08	0.08
	Fixture Size	120mm	0	4.62	4.62	4.62
Efficiency	120lm/W	4	0.15	0.15	0.15	
T8MM	120mm	0	7.70	7.70	7.70	7.70

Driver	3000K	4000K
EL.	<b>1T4823EL</b>	<b>1T4824EL</b>
DALI	<b>1T4823DA</b>	<b>1T4824DA</b>



**Mini Wall Washer  
standard - trimless**



LED / 12W / WALL WASHER						
	3000K	4000K	60°	60°	60°	60°
	Kali		70°			
	Fixture Power	12W	0	1.36	1.36	1.36
	Mounting Hole	102mm	0	0.08	0.08	0.08
	Fixture Size	120mm	0	4.62	4.62	4.62
Efficiency	120lm/W	4	0.26	0.26	0.26	
T8MM	120mm	0	7.70	7.70	7.70	7.70

Driver	3000K	4000K
EL.	<b>1T4825EL</b>	<b>1T4826EL</b>
DALI	<b>1T4825DA</b>	<b>1T4826DA</b>

LED / 17W / WALL WASHER						
	3000K	4000K	60°	60°	60°	60°
	Kali		70°			
	Fixture Power	17W	0	1.36	1.36	1.36
	Mounting Hole	102mm	0	0.08	0.08	0.08
	Fixture Size	120mm	0	4.62	4.62	4.62
Efficiency	120lm/W	4	0.26	0.26	0.26	
T8MM	120mm	0	7.70	7.70	7.70	7.70

Driver	3000K	4000K
EL.	<b>1T4827EL</b>	<b>1T4828EL</b>
DALI	<b>1T4827DA</b>	<b>1T4828DA</b>

# Accessories

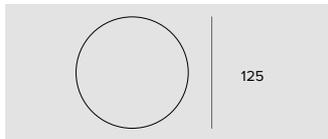
## Insertion Ring



Cutout hole	Colour	Code
Ø125	○	<b>1T5242</b>
Ø125	●	<b>1T5243</b>
Ø125	●	<b>1T5244</b>

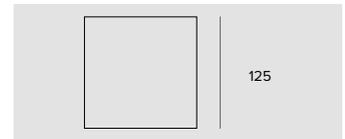
Accessory for trimless inspectable installation.  
Secondary reflector.

## Decorative Ring



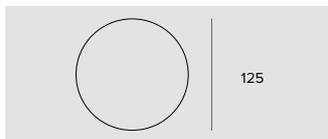
Ø	Colour	Code
125	○	<b>1T4696</b>
125	●	<b>1T4697</b>

Round ring.



L	Colour	Code
125	○	<b>1T4698</b>
125	●	<b>1T4699</b>

Square ring.



Ø	Colour	Code
125	○	<b>1T4704</b>
125	●	<b>1T4705</b>

Round ring (IP54).

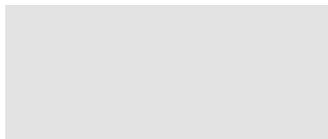
## Emergency Kit



Code
<b>1T3144</b>

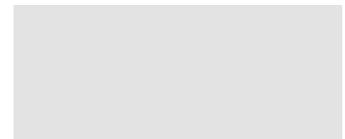
Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

## Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



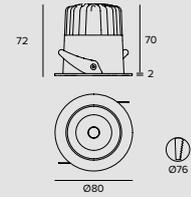
Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED DOWNLIGHT



**Micro**



LED / 12W / WFL								
	3000K	4000K	20°	30°	Power supply	Colour	3000K	4000K
	White				350mA	○	<b>1T6373</b>	<b>1T6374</b>
	Fixture Power	12W	5	5.00	350mA	●	<b>1T6375</b>	<b>1T6376</b>
	Mounting Hole	170mm	4	2.00				
	Fixture Size	130mm	4	4.10				
	Efficiency	210lm/W	4	4.13				
	Beam Spread	170mm	5	5.10				

## Related codes

Power Supply	
Code	Code
<b>1T6503</b>	<b>1T6504</b>
Electronic power supply max 15W, LxHxP=101.5x29.5x51mm, 220-240V-AC 50-60Hz, 350mA, IP20.	DALI dimmable electronic power supply max 15W, LxHxP=146.5x30x44mm, 220-240V-AC 50-60Hz, 350mA, IP20.

## Accessories

Emergency Kit	
Code	
<b>1T3144</b>	
Emergency kit. Inverter + 3h battery pack. For CCTLED Architectural Mini: no NSP version. IP20.	

## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCT Flash LED

## GENERAL INFO

Recessed downlight  
CCTLED Ø225mm

## LED

COB Chip on board  
From 2342lm to 2403lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Up to 104lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic - DALI  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Body and ring in white polycarbonate.

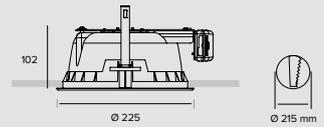
Recessed LED fixture that combines high performance and excellent light distribution. Quick and easy to install, with a high efficiency soft light.

Perfect retrofit of fluorescent versions with a cutout hole 215mm diameter.





**LED**



LED / 17W / VWFL									
	3000K	4000K	5000K	6000K	Driver	Colour	3000K	4000K	
	Kalk			70°	EL.	○	<b>1T4304</b>	<b>1T4305</b>	
	Fixture Power	17W	0	0.45	1.123	DALI	○	<b>1T4304DA</b>	<b>1T4305DA</b>
	Mounting Hole	104.2mm	4	4.50	118				
Fixture Size	130.6mm	4	4.90	116					
Efficiency	123lm/W	4	0.40	92					
18014	max=ledlightline 18014	1.11.11.18	0	0.20	60				

## Accessories

**Diffuser**

Code  
**47282**

Decorative cylindrical component made of transparent sandblasted polycarbonate.

**Screen**

Code  
**1T1173**

Polycarbonate IP44 screen, transparent in the centre. Cannot be mounted together with the decorative metal ring.

Code  
**1T1245**

Polycarbonate IP44 screen, sandblasted in the centre. Cannot be mounted together with the decorative metal ring.

**Glass**

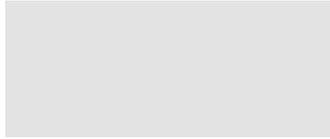
Code  
**47293**

Tempered flush mounted IP24 glass, silk screen printed in the centre. IP44 protection degree is obtained by combining the decorative ring, made of polycarbonate, and the borosilicate glass.

Code  
**47294**

Tempered flush mounted IP24 glass, sandblasted in the centre. IP44 protection degree is obtained by combining the decorative ring, made of polycarbonate, and the borosilicate glass.

# CCT FLASH



Code

**47291**

Tempered protruding IP44 glass, silk screen printed at the centre.

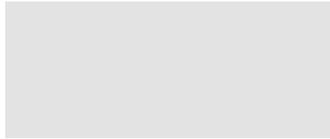


Code

**47292**

Tempered protruding IP44 glass, sandblasted at the centre.

## Mounting System



L	Ø	Code
290	212	<b>47382</b>
390	212	<b>47385</b>

Plate for plank ceiling mounting.  
The plates with a side measurement of 290mm can be installed on planks with a 300 or 100mm opening and take up the space of 1 or 3 components, respectively.  
The plates with a side measurement of 390mm can be installed on planks with a 200mm opening and take up the space of 2 components.

## IP Kit

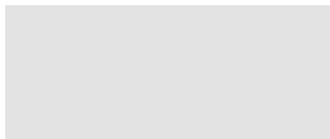


Code

**1T2418**

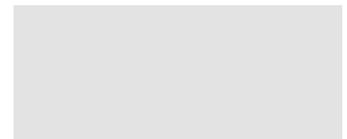
IP54 Kit. Silicone sealing kit for round ring.  
The IP54 degree of protection is obtained by combining the silicone kit with the protective screens IP44.

## Decorative Ring



Colour	Code
○	<b>47274</b>

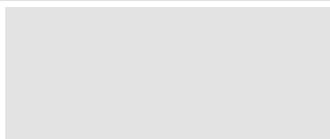
Decorative ring made of polycarbonate.  
IP44 protection degree is obtained by combining the decorative ring, made of polycarbonate, and the borosilicate glass.



Colour	Code
Chrome	<b>54091</b>
Aluminium	<b>54091L</b>
Brushed steel	<b>1T1463</b>

Decorative ring made of metal.  
It can only be used with flush glass.

## Emergency Kit



Code

**1T3144**

Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED

## Architectural

### GENERAL INFO

Fixed and Adjustable recessed projectors  
 CCTLED Ø175mm  
 CCTLED MINI Ø120mm  
 CCTLED MICRO Ø80mm

### LED

Chip on board  
 From 200lm to 8749lm  
 2700K – 3000K – 4000K  
 Ra84  
 Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.  
 Ra97 on selected codes.  
 MINI GU10 version LED lamps not included.

### PRODUCT EFFICACY

Up to 120lm/W

### OPTICS

NSP – SP – FL – MWFL – WFL  
 DBS - Digital beam opening control  
 SP – FL – WFL for only MICRO version

### POWER SUPPLY

Electronic – DALI  
 1-10V per only Ø175mm version.  
 Emergency kit available as an accessory.  
 Casambi control: DBS version Casambi on board. DALI version is fitted with special accessories.

### MATERIAL

Black painted die-cast aluminium body for the ring version, white painted for the trimless versions.  
 Adjustable 355° in the horizontal plane and 30° in the vertical plane with micrometric aiming system. Double aiming lock.

A range of recessed projectors for professional lighting from the CCTLED range. The construction, size and original heat sink are inherited from the downlight version in a low luminance projected light version designed for professional architectural lighting that meets performance, precision and versatility requirements.

Available in three different sizes - **CCTLED Architectural**, **Mini** and **Micro** - in the double fixed and adjustable version; the first two are both recessed and trimless. Also available in a DBS - Dynamic Beam Shaper-version for the ø175mm version.

		CCTLED	CCTLED HP	CCTLED MINI	CCTLED MICRO
		Ø 175mm	Ø 175mm	Ø 120mm	Ø 80mm
LED	Flux (lm)	2289-4441	8533-8749	200-2520	1798-1855
	Power	14W-33W	54W	3W-18W	12W

### OPTICS

NSP	Lenticular			•	
	Hybrid	•			
SP	Lenticular			•	
	Hybrid				
	Reflector	•	•		
FL	Lenticular			•	
	Hybrid	•			
	Reflector	•	•		•
MWFL	Reflector	•		•	
WFL	Reflector	•		•	•
DBS	Changeable	•			





## Chaoyang Park Plaza

**Architect**  
Ma Yansong,  
MAD Architects

**Country**  
Beijing - China

01  
CCTLED Architectural



The largest version  
in the range with a  
diameter of 175mm

It is available in a fixed and adjustable double version with two different finishes Classic and Trimless. The versatility of CTLED ARCHITECTURAL is given by the different optical systems that produce beams from NSP, SP, FL, MWFL and WFL. The high quality LED lamps and the wide range of power supply and control solutions make it a complete and extraordinarily efficient professional fixture.

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## 02 CCTLED Architectural Mini



The Mini version is the most elegant solution in the range

Because it combines design flexibility and particular attention to detail. A small recessed projector that conceals its technological heart and blends in with the architecture thanks to the different aesthetic solutions available.

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## 03 CCTLED Architectural Micro



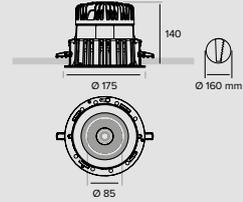
The Micro version is the latest fixture in the range

The 12W power output versions are available with three different beam openings: SP, FL and WFL. Precision PMMA optics for high efficiency solutions with beams with soft gradient tones make it particularly suitable for example for Retail installations or in Entertainment environments. The LED lamp is retracted to ensure maximum visual comfort. With an installation depth of just 76mm and an 80mm diameter, the MICRO version has a maximum adjustability of 30° on the vertical plane.

# CCTLED ARCHITECTURAL



**Fixed**



**LED / 14W / HYBRID / NSP** □ 1.6 IP20 IP23

Beam	3000K	4000K	2700K	3000K	4000K
Beam	30°				
Fixture Power	14W	0	0.17	20708	
Source Flux	3032lm	4	0.28	7621	
Fixture Flux	12000lm	3	0.52	3888	
Efficiency	718lm/W	4	0.29	1307	
Beam	3000K	0	0.26	1320	

Driver	2700K	3000K	4000K
EL.	<b>1T4805EL</b>	<b>1T4801EL</b>	<b>1T4802EL</b>
1-10V	<b>1T4805D</b>	<b>1T4801D</b>	<b>1T4802D</b>
DALI	<b>1T4805DA</b>	<b>1T4801DA</b>	<b>1T4802DA</b>

**LED / 26W / HYBRID / FL** □ 1.6 IP20 IP23

Beam	3000K	4000K	2700K	3000K	4000K
Beam	33°				
Fixture Power	26W	0	0.38	7934	
Source Flux	4827lm	4	0.47	1088	
Fixture Flux	1367lm	3	0.75	843	
Efficiency	739lm/W	4	0.53	473	
Beam	3000K	0	0.52	463	

Driver	2700K	3000K	4000K
EL.	<b>1T4815EL</b>	<b>1T4811EL</b>	<b>1T4812EL</b>
1-10V	<b>1T4815D</b>	<b>1T4811D</b>	<b>1T4812D</b>
DALI	<b>1T4815DA</b>	<b>1T4811DA</b>	<b>1T4812DA</b>

**LED / 25W / REFLECTOR / MWFL** □ 1.6 IP20 IP23 ENEC

Beam	3000K	4000K	2700K	3000K	4000K
Beam	43°				
Fixture Power	25W	0	0.42	5812	
Source Flux	3888lm	4	0.49	1488	
Fixture Flux	1123lm	3	0.56	843	
Efficiency	1239lm/W	4	0.28	310	
Beam	3000K	0	0.42	288	

Driver	2700K	3000K	4000K
EL.	<b>1T3551EL</b>	<b>1T3114EL</b>	<b>1T3115EL</b>
1-10V	<b>1T3551D</b>	<b>1T3114D</b>	<b>1T3115D</b>
DALI	<b>1T3551DA</b>	<b>1T3114DA</b>	<b>1T3115DA</b>

**LED / 25W / REFLECTOR / WFL** □ 1.6 IP20 IP23 ENEC

Beam	3000K	4000K	2700K	3000K	4000K
Beam	50°				
Fixture Power	25W	0	0.44	6286	
Source Flux	3888lm	4	0.36	1007	
Fixture Flux	1888lm	3	0.36	612	
Efficiency	1279lm/W	4	0.42	294	
Beam	3000K	0	0.44	362	

Driver	2700K	3000K	4000K
EL.	<b>1T3553EL</b>	<b>1T3118EL</b>	<b>1T3119EL</b>
1-10V	<b>1T3553D</b>	<b>1T3118D</b>	<b>1T3119D</b>
DALI	<b>1T3553DA</b>	<b>1T3118DA</b>	<b>1T3119DA</b>

**LED / 33W / REFLECTOR / SP** □ 1.6 IP20 IP23 ENEC

Beam	3000K	4000K	2700K	3000K	4000K
Beam	44°				
Fixture Power	33W	0	0.33	3792	
Source Flux	4323lm	4	0.36	8178	
Fixture Flux	1888lm	3	0.73	318	
Efficiency	1319lm/W	4	0.36	2118	
Beam	3000K	0	0.36	1318	

Driver	2700K	3000K	4000K
EL.	<b>1T3548EL</b>	<b>1T3108EL</b>	<b>1T3109EL</b>
1-10V	<b>1T3548D</b>	<b>1T3108D</b>	<b>1T3109D</b>
DALI	<b>1T3548DA</b>	<b>1T3108DA</b>	<b>1T3109DA</b>

**LED / 33W / REFLECTOR / FL**



Driver	2700K	3000K	4000K
EL.	<b>1T3550EL</b>	<b>1T3112EL</b>	<b>1T3113EL</b>
1-10V	<b>1T3550D</b>	<b>1T3112D</b>	<b>1T3113D</b>
DALI	<b>1T3550DA</b>	<b>1T3112DA</b>	<b>1T3113DA</b>

**LED / 33W / REFLECTOR / MWFL**



Driver	2700K	3000K	4000K
EL.	<b>1T3552EL</b>	<b>1T3116EL</b>	<b>1T3117EL</b>
1-10V	<b>1T3552D</b>	<b>1T3116D</b>	<b>1T3117D</b>
DALI	<b>1T3552DA</b>	<b>1T3116DA</b>	<b>1T3117DA</b>

**LED / 33W / REFLECTOR / WFL**

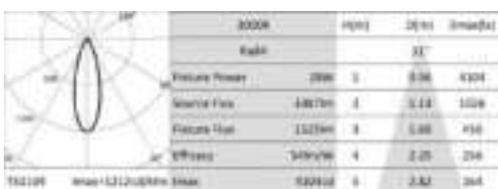


Driver	2700K	3000K	4000K
EL.	<b>1T3554EL</b>	<b>1T3120EL</b>	<b>1T3121EL</b>
1-10V	<b>1T3554D</b>	<b>1T3120D</b>	<b>1T3121D</b>
DALI	<b>1T3554DA</b>	<b>1T3120DA</b>	<b>1T3121DA</b>

**LED / 26W / DBS**



Driver	2700K	3000K	4000K
CASAMBI		<b>1T6971CA</b>	<b>1T6972CA</b>



# CCTLED ARCHITECTURAL

## Related codes

### Decorative Ring




Ø	Colour	Code
180	○	<b>1T2933</b>
180	●	<b>1T3529</b>

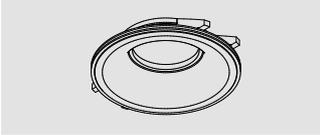
Round ring.




Ø	Colour	Code
180	○	<b>1T2935</b>
180	●	<b>1T3530</b>

Square ring.

### Plaster

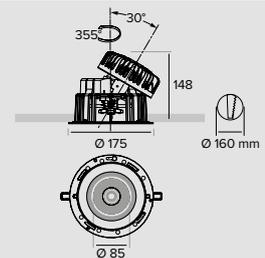



Cutout hole	Code
Ø367	<b>1T4213</b>

Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.



**Adjustable**



### LED / 14W / HYBRID / NSP / CR184



	3000K	H(m)	20(m)	3000K
Beam	10°			
Fixture Power	14W	3	0.27	30700
Source Flux	1800lm	4	0.80	7627
Fixture Flux	12000lm	3	0.52	3889
Efficiency	71lm/W	4	0.89	1307
TSR20 - Beam-12000lm/3000K - Beam	30700lm	4	0.86	1220

Driver	2700K	3000K	4000K
EL.	<b>1T4806EL</b>	<b>1T4797EL</b>	<b>1T4798EL</b>
1-10V	<b>1T4806D</b>	<b>1T4797D</b>	<b>1T4798D</b>
DALI	<b>1T4806DA</b>	<b>1T4797DA</b>	<b>1T4798DA</b>

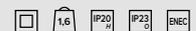
### LED / 26W / HYBRID / FL / CR184



	3000K	H(m)	20(m)	3000K
Beam	13°			
Fixture Power	26W	3	0.58	7956
Source Flux	3800lm	4	1.17	3889
Fixture Flux	12670lm	3	1.75	649
Efficiency	73lm/W	4	1.33	472
TSR20 - Beam-12670lm/3000K - Beam	7956lm	4	1.92	562

Driver	2700K	3000K	4000K
EL.	<b>1T4816EL</b>	<b>1T4819EL</b>	<b>1T4820EL</b>
1-10V	<b>1T4816D</b>	<b>1T4819D</b>	<b>1T4820D</b>
DALI	<b>1T4816DA</b>	<b>1T4819DA</b>	<b>1T4820DA</b>

### LED / 25W / REFLECTOR / MWFL / CR184



	3000K	H(m)	20(m)	3000K
Beam	43°			
Fixture Power	25W	3	0.62	3812
Source Flux	3800lm	4	1.40	3889
Fixture Flux	12320lm	3	2.50	649
Efficiency	152lm/W	4	2.28	345
TSR20 - Beam-12320lm/3000K - Beam	3812lm	4	1.10	235

Driver	2700K	3000K	4000K
EL.	<b>1T3559EL</b>	<b>1T3082EL</b>	<b>1T3083EL</b>
1-10V	<b>1T3559D</b>	<b>1T3082D</b>	<b>1T3083D</b>
DALI	<b>1T3559DA</b>	<b>1T3082DA</b>	<b>1T3083DA</b>

**LED / 25W / REFLECTOR / WFL / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3561EL</b>	<b>1T3086EL</b>	<b>1T3087EL</b>
1-10V	<b>1T3561D</b>	<b>1T3086D</b>	<b>1T3087D</b>
DALI	<b>1T3561DA</b>	<b>1T3086DA</b>	<b>1T3087DA</b>

**LED / 33W / REFLECTOR / SP / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3556EL</b>	<b>1T3076EL</b>	<b>1T3077EL</b>
1-10V	<b>1T3556D</b>	<b>1T3076D</b>	<b>1T3077D</b>
DALI	<b>1T3556DA</b>	<b>1T3076DA</b>	<b>1T3077DA</b>

**LED / 33W / REFLECTOR / SP / CRI97**



Driver	2700K	3000K	4000K
EL.		<b>1T4264EL</b>	
1-10V		<b>1T4264D</b>	
DALI		<b>1T4264DA</b>	

**LED / 33W / REFLECTOR / FL / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3558EL</b>	<b>1T3080EL</b>	<b>1T3081EL</b>
1-10V	<b>1T3558D</b>	<b>1T3080D</b>	<b>1T3081D</b>
DALI	<b>1T3558DA</b>	<b>1T3080DA</b>	<b>1T3081DA</b>

**LED / 33W / REFLECTOR / FL / CRI97**



Driver	2700K	3000K	4000K
EL.		<b>1T4266EL</b>	
1-10V		<b>1T4266D</b>	
DALI		<b>1T4266DA</b>	

**LED / 33W / REFLECTOR / MWFL / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3560EL</b>	<b>1T3084EL</b>	<b>1T3085EL</b>
1-10V	<b>1T3560D</b>	<b>1T3084D</b>	<b>1T3085D</b>
DALI	<b>1T3560DA</b>	<b>1T3084DA</b>	<b>1T3085DA</b>

**LED / 33W / REFLECTOR / MWFL / CRI97**



Driver	2700K	3000K	4000K
EL.		<b>1T4268EL</b>	
1-10V		<b>1T4268D</b>	
DALI		<b>1T4268DA</b>	

# CCTLED ARCHITECTURAL

## LED / 33W / REFLECTOR / WFL / CRI84



3000K	4000K	20°	30°	40°
Beam				
Fixture Power	33W	3	5.13	6900
Source Flux	4312lm	4	2.26	1320
Fixture Flux	1817lm	3	1.26	544
Efficiency	127lm/W	4	4.31	206
TS218	33W-123120/33W	33W	30°/12	3

Driver	2700K	3000K	4000K
EL	<b>1T3562EL</b>	<b>1T3088EL</b>	<b>1T3089EL</b>
1-10V	<b>1T3562D</b>	<b>1T3088D</b>	<b>1T3089D</b>
DALI	<b>1T3562DA</b>	<b>1T3088DA</b>	<b>1T3089DA</b>

## LED / 33W / REFLECTOR / WFL / CRI97



3000K	4000K	20°	30°	40°
Beam				
Fixture Power	33W	3	5.13	6770
Source Flux	4312lm	4	2.26	843
Fixture Flux	1817lm	3	1.26	519
Efficiency	127lm/W	4	4.31	216
TS218	33W-123120/33W	33W	30°/12	3

Driver	2700K	3000K	4000K
EL		<b>1T4270EL</b>	
1-10V		<b>1T4270D</b>	
DALI		<b>1T4270DA</b>	

## LED / 26W / DBS / CRI84



3000K	4000K	20°	30°	40°
Beam				
Fixture Power	26W	3	5.29	1800
Source Flux	4307lm	4	3.30	616
Fixture Flux	1838lm	3	3.75	218
Efficiency	165lm/W	4	3.00	130
TS218	26W-182120/26W	26W	30°/12	3

Driver	2700K	3000K	4000K
CASAMBI		<b>1T6975CA</b>	<b>1T6976CA</b>

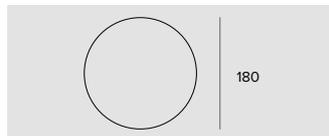
3000K	4000K	20°	30°	40°
Beam				
Fixture Power	26W	3	5.29	6770
Source Flux	4307lm	4	3.30	1088
Fixture Flux	1838lm	3	3.88	752
Efficiency	165lm/W	4	3.72	413
TS218	26W-189940/26W	26W	30°/12	3

3000K	4000K	20°	30°	40°
Beam				
Fixture Power	26W	3	5.29	4324
Source Flux	4307lm	4	3.33	1028
Fixture Flux	1838lm	3	3.88	458
Efficiency	165lm/W	4	2.25	234
TS218	26W-121120/26W	26W	30°/12	3

3000K	4000K	20°	30°	40°
Beam				
Fixture Power	26W	3	5.29	1800
Source Flux	4307lm	4	3.33	688
Fixture Flux	1838lm	3	3.30	117
Efficiency	165lm/W	4	3.34	121
TS218	26W-17740/26W	26W	30°/12	3

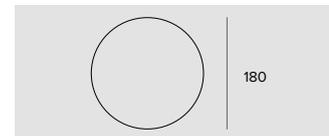
## Related codes

### Decorative Ring



Ø	Colour	Code
180	○	<b>1T2933</b>
180	●	<b>1T3529</b>

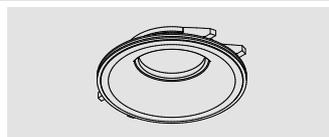
Round ring.



Ø	Colour	Code
180	○	<b>1T2935</b>
180	●	<b>1T3530</b>

Square ring.

### Plaster

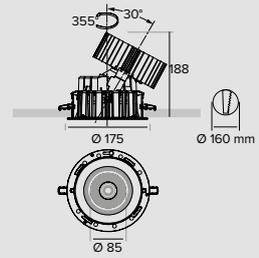


Cutout hole	Code
Ø367	<b>1T4213</b>

Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.



## HP Adjustable



LED / 54W / REFLECTOR / SP							
	3000K	4000K	30°	Driver	3000K	4000K	
	Kali			EL.	<b>1T4838EL</b>	<b>1T4839EL</b>	
	Fixture Power	54W	5	0.91	1-10V	<b>1T4838D</b>	<b>1T4839D</b>
	Mounting Hole	85.4mm	4	0.81	DALI	<b>1T4838DA</b>	<b>1T4839DA</b>
	Fixture Size	1257mm	4	1.01			
Efficiency	133lm/W	4	0.81				
TSR13	Imax=2000000000	0	2.00				

LED / 54W / REFLECTOR / FL							
	3000K	4000K	30°	Driver	3000K	4000K	
	Kali			EL.	<b>1T4840EL</b>	<b>1T4841EL</b>	
	Fixture Power	54W	5	0.91	1-10V	<b>1T4840D</b>	<b>1T4841D</b>
	Mounting Hole	85.4mm	4	0.79	DALI	<b>1T4840DA</b>	<b>1T4841DA</b>
	Fixture Size	1213mm	4	0.91			
Efficiency	133lm/W	4	0.78				
TSR13	Imax=2000000000	0	1.22				

## Related codes

Decorative Ring										
		180	○	Code			180			
			180	○				<b>1T2933</b>	○	<b>1T2935</b>
			180	●				<b>1T3529</b>	●	<b>1T3530</b>
Round ring.										
Square ring.										

Plaster	
	Cutout hole    Code Ø367 <b>1T4213</b>

Plaster ring for installation in false ceilings.  
To be completed with a decorative ring.

# CCTLED ARCHITECTURAL

## Accessories

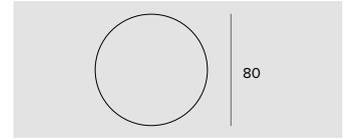
### Reflector



Colour	Code
	<b>1T3138</b>
	<b>1T3139</b>
	<b>1T3422</b>

Secondary reflector.

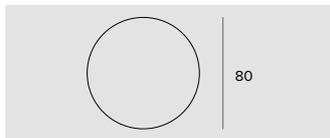
### Grid



Ø	Code
80	<b>1T3423</b>

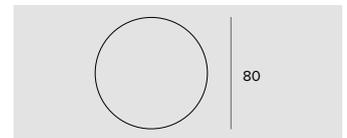
Anti-glare louver.  
Black painted metal honeycomb structure.

### Filter



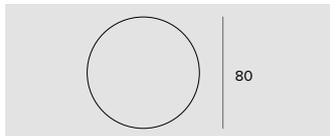
Filter	Ø	Code
Red	80	<b>1T3424</b>
Green	80	<b>1T3425</b>
Blue	80	<b>1T3426</b>
Yellow	80	<b>1T3427</b>
Magenta	80	<b>1T3428</b>

Flat glass interference chromatic filter.



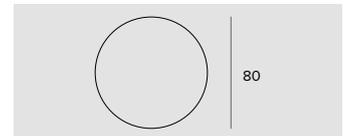
Ø	Code
80	<b>1T3141</b>

Flat glass, grooved refractive blade light filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.



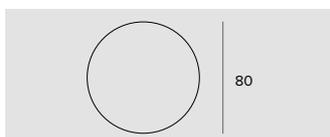
Ø	Code
80	<b>1T3140</b>

Flat glass micro prismatic refractive diffusive filter.  
This softens the luminous effect.



Filter	Ø	Code
Halogen +	80	<b>1T6382</b>
Vivid +	80	<b>1T6384</b>

Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	80	<b>1T6386</b>
Fish	80	<b>1T6388</b>
Bread	80	<b>1T6390</b>
Vegetables	80	<b>1T6392</b>

Food filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6386**

To be used only with 3000K and Ra80 fixtures.

**1T6388**

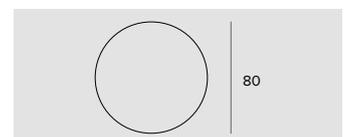
To be used only with 4000K and Ra80 fixtures.

**1T6390**

To be used only with 3000K and Ra80 fixtures.

**1T6392**

To be used only with 3000K and Ra80 fixtures.

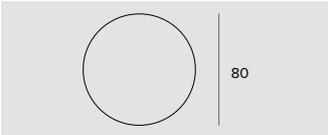


Filter	Ø	Code
Beauty	80	<b>1T6394</b>

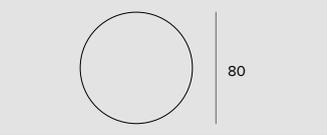
Beauty filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.

Cut-off	
	
Ø	Code
80	<b>1T3142</b>

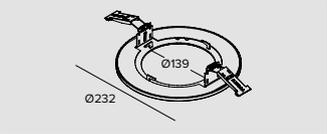
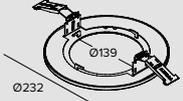
Cut-off Tube.  
Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.

Zoom	
	
Ø	Code
80	<b>1T3432</b>

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It makes it possible to obtain a variable beam from 15° to 60°.  
It can not be used with NSP and hybrid optics; no for DBS version.

IP Kit	
	
Ø	Code
180	<b>1T2937</b>

IP54 ring.  
Square ring with transparent screen.  
Accessories not compatible with Trimless versions.

Insertion Ring	
	
	Code
	<b>1T3725</b>

Retrofit kit for CCTLed Classic.  
White polycarbonate outer ring with bayonet locking system.  
Outer ring suitable for recessed holes of between 190 and 215mm.  
The accessory is not compatible with the decorative rings available for CCTLed.  
Accessories not compatible with Trimless versions.

Cable	
	
	Code
	<b>1T2833</b>

Sync cable. It synchronizes the dimming between 2 drivers.  
It is possible to connect up to 10 drivers in order to maintain a uniform effect for all fixtures.

Emergency Kit	
	
	Code
	<b>1T3144</b>

Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

Control systems			
			
	Code		Code
	<b>1T5349</b>		<b>1T5352</b>

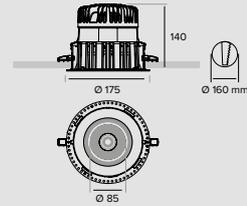
Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED ARCHITECTURAL



## Fixed Trimless

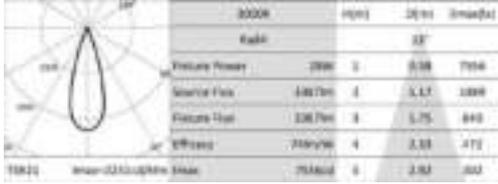


### LED / 14W / HYBRID / NSP



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T4807EL</b>	<b>1T4803EL</b>	<b>1T4804EL</b>
1-10V	○	<b>1T4807D</b>	<b>1T4803D</b>	<b>1T4804D</b>
DALI	○	<b>1T4807DA</b>	<b>1T4803DA</b>	<b>1T4804DA</b>

### LED / 26W / HYBRID / FL



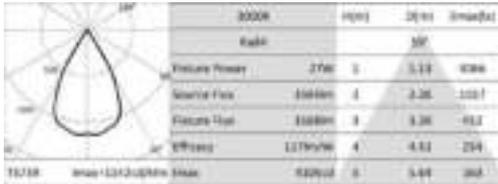
Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T4817EL</b>	<b>1T4813EL</b>	<b>1T4814EL</b>
1-10V	○	<b>1T4817D</b>	<b>1T4813D</b>	<b>1T4814D</b>
DALI	○	<b>1T4817DA</b>	<b>1T4813DA</b>	<b>1T4814DA</b>

### LED / 25W / REFLECTOR / MWFL



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3567EL</b>	<b>1T3130EL</b>	<b>1T3131EL</b>
1-10V	○	<b>1T3567D</b>	<b>1T3130D</b>	<b>1T3131D</b>
DALI	○	<b>1T3567DA</b>	<b>1T3130DA</b>	<b>1T3131DA</b>

### LED / 25W / REFLECTOR / WFL



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3569EL</b>	<b>1T3134EL</b>	<b>1T3135EL</b>
1-10V	○	<b>1T3569D</b>	<b>1T3134D</b>	<b>1T3135D</b>
DALI	○	<b>1T3569DA</b>	<b>1T3134DA</b>	<b>1T3135DA</b>

### LED / 33W / REFLECTOR / SP



Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3564EL</b>	<b>1T3124EL</b>	<b>1T3125EL</b>
1-10V	○	<b>1T3564D</b>	<b>1T3124D</b>	<b>1T3125D</b>
DALI	○	<b>1T3564DA</b>	<b>1T3124DA</b>	<b>1T3125DA</b>

**LED / 33W / REFLECTOR / FL**



3000K		H(m)	D(m)	Area(m²)
Kuki			24"	
Fixture Power	30W	3	0.30	1270
Mounting Pole	4000mm	4	0.03	220
Fixture Size	100mm	3	0.30	1421
Efficiency	120lm/W	4	0.07	700
Area-1000lux@3m	12000lm	3	0.30	612

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3566EL</b>	<b>1T3128EL</b>	<b>1T3129EL</b>
1-10V	○	<b>1T3566D</b>	<b>1T3128D</b>	<b>1T3129D</b>
DALI	○	<b>1T3566DA</b>	<b>1T3128DA</b>	<b>1T3129DA</b>

**LED / 33W / REFLECTOR / MWFL**



3000K		H(m)	D(m)	Area(m²)
Kuki			45"	
Fixture Power	30W	3	0.63	700
Mounting Pole	4000mm	4	0.04	170
Fixture Size	170mm	3	0.80	161
Efficiency	120lm/W	4	0.28	440
Area-1000lux@3m	7000lm	3	0.30	262

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3568EL</b>	<b>1T3132EL</b>	<b>1T3133EL</b>
1-10V	○	<b>1T3568D</b>	<b>1T3132D</b>	<b>1T3133D</b>
DALI	○	<b>1T3568DA</b>	<b>1T3132DA</b>	<b>1T3133DA</b>

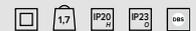
**LED / 33W / REFLECTOR / WFL**



3000K		H(m)	D(m)	Area(m²)
Kuki			30"	
Fixture Power	30W	3	0.71	600
Mounting Pole	4000mm	4	0.04	130
Fixture Size	181mm	3	0.36	344
Efficiency	120lm/W	4	0.41	300
Area-1000lux@3m	9000lm	3	0.44	206

Driver	Colour	2700K	3000K	4000K
EL.	○	<b>1T3570EL</b>	<b>1T3136EL</b>	<b>1T3137EL</b>
1-10V	○	<b>1T3570D</b>	<b>1T3136D</b>	<b>1T3137D</b>
DALI	○	<b>1T3570DA</b>	<b>1T3136DA</b>	<b>1T3137DA</b>

**LED / 26W / DBS**



3000K		H(m)	D(m)	Area(m²)
Kuki			24"	
Fixture Power	26W	3	0.29	1000
Mounting Pole	4000mm	4	0.03	490
Fixture Size	132mm	3	0.75	210
Efficiency	90lm/W	4	0.05	130
Area-1000lux@3m	10000lm	3	0.29	762

Driver	Colour	2700K	3000K	4000K
CASAMBI	○		<b>1T6973CA</b>	<b>1T6974CA</b>

3000K		H(m)	D(m)	Area(m²)
Kuki			24"	
Fixture Power	26W	3	0.30	970
Mounting Pole	4000mm	4	0.03	100
Fixture Size	137mm	3	0.30	750
Efficiency	90lm/W	4	0.72	421
Area-1000lux@3m	6750lm	3	0.30	270

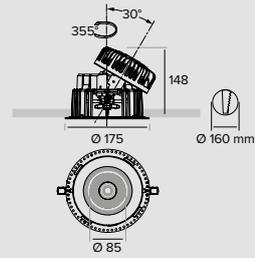
3000K		H(m)	D(m)	Area(m²)
Kuki			31"	
Fixture Power	26W	3	0.36	920
Mounting Pole	4000mm	4	0.14	100
Fixture Size	132mm	3	0.40	450
Efficiency	90lm/W	4	0.25	250
Area-1000lux@3m	9200lm	3	0.32	280

3000K		H(m)	D(m)	Area(m²)
Kuki			45"	
Fixture Power	26W	3	0.69	1050
Mounting Pole	4000mm	4	0.07	100
Fixture Size	130mm	3	0.30	117
Efficiency	90lm/W	4	0.34	310
Area-1000lux@3m	10500lm	3	0.37	30

# CCTLED ARCHITECTURAL



## Adjustable Trimless



LED / 14W / HYBRID / NSP / CR184					□	1.6	IP20	IP23
	3000K	4000K	5000K	Beam(β)	Driver	2700K	3000K	4000K
	Kahl				EL.	<b>1T4808EL</b>	<b>1T4799EL</b>	<b>1T4800EL</b>
	Fixture Power	14W	3	0.17	1-10V	<b>1T4808D</b>	<b>1T4799D</b>	<b>1T4800D</b>
	Source Flux	200lm	4	0.28	DALI	<b>1T4808DA</b>	<b>1T4799DA</b>	<b>1T4800DA</b>
	Fixture Size	1200mm	3	0.52				
Efficiency	71lm/W	4	0.25					
18K10	Beam-1200x300mm	Beam	2000lm	3	0.36	1320		

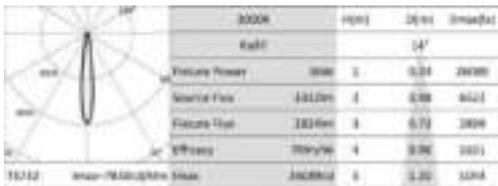
LED / 26W / HYBRID / FL / CR184					□	1.6	IP20	IP23
	3000K	4000K	5000K	Beam(β)	Driver	2700K	3000K	4000K
	Kahl				EL.	<b>1T4818EL</b>	<b>1T4809EL</b>	<b>1T4810EL</b>
	Fixture Power	26W	3	0.38	1-10V	<b>1T4818D</b>	<b>1T4809D</b>	<b>1T4810D</b>
	Source Flux	400lm	4	0.52	DALI	<b>1T4818DA</b>	<b>1T4809DA</b>	<b>1T4810DA</b>
	Fixture Size	1200mm	3	0.75				
Efficiency	73lm/W	4	0.33					
18K10	Beam-1200x300mm	Beam	700lm	3	2.92	603		

LED / 25W / REFLECTOR / MWFL / CR184					□	1.6	IP20	IP23	ENEC
	3000K	4000K	5000K	Beam(β)	Driver	2700K	3000K	4000K	
	Kahl				EL.	<b>1T3575EL</b>	<b>1T3098EL</b>	<b>1T3099EL</b>	
	Fixture Power	25W	3	0.62	1-10V	<b>1T3575D</b>	<b>1T3098D</b>	<b>1T3099D</b>	
	Source Flux	360lm	4	0.49	DALI	<b>1T3575DA</b>	<b>1T3098DA</b>	<b>1T3099DA</b>	
	Fixture Size	1120mm	3	2.30					
Efficiency	120lm/W	4	0.28						
18K10	Beam-1120x300mm	Beam	967lm	3	9.12	238			

LED / 25W / REFLECTOR / WFL / CR184					□	1.6	IP20	IP23	ENEC
	3000K	4000K	5000K	Beam(β)	Driver	2700K	3000K	4000K	
	Kahl				EL.	<b>1T3577EL</b>	<b>1T3102EL</b>	<b>1T3103EL</b>	
	Fixture Power	25W	3	0.53	1-10V	<b>1T3577D</b>	<b>1T3102D</b>	<b>1T3103D</b>	
	Source Flux	360lm	4	0.36	DALI	<b>1T3577DA</b>	<b>1T3102DA</b>	<b>1T3103DA</b>	
	Fixture Size	1180mm	3	1.36					
Efficiency	127lm/W	4	0.41						
18K10	Beam-1180x300mm	Beam	820lm	3	5.44	363			

LED / 33W / REFLECTOR / SP / CR184					□	1.6	IP20	IP23	ENEC
	3000K	4000K	5000K	Beam(β)	Driver	2700K	3000K	4000K	
	Kahl				EL.	<b>1T3572EL</b>	<b>1T3092EL</b>	<b>1T3093EL</b>	
	Fixture Power	33W	3	0.24	1-10V	<b>1T3572D</b>	<b>1T3092D</b>	<b>1T3093D</b>	
	Source Flux	432lm	4	0.30	DALI	<b>1T3572DA</b>	<b>1T3092DA</b>	<b>1T3093DA</b>	
	Fixture Size	1180mm	3	0.73					
Efficiency	131lm/W	4	0.36						
18K10	Beam-1180x300mm	Beam	1010lm	3	3.20	194			

**LED / 33W / REFLECTOR / SP / CRI97**



Driver	2700K	3000K	4000K
EL.		<b>1T4272EL</b>	
1-10V		<b>1T4272D</b>	
DALI		<b>1T4272DA</b>	

**LED / 33W / REFLECTOR / FL / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3574EL</b>	<b>1T3096EL</b>	<b>1T3097EL</b>
1-10V	<b>1T3574D</b>	<b>1T3096D</b>	<b>1T3097D</b>
DALI	<b>1T3574DA</b>	<b>1T3096DA</b>	<b>1T3097DA</b>

**LED / 33W / REFLECTOR / FL / CRI97**



Driver	2700K	3000K	4000K
EL.		<b>1T4274EL</b>	
1-10V		<b>1T4274D</b>	
DALI		<b>1T4274DA</b>	

**LED / 33W / REFLECTOR / MWFL / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3576EL</b>	<b>1T3100EL</b>	<b>1T3101EL</b>
1-10V	<b>1T3576D</b>	<b>1T3100D</b>	<b>1T3101D</b>
DALI	<b>1T3576DA</b>	<b>1T3100DA</b>	<b>1T3101DA</b>

**LED / 33W / REFLECTOR / MWFL / CRI97**



Driver	2700K	3000K	4000K
EL.		<b>1T4276EL</b>	
1-10V		<b>1T4276D</b>	
DALI		<b>1T4276DA</b>	

**LED / 33W / REFLECTOR / WFL / CRI84**



Driver	2700K	3000K	4000K
EL.	<b>1T3578EL</b>	<b>1T3104EL</b>	<b>1T3105EL</b>
1-10V	<b>1T3578D</b>	<b>1T3104D</b>	<b>1T3105D</b>
DALI	<b>1T3578DA</b>	<b>1T3104DA</b>	<b>1T3105DA</b>

# CCTLED ARCHITECTURAL

## LED / 33W / REFLECTOR / WFL / CRI97



3000K	H(m)	D(m)	Area(m²)		
Beam		30°			
Fixture Power	33W	3	0.71 4770		
Mounting Fix	1807mm	4	2.25 440		
Fixture Size	1307mm	3	3.36 418		
Efficiency	80lm/W	4	4.11 230		
16218	Area=132300mm²	33W	3600lm	3	3.44 242

Driver	2700K	3000K	4000K
EL		<b>1T4278EL</b>	
1-10V		<b>1T4278D</b>	
DALI		<b>1T4278DA</b>	

## LED / 26W / DBS / CRI84



3000K	H(m)	D(m)	Area(m²)		
Beam		24°			
Fixture Power	26W	3	0.71 1693		
Mounting Fix	1807mm	4	2.25 440		
Fixture Size	1307mm	3	3.36 318		
Efficiency	80lm/W	4	3.00 1230		
16219	Area=182200mm²	26W	1800lm	3	3.26 763

Driver	2700K	3000K	4000K
CASAMBI		<b>1T6977CA</b>	<b>1T6978CA</b>

3000K	H(m)	D(m)	Area(m²)		
Beam		24°			
Fixture Power	26W	3	0.81 4710		
Mounting Fix	1807mm	4	2.25 1088		
Fixture Size	1307mm	3	3.36 752		
Efficiency	80lm/W	4	3.72 423		
16220	Area=109900mm²	26W	6750lm	3	3.14 270

3000K	H(m)	D(m)	Area(m²)		
Beam		31°			
Fixture Power	26W	3	0.96 4304		
Mounting Fix	1807mm	4	3.14 1028		
Fixture Size	1307mm	3	3.36 450		
Efficiency	74lm/W	4	2.25 256		
16221	Area=132100mm²	26W	4284lm	3	2.82 264

3000K	H(m)	D(m)	Area(m²)		
Beam		49°			
Fixture Power	26W	3	0.81 1880		
Mounting Fix	1807mm	4	3.47 488		
Fixture Size	1307mm	3	2.30 417		
Efficiency	80lm/W	4	3.14 123		
16222	Area=17700mm²	26W	1800lm	3	4.17 38

# Accessories

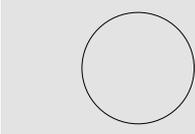
**Reflector**



Colour	Code
	<b>1T3138</b>
	<b>1T3139</b>
	<b>1T3422</b>

Secondary reflector.

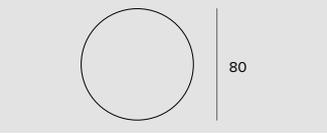
**Grid**

Ø	Code
80	<b>1T3423</b>

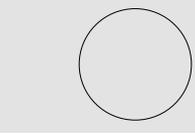
Anti-glare louver.  
Black painted metal honeycomb structure.

**Filter**

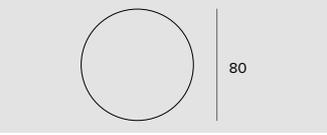
Filter	Ø	Code
Red	80	<b>1T3424</b>
Green	80	<b>1T3425</b>
Blue	80	<b>1T3426</b>
Yellow	80	<b>1T3427</b>
Magenta	80	<b>1T3428</b>

Flat glass interference chromatic filter.

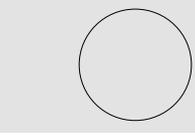
Ø	Code
80	<b>1T3141</b>

Flat glass, grooved refractive blade light filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

Ø	Code
80	<b>1T3140</b>

Flat glass micro prismatic refractive diffusive filter.  
This softens the luminous effect.

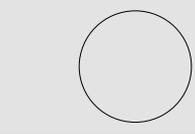
Filter	Ø	Code
Halogen +	80	<b>1T6382</b>
Vivid +	80	<b>1T6384</b>

Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.




Filter	Ø	Code
Meat	80	<b>1T6386</b>
Fish	80	<b>1T6388</b>
Bread	80	<b>1T6390</b>
Vegetables	80	<b>1T6392</b>

Food filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
**1T6386**  
To be used only with 3000K and Ra80 fixtures.  
**1T6388**  
To be used only with 4000K and Ra80 fixtures.  
**1T6390**  
To be used only with 3000K and Ra80 fixtures.  
**1T6392**  
To be used only with 3000K and Ra80 fixtures.

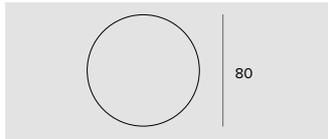



Filter	Ø	Code
Beauty	80	<b>1T6394</b>

Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.

# CCTLED ARCHITECTURAL

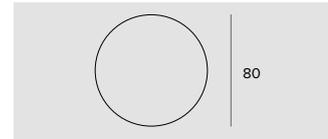
## Cut-off



Ø Code  
80 **1T3142**

Cut-off Tube.  
Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.

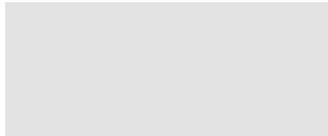
## Zoom



Ø Code  
80 **1T3432**

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It makes it possible to obtain a variable beam from 15° to 60°.  
It can not be used with NSP and hybrid optics; no for DBS version.

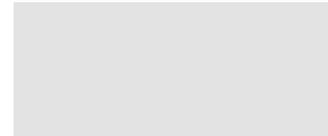
## Cable



Code  
**1T2833**

Sync cable. It synchronizes the dimming between 2 drivers.  
It is possible to connect up to 10 drivers in order to maintain a uniform effect for all fixtures.

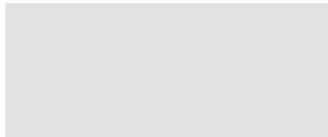
## Emergency Kit



Code  
**1T3144**

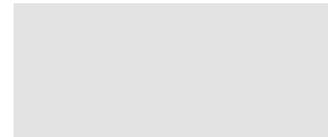
Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

## Control systems



Code  
**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

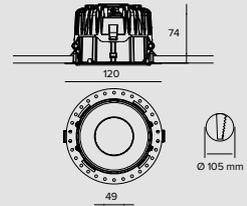


Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Mini Fixed Standard - Trimless



### LED / 11W / LENS / SP □ 0.5 IP20 IP43

	3000K	H(m)	25(m)	Area(m²)
Beam			23°	
Fixture Power	11W	3	0.37	1890
Mounting Hole	176mm	4	0.23	628
Fixture Size	133mm	3	0.90	1876
Efficiency	98lm/W	4	3.07	1057
Beam	190mm	6	0.33	672

Driver	Colour	3000K	4000K
EL.	○	<b>1T4644EL</b>	<b>1T4645EL</b>
DALI	○	<b>1T4644DA</b>	<b>1T4645DA</b>

### LED / 18W / LENS / SP □ 0.5 IP20 IP43

	3000K	H(m)	25(m)	Area(m²)
Beam			23°	
Fixture Power	18W	3	0.59	3003
Mounting Hole	176mm	4	0.23	720
Fixture Size	130mm	3	0.90	1876
Efficiency	89lm/W	4	3.74	139
Beam	190mm	6	2.17	362

Driver	Colour	3000K	4000K
EL.	○	<b>1T4656EL</b>	<b>1T4657EL</b>
DALI	○	<b>1T4656DA</b>	<b>1T4657DA</b>

### LED / 12W / LENS / FL □ 0.5 IP20 IP43

	3000K	H(m)	25(m)	Area(m²)
Beam			30°	
Fixture Power	12W	3	0.54	1620
Mounting Hole	181mm	4	0.00	1806
Fixture Size	131mm	3	0.94	190
Efficiency	87lm/W	4	3.17	382
Beam	182mm	6	2.72	293

Driver	Colour	3000K	4000K
EL.	○	<b>1T4648EL</b>	<b>1T4649EL</b>
DALI	○	<b>1T4648DA</b>	<b>1T4649DA</b>

### LED / 12W / REFLECTOR / MWFL □ 0.5 IP20 IP43

	3000K	H(m)	25(m)	Area(m²)
Beam			48°	
Fixture Power	12W	3	0.80	2476
Mounting Hole	181mm	4	0.80	618
Fixture Size	152mm	3	2.89	273
Efficiency	113lm/W	4	3.58	230
Beam	202mm	6	4.50	86

Driver	Colour	3000K	4000K
EL.	○	<b>1T4652EL</b>	<b>1T4653EL</b>
DALI	○	<b>1T4652DA</b>	<b>1T4653DA</b>

### LED / 18W / REFLECTOR / MWFL □ 0.5 IP20 IP43

	3000K	H(m)	25(m)	Area(m²)
Beam			48°	
Fixture Power	18W	3	0.80	3129
Mounting Hole	186mm	4	0.80	830
Fixture Size	130mm	3	2.89	389
Efficiency	113lm/W	4	3.58	309
Beam	202mm	6	4.50	158

Driver	Colour	3000K	4000K
EL.	○	<b>1T4660EL</b>	<b>1T4661EL</b>
DALI	○	<b>1T4660DA</b>	<b>1T4661DA</b>

### LED / 18W / REFLECTOR / WFL □ 0.5 IP20 IP43

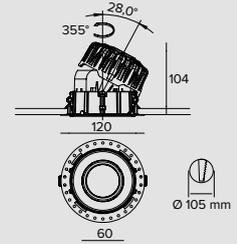
	3000K	H(m)	25(m)	Area(m²)
Beam			60°	
Fixture Power	18W	3	1.16	2906
Mounting Hole	186mm	4	2.32	690
Fixture Size	133mm	3	0.97	367
Efficiency	98lm/W	4	4.83	230
Beam	202mm	6	0.79	86

Driver	Colour	3000K	4000K
EL.	○	<b>1T4664EL</b>	<b>1T4665EL</b>
DALI	○	<b>1T4664DA</b>	<b>1T4665DA</b>

# CCTLED ARCHITECTURAL



## Mini Adjustable Standard - Trimless



### LED / 2,7W / LENS / NSP □ 0.5 IP20 IP43

	3000K	4000K	5000K	6000K
Beam	12°	12°	12°	12°
Fixture Power	2.7W	2.7W	2.7W	2.7W
Source Flux	200lm	4	0.30	1.20W
Fixture Flux	162lm	3	0.25	0.91
Efficiency	59.6lm/W	4	0.90	277
TM219	5max-22170up/10m	5max-22170up/10m	5max-22170up/10m	5max-22170up/10m

Driver	Colour	3000K	4000K
EL.	○	<b>1T4668EL</b>	<b>1T4669EL</b>
DALI	○	<b>1T4668DA</b>	<b>1T4669DA</b>

### LED / 11W / LENS / SP □ 0.5 IP20 IP43

	3000K	4000K	5000K	6000K
Beam	13°	13°	13°	13°
Fixture Power	11W	11W	11W	11W
Source Flux	1794lm	4	0.33	132W
Fixture Flux	1340lm	3	0.30	107W
Efficiency	163.1lm/W	4	1.03	1037
TM219	5max-19170up/10m	5max-19170up/10m	5max-19170up/10m	5max-19170up/10m

Driver	Colour	3000K	4000K
EL.	○	<b>1T4672EL</b>	<b>1T4673EL</b>
DALI	○	<b>1T4672DA</b>	<b>1T4673DA</b>

### LED / 18W / LENS / SP □ 0.5 IP20 IP43

	3000K	4000K	5000K	6000K
Beam	15°	15°	15°	15°
Fixture Power	18W	18W	18W	18W
Source Flux	1848lm	4	0.37	230W
Fixture Flux	1300lm	3	1.30	107W
Efficiency	102.7lm/W	4	1.73	230
TM219	5max-19170up/10m	5max-19170up/10m	5max-19170up/10m	5max-19170up/10m

Driver	Colour	3000K	4000K
EL.	○	<b>1T4684EL</b>	<b>1T4685EL</b>
DALI	○	<b>1T4684DA</b>	<b>1T4685DA</b>

### LED / 12W / LENS / FL □ 0.5 IP20 IP43

	3000K	4000K	5000K	6000K
Beam	10°	10°	10°	10°
Fixture Power	12W	12W	12W	12W
Source Flux	1817lm	4	1.00	1.00W
Fixture Flux	1310lm	3	1.01	1.01
Efficiency	151.4lm/W	4	1.17	100
TM219	5max-18170up/10m	5max-18170up/10m	5max-18170up/10m	5max-18170up/10m

Driver	Colour	3000K	4000K
EL.	○	<b>1T4676EL</b>	<b>1T4677EL</b>
DALI	○	<b>1T4676DA</b>	<b>1T4677DA</b>

### LED / 12W / REFLECTOR / MWFL □ 0.5 IP20 IP43

	3000K	4000K	5000K	6000K
Beam	18°	18°	18°	18°
Fixture Power	12W	12W	12W	12W
Source Flux	1817lm	4	1.30	1.18
Fixture Flux	1320lm	3	1.00	1.00
Efficiency	151.4lm/W	4	1.30	1.18
TM219	5max-18170up/10m	5max-18170up/10m	5max-18170up/10m	5max-18170up/10m

Driver	Colour	3000K	4000K
EL.	○	<b>1T4680EL</b>	<b>1T4681EL</b>
DALI	○	<b>1T4680DA</b>	<b>1T4681DA</b>

**LED / 18W / REFLECTOR / MWFL** □ 0.5 P20 IP43

	3000K	4000K	Beam Spread	
	Beam	48°		
	Fixture Power	20W	3.80	82.3
	Mounting Hole	18mm	3.80	83.0
	Fixture Size	120mm	3.80	83.0
Efficiency	120lm/W	4	3.31	20.9
3000K	4000K	Beam	Beam	

Driver	Colour	3000K	4000K
EL.	○	<b>1T4688EL</b>	<b>1T4689EL</b>
DALI	○	<b>1T4688DA</b>	<b>1T4689DA</b>

**LED / 18W / REFLECTOR / WFL** □ 0.5 P20 IP43

	3000K	4000K	Beam Spread	
	Beam	48°		
	Fixture Power	20W	3.16	29.9
	Mounting Hole	18mm	2.22	66.0
	Fixture Size	120mm	3.01	26.7
Efficiency	98lm/W	4	4.53	23.0
3000K	4000K	Beam	Beam	

Driver	Colour	3000K	4000K
EL.	○	<b>1T4692EL</b>	<b>1T4693EL</b>
DALI	○	<b>1T4692DA</b>	<b>1T4693DA</b>

## Accessories

**Decorative Ring**

125

Ø	Colour	Code
125	○	<b>1T4696</b>
125	●	<b>1T4697</b>

Round ring.

125

Ø	Colour	Code
125	○	<b>1T4702</b>
125	●	<b>1T4703</b>

Pinhole ring for the adjustable version.  
We recommend this in combination with the black secondary reflector.

125

Ø	Colour	Code
125	○	<b>1T4704</b>
125	●	<b>1T4705</b>

Round ring (IP54).

125

L	Colour	Code
125	○	<b>1T4698</b>
125	●	<b>1T4699</b>

Square ring.

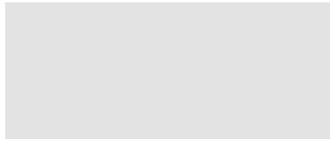
125

L	Colour	Code
125	○	<b>1T4714</b>
125	●	<b>1T4715</b>
125	○ ●	<b>1T4716</b>
125	○ ●	<b>1T4717</b>

Square ring with square hole.  
For the adjustable version.

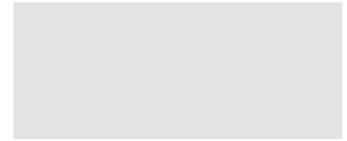
# CCTLED ARCHITECTURAL

## Reflector



Colour	Code
○	<b>1T4710</b>
●	<b>1T4711</b>

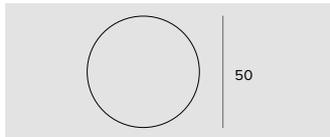
Secondary reflector for the adjustable version.



Colour	Code
○	<b>1T4706</b>
●	<b>1T4707</b>

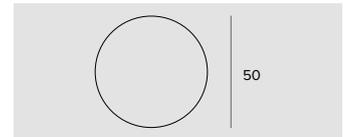
Secondary reflector for the fixed version.

## Filter



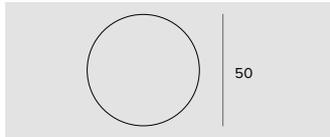
Filter	Ø	Code
Red	50	<b>49881</b>
Green	50	<b>49882</b>
Blue	50	<b>49886</b>
Yellow	50	<b>49887</b>
Magenta	50	<b>49959</b>

Flat glass interference chromatic filter.



Ø	Code
50	<b>1T4721</b>

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

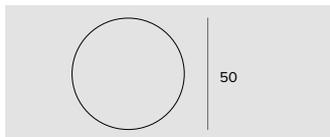


Filter	Ø	Code
Beauty	50	<b>1T6393</b>

Beauty filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.

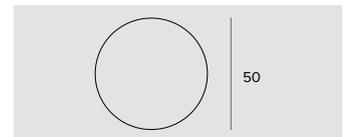


Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6385**

To be used only with 3000K and Ra80 fixtures.

**1T6387**

To be used only with 4000K and Ra80 fixtures.

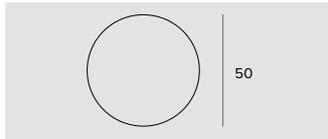
**1T6389**

To be used only with 3000K and Ra80 fixtures.

**1T6391**

To be used only with 3000K and Ra80 fixtures.

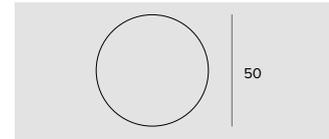
## Grid



Ø	Code
50	<b>1T4322</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

## Zoom



Ø	Code
50	<b>1T4324</b>

### Zoom.

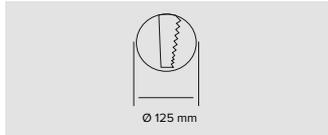
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

To be used after removing the existing optic.

It can not be used with a narrow spot optic.

It makes it possible to obtain a variable beam from 15° to 60°.

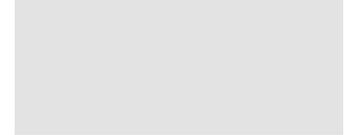
## Insertion Ring



Cutout hole	Colour	Code
Ø125	○	<b>1T5242</b>
Ø125	●	<b>1T5243</b>
Ø125	◐	<b>1T5244</b>

Accessory for trimless inspectable installation.  
Secondary reflector.

## Emergency Kit



Code
<b>1T3144</b>

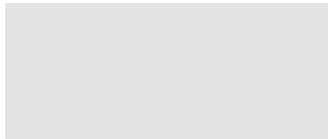
### Emergency kit.

Inverter + 3h battery pack.

For CCTLED Architectural Mini: no NSP version.

IP20.

## Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.

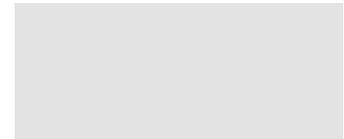
It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.



Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.

It generates a local DALI bus with the capacity to drive up to 64 fixtures.

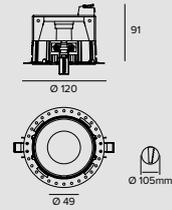
Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED ARCHITECTURAL



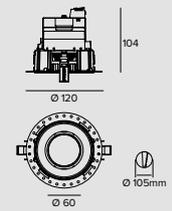
## Mini GU10 Fixed Standard -Trimless



LED MR16 / 6-7-7,5W / GU10			
Power supply	Colour	Code	
220-240Vac	○	<b>1T5935</b>	



## Mini GU10 Adjustable Standard -Trimless



LED MR16 / 6-7-7,5W / GU10			
Power supply	Colour	Code	
220-240Vac	○	<b>1T5936</b>	

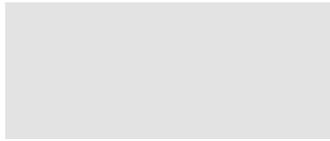
### Note

Lamp height max 58mm. To ensure CCTLED ARCHITECTURAL MINI GU10 functions correctly, we recommend you use the lamps indicated in this catalogue.

## Accessories

Source	
Code	Code
<b>38630P</b>	<b>38640P</b>
PAR16 LED on/off 6W (3000K) 700cd (38°) GU10. 230V H=57.5mm.	PAR16 LED on/off 6W (4000K) 725cd (38°) GU10. 230V H=57.5mm.

## Reflector



Colour	Code
○	<b>1T4710</b>
●	<b>1T4711</b>

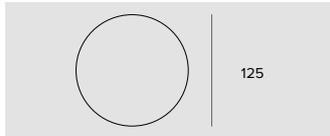
Secondary reflector for the adjustable version.



Colour	Code
○	<b>1T4706</b>
●	<b>1T4707</b>

Secondary reflector for the fixed version.

## Decorative Ring



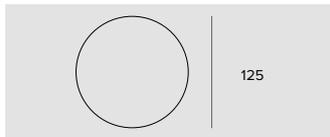
Ø	Colour	Code
125	○	<b>1T4696</b>
125	●	<b>1T4697</b>

Round ring.



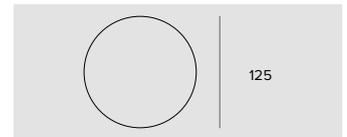
L	Colour	Code
125	○	<b>1T4698</b>
125	●	<b>1T4699</b>

Square ring.



Ø	Colour	Code
125	○	<b>1T4700</b>
125	●	<b>1T4701</b>

Pinhole ring for the fixed version.  
We recommend this in combination with the black secondary reflector.



Ø	Colour	Code
125	○	<b>1T4702</b>
125	●	<b>1T4703</b>

Pinhole ring for the adjustable version.  
We recommend this in combination with the black secondary reflector.



L	Colour	Code
125	○	<b>1T4714</b>
125	●	<b>1T4715</b>
125	○ ●	<b>1T4716</b>
125	○ ●	<b>1T4717</b>

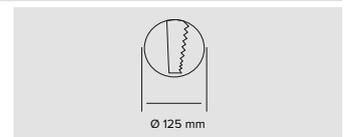
Square ring with square hole.  
For the adjustable version.



Ø	Colour	Code
125	○	<b>1T4704</b>
125	●	<b>1T4705</b>

Round ring (IP54).

## Insertion Ring



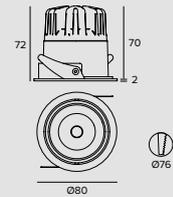
Cutout hole	Colour	Code
Ø125	○	<b>1T5242</b>
Ø125	●	<b>1T5243</b>
Ø125	○	<b>1T5244</b>

Accessory for trimless inspectable installation.  
Secondary reflector.

# CCTLED ARCHITECTURAL



**Micro**



LED / 12W / SP																
	3000K	4000K	3000K	4000K												
	<table border="1"> <thead> <tr> <th>Power supply</th> <th>Colour</th> <th>3000K</th> <th>4000K</th> </tr> </thead> <tbody> <tr> <td>350mA</td> <td>○</td> <td><b>1T6361</b></td> <td><b>1T6362</b></td> </tr> <tr> <td>350mA</td> <td>●</td> <td><b>1T6367</b></td> <td><b>1T6368</b></td> </tr> </tbody> </table>				Power supply	Colour	3000K	4000K	350mA	○	<b>1T6361</b>	<b>1T6362</b>	350mA	●	<b>1T6367</b>	<b>1T6368</b>
	Power supply	Colour	3000K	4000K												
	350mA	○	<b>1T6361</b>	<b>1T6362</b>												
350mA	●	<b>1T6367</b>	<b>1T6368</b>													
Fixture Power	12W	2	0.87	7807												
Mounting Hole	170mm	4	0.73	1804												
Fixture Size	160mm	4	0.12	813												
Efficiency	134lm/W	4	0.86	459												
Beam Spread	24.7°	0	0.84	293												

LED / 12W / FL																
	3000K	4000K	3000K	4000K												
	<table border="1"> <thead> <tr> <th>Power supply</th> <th>Colour</th> <th>3000K</th> <th>4000K</th> </tr> </thead> <tbody> <tr> <td>350mA</td> <td>○</td> <td><b>1T6363</b></td> <td><b>1T6364</b></td> </tr> <tr> <td>350mA</td> <td>●</td> <td><b>1T6369</b></td> <td><b>1T6370</b></td> </tr> </tbody> </table>				Power supply	Colour	3000K	4000K	350mA	○	<b>1T6363</b>	<b>1T6364</b>	350mA	●	<b>1T6369</b>	<b>1T6370</b>
	Power supply	Colour	3000K	4000K												
	350mA	○	<b>1T6363</b>	<b>1T6364</b>												
350mA	●	<b>1T6369</b>	<b>1T6370</b>													
Fixture Power	12W	2	0.84	8320												
Mounting Hole	170mm	4	0.28	840												
Fixture Size	160mm	4	0.02	369												
Efficiency	134lm/W	4	0.56	207												
Beam Spread	42.0°	0	0.20	114												

LED / 12W / WFL																
	3000K	4000K	3000K	4000K												
	<table border="1"> <thead> <tr> <th>Power supply</th> <th>Colour</th> <th>3000K</th> <th>4000K</th> </tr> </thead> <tbody> <tr> <td>350mA</td> <td>○</td> <td><b>1T6365</b></td> <td><b>1T6366</b></td> </tr> <tr> <td>350mA</td> <td>●</td> <td><b>1T6371</b></td> <td><b>1T6372</b></td> </tr> </tbody> </table>				Power supply	Colour	3000K	4000K	350mA	○	<b>1T6365</b>	<b>1T6366</b>	350mA	●	<b>1T6371</b>	<b>1T6372</b>
	Power supply	Colour	3000K	4000K												
	350mA	○	<b>1T6365</b>	<b>1T6366</b>												
350mA	●	<b>1T6371</b>	<b>1T6372</b>													
Fixture Power	12W	2	0.03	1700												
Mounting Hole	170mm	4	0.06	127												
Fixture Size	130mm	4	0.10	380												
Efficiency	87lm/W	4	0.13	207												
Beam Spread	17.0°	0	0.10	66												

## Related codes

Power Supply	
Code	Code
<b>1T6503</b>	<b>1T6504</b>
Electronic power supply max 15W, LxHxP=101.5x29.5x51mm, 220-240V-AC 50-60Hz, 350mA, IP20.	DALI dimmable electronic power supply max 15W, LxHxP=146.5x30x44mm, 220-240V-AC 50-60Hz, 350mA, IP20. For the Cozy product: the driver is bigger than the cutout hole needed by the luminaire.

# Accessories

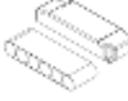
**Reflector**



Colour	Code
○	<b>1T6407</b>
●	<b>1T6408</b>

Secondary reflector.

**Emergency Kit**



Code
<b>1T3144</b>

Emergency kit.  
 Inverter + 3h battery pack.  
 For CCTLED Architectural Mini: no NSP version.  
 IP20.

**Control systems**



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.  
 It generates a local DALI bus that can control individual fixtures.  
 The module can be connected to an existing DALI network.  
 The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
 The devices create a wireless mesh network that can control up to 128 fixtures.  
 IP20.



Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.  
 It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
 Can control DALI fixtures in indoor applications.  
 It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# OZ

## Stand alone

### GENERAL INFO

Recessed fixed LED single or multi-optic projectors.

#### Small

	Trimless	Classic
1x	30x30mm h.50mm	35x35mm h.49mm
3x	80x35mm h.50mm	85x35mm h.49mm
5x	130x35mm h.50mm	135x35mm h.49mm

#### Large

	Trimless	Classic
1x	53x53mm h.61mm	60x60mm h.59mm
3x	153x53mm h.61mm	160x60mm h.59mm
5x	253x53mm h.61mm	260x60mm h.59mm

### LED

LED emitter for the Small version

LED Chip on Board for the Large version

From 188lm to 3295lm

2700K – 3000K – 3500K - 4000K

Ra90

### PRODUCT EFFICACY

Up to 101lm/W

### OPTICS

SP – FL – MWFL

### POWER SUPPLY

Electronic remote and DALI driver for the Small versions. Electronic and DALI driver integrated into the body of the fixture for the Large versions.

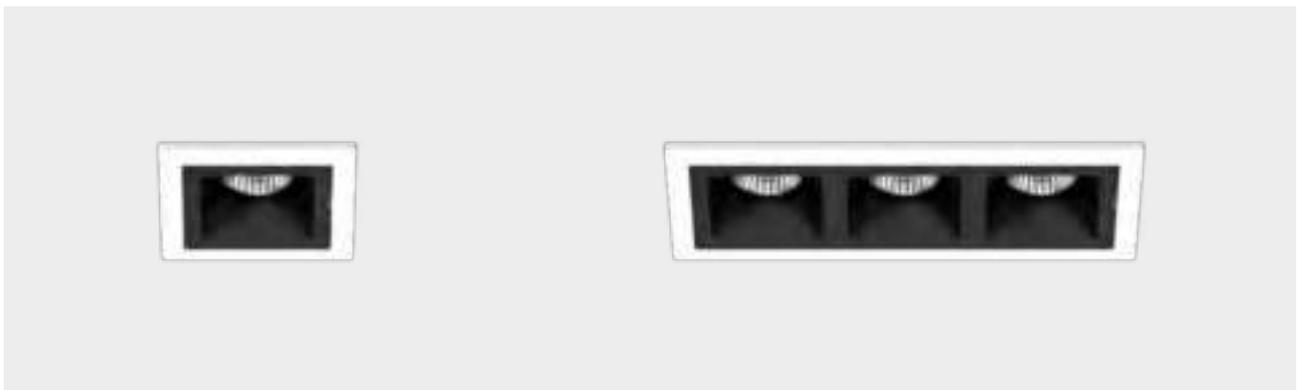
Casambi control system available with an accessory (only for DALI version products).

### MATERIAL

White painted die-cast aluminium body and black polycarbonate frame.

New single or multi-optic downlights with a new design with miniaturised optics inspired by the OZ 48V version. Available in two different sizes, Small and Large, for ceiling or recessed installation. SP, FL and MWFL optics are suitable for installation in work environments - UGR<13 for the Small versions and UGR<17 for the Large versions (EN12464-1).

Large version available also for the ceiling installation.





01  
OZ Stand alone



SMALL  
1x

SMALL  
3x



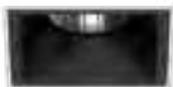
SMALL  
Trimless  
1x

SMALL  
Trimless  
3x



LARGE  
1x

LARGE  
3x



LARGE  
Trimless  
1x

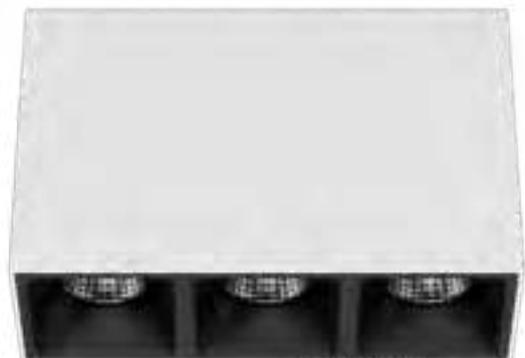
LARGE  
Trimless  
3x



Great variety of  
solutions

Different solutions in terms of size, aesthetics, performance and installation to provide a valid solution for all project needs.

LARGE  
Plafone  
3x



---

SMALL  
5x



SMALL  
Trimless  
5x



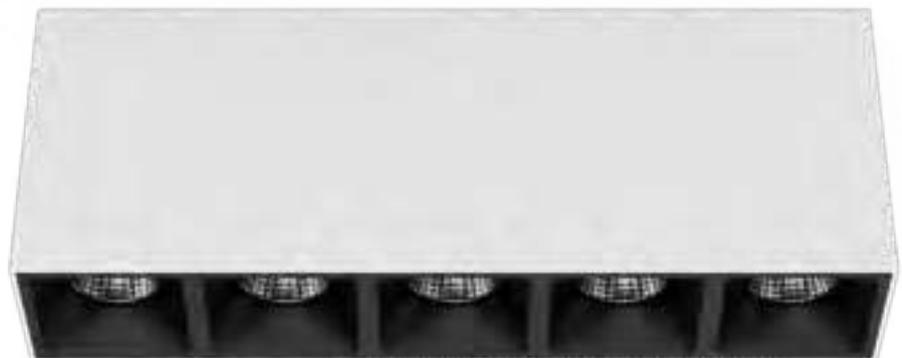
LARGE  
5x

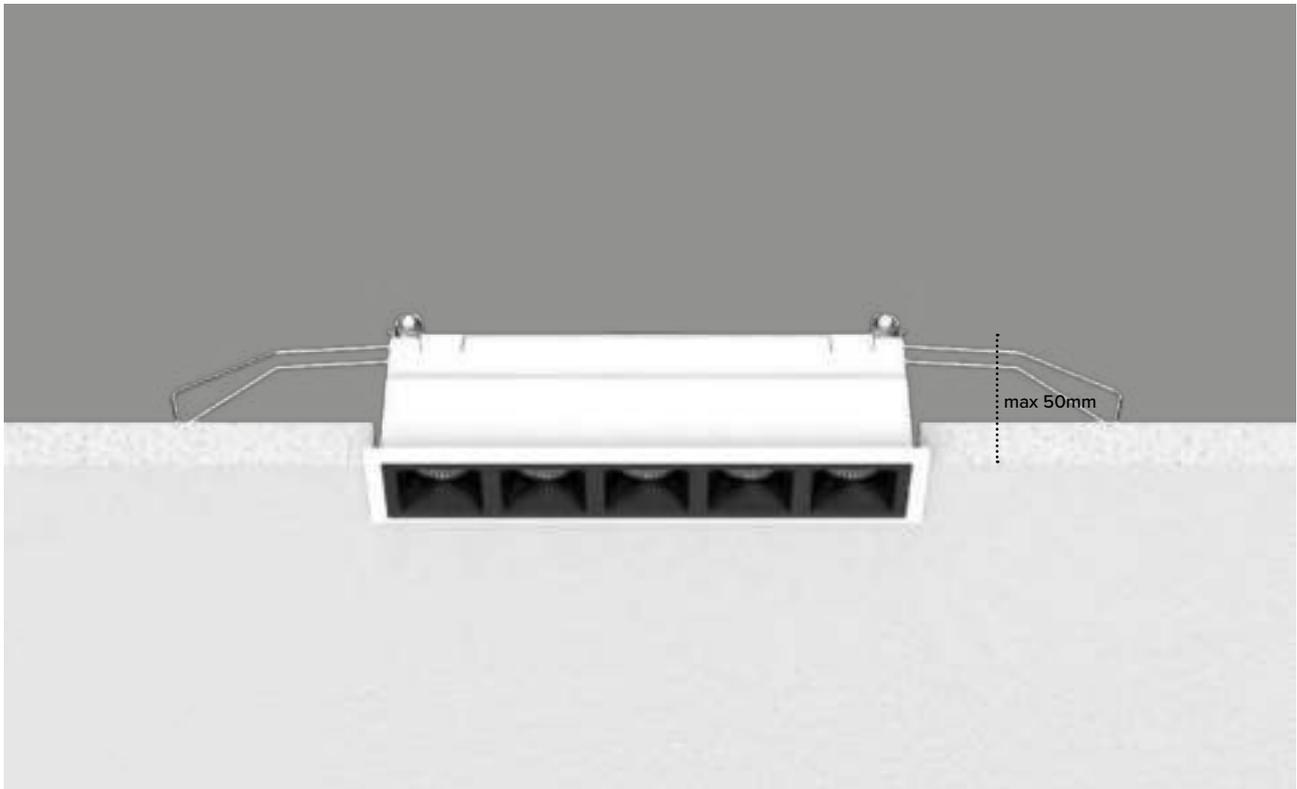


LARGE  
Trimless  
5x



LARGE  
Plafone  
5x





## Very narrow installation dept

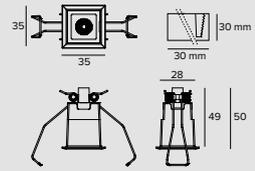
Both the Small and the Large versions have a very narrow installation depth. 5 cm for Small solutions and 6.1 cm for Large solutions.

## Integrated or remote power supply

Electronic remote and DALI driver for the Small versions. Electronic and DALI driver integrated into the body of the fixture for the Large versions.



## Stand Alone Recessed Small 1X (35x35mm)



LED / 2,6W / SP					
	3000K	H(°)	20(°)	Beam(°)	
	Beam			12°	
	Fixture Power	2W	0	0.20	260
	Source Flux	238lm	4	0.80	116
	Fixture Tilt	202mm	4	0.63	118
Efflux	77lm/W	4	0.81	179	
3000K	3000K	0	0.00	116	

Power supply	Colour	2700K	3000K	3500K	4000K
900mA	○	<b>1T7602</b>	<b>1T7603</b>	<b>1T7604</b>	<b>1T7605</b>
900mA	●	<b>1T7614</b>	<b>1T7615</b>	<b>1T7616</b>	<b>1T7617</b>

LED / 2,6W / FL					
	3000K	H(°)	20(°)	Beam(°)	
	Beam			12°	
	Fixture Power	2W	0	0.23	292
	Source Flux	238lm	4	0.80	168
	Fixture Tilt	157mm	4	0.53	81
Efflux	78lm/W	4	0.94	47	
3000K	3000K	0	0.00	80	

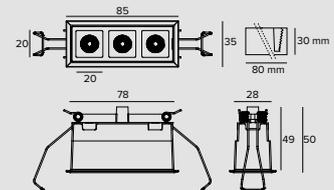
Power supply	Colour	2700K	3000K	3500K	4000K
900mA	○	<b>1T7606</b>	<b>1T7607</b>	<b>1T7608</b>	<b>1T7609</b>
900mA	●	<b>1T7618</b>	<b>1T7619</b>	<b>1T7620</b>	<b>1T7621</b>

LED / 2,6W / WFL					
	3000K	H(°)	20(°)	Beam(°)	
	Beam			20°	
	Fixture Power	2W	0	0.07	268
	Source Flux	238lm	4	2.14	67
	Fixture Tilt	188mm	4	2.21	30
Efflux	38lm/W	4	4.38	17	
3000K	3000K	0	0.00	11	

Power supply	Colour	2700K	3000K	3500K	4000K
900mA	○	<b>1T7610</b>	<b>1T7611</b>	<b>1T7612</b>	<b>1T7613</b>
900mA	●	<b>1T7622</b>	<b>1T7623</b>	<b>1T7624</b>	<b>1T7625</b>



## Stand Alone Recessed Small 3X (85x35mm)



LED / 5,2W / SP					
	3000K	H(°)	20(°)	Beam(°)	
	Beam			12°	
	Fixture Power	5W	0	0.20	575
	Source Flux	618lm	4	0.80	248
	Fixture Tilt	408mm	4	0.63	139
Efflux	124lm/W	4	0.81	219	
3000K	3000K	0	0.00	240	

Power supply	Colour	2700K	3000K	3500K	4000K
600mA	○	<b>1T7626</b>	<b>1T7627</b>	<b>1T7628</b>	<b>1T7629</b>
600mA	●	<b>1T7638</b>	<b>1T7639</b>	<b>1T7640</b>	<b>1T7641</b>

**LED / 5,2W / FL** 0,13 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			20°	
Fixture Power	5W	3	0,33	333
Source Flux	414lm	4	1,03	174
Fixture Flux	307lm	4	1,11	268
Efficiency	78lm/W	4	1,04	96
Max	1511lm	6	2,36	40

Power supply	Colour	2700K	3000K	3500K	4000K
600mA	○	<b>1T7630</b>	<b>1T7631</b>	<b>1T7632</b>	<b>1T7633</b>
600mA	●	<b>1T7642</b>	<b>1T7643</b>	<b>1T7644</b>	<b>1T7645</b>

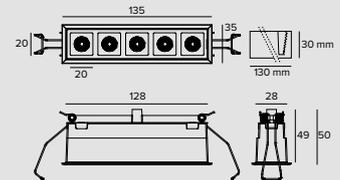
**LED / 5,2W / FL** 0,13 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			20°	
Fixture Power	5W	3	1,07	339
Source Flux	414lm	4	2,14	158
Fixture Flux	307lm	4	2,21	90
Efficiency	78lm/W	4	4,28	36
Max	1680lm	6	9,36	22

Power supply	Colour	2700K	3000K	3500K	4000K
600mA	○	<b>1T7634</b>	<b>1T7635</b>	<b>1T7636</b>	<b>1T7637</b>
600mA	●	<b>1T7646</b>	<b>1T7647</b>	<b>1T7648</b>	<b>1T7649</b>



## Stand Alone Recessed Small 5X (135x35mm)



**LED / 8,7W / SP** 0,2 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			12°	
Fixture Power	8W	3	0,20	600
Source Flux	761lm	4	0,80	288
Fixture Flux	579lm	4	0,81	109
Efficiency	78lm/W	4	0,81	600
Max	3080lm	6	3,00	188

Power supply	Colour	2700K	3000K	3500K	4000K
600mA	○	<b>1T7650</b>	<b>1T7651</b>	<b>1T7652</b>	<b>1T7653</b>
600mA	●	<b>1T7662</b>	<b>1T7663</b>	<b>1T7664</b>	<b>1T7665</b>

**LED / 8,7W / SP** 0,2 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			20°	
Fixture Power	8W	3	0,33	262
Source Flux	761lm	4	1,03	148
Fixture Flux	579lm	4	1,11	282
Efficiency	78lm/W	4	1,04	258
Max	3020lm	6	2,36	202

Power supply	Colour	2700K	3000K	3500K	4000K
600mA	○	<b>1T7654</b>	<b>1T7655</b>	<b>1T7656</b>	<b>1T7657</b>
600mA	●	<b>1T7666</b>	<b>1T7667</b>	<b>1T7668</b>	<b>1T7669</b>

**LED / 8,7W / SP** 0,2 IP20

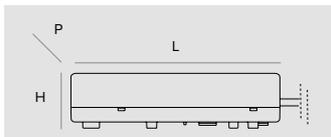
	3000K	H(m)	D(m)	Area(m²)
Beam			20°	
Fixture Power	8W	3	1,07	319
Source Flux	761lm	4	2,14	128
Fixture Flux	579lm	4	2,21	262
Efficiency	78lm/W	4	4,28	36
Max	3260lm	6	9,36	30

Power supply	Colour	2700K	3000K	3500K	4000K
600mA	○	<b>1T7658</b>	<b>1T7659</b>	<b>1T7660</b>	<b>1T7661</b>
600mA	●	<b>1T7670</b>	<b>1T7671</b>	<b>1T7672</b>	<b>1T7673</b>

**Note**  
Small version: to be completed with an electronic or DALI driver.

## Related codes

### Power Supply



Code

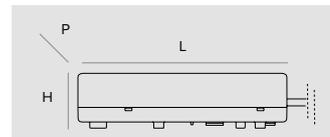
900mA - for 1x version

**1T5295EL**

600mA - for 3x - 5x versions

**1T8172EL**

Electronic power supply 20W, LxHxP=110x22x52mm, 110-240V, 900mA, IP20.



Code

900mA - for 1x version

**1T7686DA**

600mA - for 3x - 5x versions

**1T8172DA**

DALI power supply 20W, LxHxW=156x25,5x51,5mm, 230V, IP20.

## Accessories

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.

It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.



Code

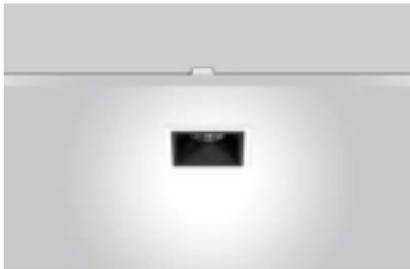
**1T5352**

IP20 Extender for wireless control of DALI fixtures.

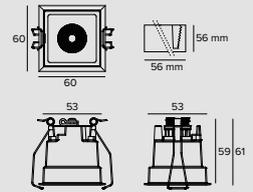
It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Stand Alone Recessed Small 1X (60x60mm)



### LED / 6,2W / SP



	3000K	H(m)	D(m)	Area(m²)
Beam				30°
Fixture Power	7W	2	0.33	1110
Mounting Hole	40mm	4	0.06	180
Fixture Size	52mm	4	0.06	180
Efficiency	80lm/W	4	0.33	130
Beam Diameter @ 2m	310mm	4	0.06	120

Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	1T7746EL	1T7747EL	1T7748EL	1T7749EL
EL.	●	1T7758EL	1T7759EL	1T7760EL	1T7761EL
DALI	○	1T7746DA	1T7747DA	1T7748DA	1T7749DA
DALI	●	1T7758DA	1T7759DA	1T7760DA	1T7761DA

### LED / 6W / FL



	3000K	H(m)	D(m)	Area(m²)
Beam				34°
Fixture Power	7W	2	0.33	1110
Mounting Hole	40mm	4	0.06	180
Fixture Size	50mm	4	0.06	180
Efficiency	80lm/W	4	0.33	130
Beam Diameter @ 2m	170mm	4	0.06	50

Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	1T7750EL	1T7751EL	1T7752EL	1T7753EL
EL.	●	1T7762EL	1T7763EL	1T7764EL	1T7765EL
DALI	○	1T7750DA	1T7751DA	1T7752DA	1T7753DA
DALI	●	1T7762DA	1T7763DA	1T7764DA	1T7765DA

### LED / 6W / WFL

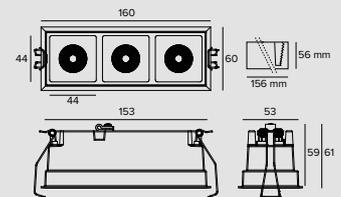


	3000K	H(m)	D(m)	Area(m²)
Beam				30°
Fixture Power	7W	2	0.33	1110
Mounting Hole	40mm	4	0.06	180
Fixture Size	50mm	4	0.06	117
Efficiency	80lm/W	4	0.33	90
Beam Diameter @ 2m	100mm	4	0.06	42

Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	1T7754EL	1T7755EL	1T7756EL	1T7757EL
EL.	●	1T7766EL	1T7767EL	1T7768EL	1T7769EL
DALI	○	1T7754DA	1T7755DA	1T7756DA	1T7757DA
DALI	●	1T7766DA	1T7767DA	1T7768DA	1T7769DA



## Stand Alone Recessed Small 3X (160x60mm)



### LED / 19W / SP



	3000K	H(m)	D(m)	Area(m²)
Beam				30°
Fixture Power	23W	2	0.33	910
Mounting Hole	130mm	4	0.06	230
Fixture Size	130mm	4	0.06	100
Efficiency	70lm/W	4	0.33	100
Beam Diameter @ 2m	910mm	4	0.06	177

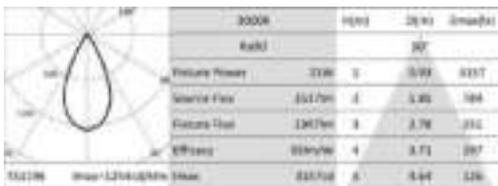
Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	1T7770EL	1T7771EL	1T7772EL	1T7773EL
EL.	●	1T7782EL	1T7783EL	1T7784EL	1T7785EL
DALI	○	1T7770DA	1T7771DA	1T7772DA	1T7773DA
DALI	●	1T7782DA	1T7783DA	1T7784DA	1T7785DA

## LED / 18W / FL □ 0.44 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7774EL</b>	<b>1T7775EL</b>	<b>1T7776EL</b>	<b>1T7777EL</b>
EL.	●	<b>1T7786EL</b>	<b>1T7787EL</b>	<b>1T7788EL</b>	<b>1T7789EL</b>
DALI	○	<b>1T7774DA</b>	<b>1T7775DA</b>	<b>1T7776DA</b>	<b>1T7777DA</b>
DALI	●	<b>1T7786DA</b>	<b>1T7787DA</b>	<b>1T7788DA</b>	<b>1T7789DA</b>

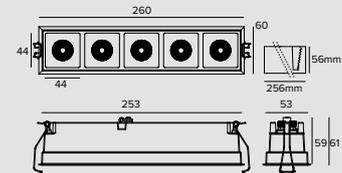
## LED / 18W / WFL □ 0.44 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7778EL</b>	<b>1T7779EL</b>	<b>1T7780EL</b>	<b>1T7781EL</b>
EL.	●	<b>1T7790EL</b>	<b>1T7791EL</b>	<b>1T7792EL</b>	<b>1T7793EL</b>
DALI	○	<b>1T7778DA</b>	<b>1T7779DA</b>	<b>1T7780DA</b>	<b>1T7781DA</b>
DALI	●	<b>1T7790DA</b>	<b>1T7791DA</b>	<b>1T7792DA</b>	<b>1T7793DA</b>



**Stand Alone Recessed Large 5X (260x60mm)**

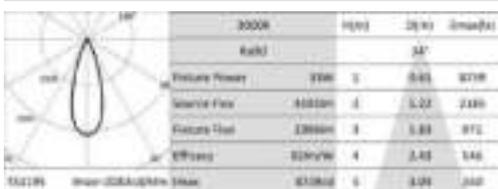


## LED / 31W / SP □ 0.65 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7794EL</b>	<b>1T7795EL</b>	<b>1T7796EL</b>	<b>1T7797EL</b>
EL.	●	<b>1T7806EL</b>	<b>1T7807EL</b>	<b>1T7808EL</b>	<b>1T7809EL</b>
DALI	○	<b>1T7794DA</b>	<b>1T7795DA</b>	<b>1T7796DA</b>	<b>1T7797DA</b>
DALI	●	<b>1T7806DA</b>	<b>1T7807DA</b>	<b>1T7808DA</b>	<b>1T7809DA</b>

## LED / 30W / FL □ 0.65 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7798EL</b>	<b>1T7799EL</b>	<b>1T7800EL</b>	<b>1T7801EL</b>
EL.	●	<b>1T7810EL</b>	<b>1T7811EL</b>	<b>1T7812EL</b>	<b>1T7813EL</b>
DALI	○	<b>1T7798DA</b>	<b>1T7799DA</b>	<b>1T7800DA</b>	<b>1T7801DA</b>
DALI	●	<b>1T7810DA</b>	<b>1T7811DA</b>	<b>1T7812DA</b>	<b>1T7813DA</b>

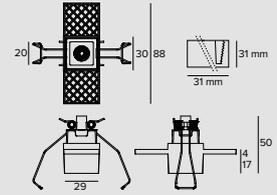
## LED / 30W / WFL □ 0.65 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7802EL</b>	<b>1T7803EL</b>	<b>1T7804EL</b>	<b>1T7805EL</b>
EL.	●	<b>1T7814EL</b>	<b>1T7815EL</b>	<b>1T7816EL</b>	<b>1T7817EL</b>
DALI	○	<b>1T7802DA</b>	<b>1T7803DA</b>	<b>1T7804DA</b>	<b>1T7805DA</b>
DALI	●	<b>1T7814DA</b>	<b>1T7815DA</b>	<b>1T7816DA</b>	<b>1T7817DA</b>



## Stand Alone Trimless Small 1X (30x30mm)



### LED / 2,6W / SP



	3000K	H(m)	20(m)	3000lm
Beam			12°	
Fixture Power	2,6W	3	0,20	2800
Mounting Hole	20mm	4	0,30	116
Fixture Size	30mm	3	0,33	118
Efficiency	110lm/W	4	0,81	170
Max. Power	2800lm	3	0,03	116

Power supply	2700K	3000K	3500K	4000K
900mA	<b>1T7674</b>	<b>1T7675</b>	<b>1T7676</b>	<b>1T7677</b>

### LED / 2,6W / FL



	3000K	H(m)	20(m)	3000lm
Beam			20°	
Fixture Power	2,6W	3	0,33	700
Mounting Hole	20mm	4	0,03	108
Fixture Size	30mm	3	0,33	80
Efficiency	100lm/W	4	0,04	47
Max. Power	1000lm	3	0,33	80

Power supply	2700K	3000K	3500K	4000K
900mA	<b>1T7678</b>	<b>1T7679</b>	<b>1T7680</b>	<b>1T7681</b>

### LED / 2,6W / WFL

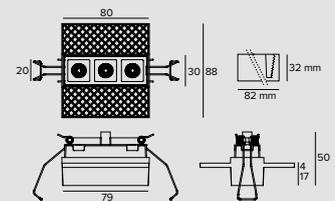


	3000K	H(m)	20(m)	3000lm
Beam			20°	
Fixture Power	2,6W	3	0,07	200
Mounting Hole	20mm	4	0,14	67
Fixture Size	30mm	3	0,21	30
Efficiency	70lm/W	4	0,28	17
Max. Power	2700lm	3	0,30	11

Power supply	2700K	3000K	3500K	4000K
900mA	<b>1T7682</b>	<b>1T7683</b>	<b>1T7684</b>	<b>1T7685</b>



## Stand Alone Trimless Small 3X (80x30mm)



### LED / 5,2W / SP



	3000K	H(m)	20(m)	3000lm
Beam			12°	
Fixture Power	5,2W	3	0,20	3700
Mounting Hole	20mm	4	0,30	140
Fixture Size	40mm	3	0,33	140
Efficiency	100lm/W	4	0,81	200
Max. Power	3700lm	3	0,03	140

Power supply	2700K	3000K	3500K	4000K
600mA	<b>1T7698</b>	<b>1T7699</b>	<b>1T7700</b>	<b>1T7701</b>

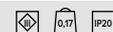
**LED / 5,2W / SP**



	3000K	H(m)	D(m)	Area(m²)
	Beam		20°	
	Fixture Power	5W	0.33	111
	Source Flux	414lm	4	1.03
	Fixture Flux	307lm	3	0.78
Efflux	74lm/W	4	2.04	90
5.2W	Model: 1171000000	Max	11110	0

Power supply	Driver	2700K	3000K	3500K	4000K
600mA		<b>1T7702</b>	<b>1T7703</b>	<b>1T7704</b>	<b>1T7705</b>

**LED / 5,2W / SP**

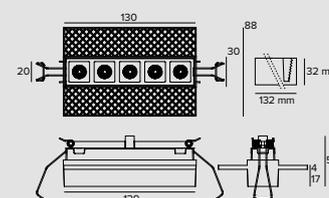


	3000K	H(m)	D(m)	Area(m²)
	Beam		20°	
	Fixture Power	5W	0.07	33
	Source Flux	414lm	4	2.14
	Fixture Flux	307lm	3	1.21
Efflux	74lm/W	4	4.38	30
5.2W	Model: 1171000000	Max	3330	0

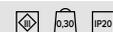
Power supply	Driver	2700K	3000K	3500K	4000K
600mA		<b>1T7706</b>	<b>1T7707</b>	<b>1T7708</b>	<b>1T7709</b>



**Stand Alone Trimless Small 5X (130x30mm)**



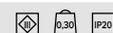
**LED / 8,7W / SP**



	3000K	H(m)	D(m)	Area(m²)
	Beam		12°	
	Fixture Power	8W	0.20	90
	Source Flux	701lm	4	0.80
	Fixture Flux	519lm	3	0.61
Efflux	74lm/W	4	3.61	90
8.7W	Model: 1171000000	Max	9000	0

Power supply	2700K	3000K	3500K	4000K
600mA	<b>1T7722</b>	<b>1T7723</b>	<b>1T7724</b>	<b>1T7725</b>

**LED / 8,7W / SP**



	3000K	H(m)	D(m)	Area(m²)
	Beam		20°	
	Fixture Power	8W	0.33	111
	Source Flux	701lm	4	1.03
	Fixture Flux	519lm	3	0.78
Efflux	74lm/W	4	2.04	90
8.7W	Model: 1171000000	Max	11110	0

Power supply	2700K	3000K	3500K	4000K
600mA	<b>1T7726</b>	<b>1T7727</b>	<b>1T7728</b>	<b>1T7729</b>

**LED / 8,7W / SP**



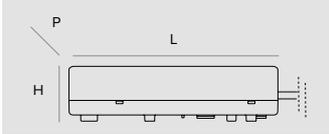
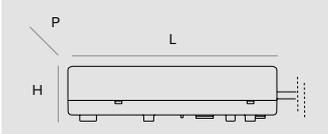
	3000K	H(m)	D(m)	Area(m²)
	Beam		20°	
	Fixture Power	8W	0.07	33
	Source Flux	701lm	4	2.14
	Fixture Flux	519lm	3	1.21
Efflux	74lm/W	4	4.38	30
8.7W	Model: 1171000000	Max	3330	0

Power supply	2700K	3000K	3500K	4000K
600mA	<b>1T7730</b>	<b>1T7731</b>	<b>1T7732</b>	<b>1T7733</b>

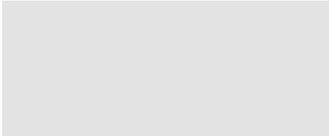
**Note**

Small version: to be completed with an electronic or DALI driver.

## Related codes

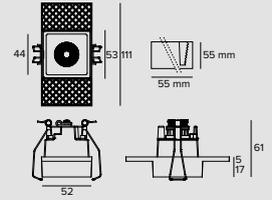
Power Supply			
	Code		Code
900mA - for 1x version	<b>1T5295EL</b>	900mA - for 1x version	<b>1T7686DA</b>
600mA - for 3x - 5x versions	<b>1T8172EL</b>	600mA - for 3x - 5x versions	<b>1T8172DA</b>
Electronic power supply 20W, LxHxP=110x22x52mm, 110-240V, 900mA, IP20.		DALI power supply 20W, LxHxW=156x25,5x51,5mm, 230V, IP20.	

## Accessories

Control systems			
		Code	
		<b>1T5349</b>	Code
<p>Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.</p>		<p>IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.</p>	



### Stand Alone Trimless Large 1X (53x53mm)



**LED / 6,2W / SP** □ 0,24 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			34°	
Fixture Power	7W	2	0.33	1110
Source Flux	810lm	4	0.66	360
Fixture Flux	1120lm	8	0.88	348
Efficiency	80lm/W	4	0.53	290
Beam*2280Light/1m Area	3130lm	6	0.66	120

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7818EL</b>	<b>1T7819EL</b>	<b>1T7820EL</b>	<b>1T7821EL</b>
DALI	<b>1T7818DA</b>	<b>1T7819DA</b>	<b>1T7820DA</b>	<b>1T7821DA</b>

**LED / 6W / FL** □ 0,24 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			34°	
Fixture Power	7W	2	0.33	1110
Source Flux	810lm	4	0.22	167
Fixture Flux	990lm	8	0.88	284
Efficiency	80lm/W	4	0.43	280
Beam*2280Light/1m Area	1780lm	6	0.66	50

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7822EL</b>	<b>1T7823EL</b>	<b>1T7824EL</b>	<b>1T7825EL</b>
DALI	<b>1T7822DA</b>	<b>1T7823DA</b>	<b>1T7824DA</b>	<b>1T7825DA</b>

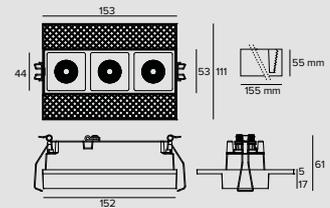
**LED / 6W / WFL** □ 0,24 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	7W	2	0.33	1252
Source Flux	810lm	4	0.46	264
Fixture Flux	940lm	8	0.76	217
Efficiency	80lm/W	4	0.71	86
Beam*2280Light/1m Area	1030lm	6	0.66	42

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7826EL</b>	<b>1T7827EL</b>	<b>1T7828EL</b>	<b>1T7829EL</b>
DALI	<b>1T7826DA</b>	<b>1T7827DA</b>	<b>1T7828DA</b>	<b>1T7829DA</b>



### Stand Alone Trimless Large 3X (153x53mm)



**LED / 19W / SP** □ 0,52 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	22W	2	0.33	910
Source Flux	1800lm	4	0.66	234
Fixture Flux	1520lm	8	0.88	106
Efficiency	70lm/W	4	0.53	188
Beam*2280Light/1m Area	910lm	6	0.66	177

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7842EL</b>	<b>1T7843EL</b>	<b>1T7844EL</b>	<b>1T7845EL</b>
DALI	<b>1T7842DA</b>	<b>1T7843DA</b>	<b>1T7844DA</b>	<b>1T7845DA</b>

**LED / 18W / FL**



	3000K	4000K	5000K	6000K	
	Beam				
	Fixture Power	17W	3	0.93	1000
	Source Flux	1517lm	4	0.22	1000
	Fixture Flux	1787lm	3	0.89	1000
	Efficiency	105lm/W	4	0.43	110

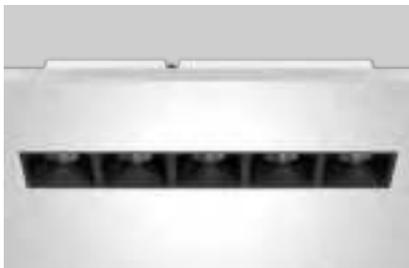
Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7846EL</b>	<b>1T7847EL</b>	<b>1T7848EL</b>	<b>1T7849EL</b>
DALI	<b>1T7846DA</b>	<b>1T7847DA</b>	<b>1T7848DA</b>	<b>1T7849DA</b>

**LED / 18W / WFL**

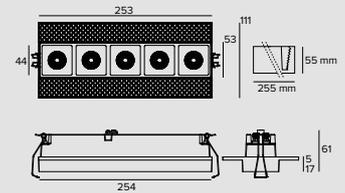


	3000K	4000K	5000K	6000K	
	Beam				
	Fixture Power	17W	3	0.93	1000
	Source Flux	1517lm	4	0.40	1000
	Fixture Flux	1807lm	3	0.79	1000
	Efficiency	105lm/W	4	0.71	107

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7850EL</b>	<b>1T7851EL</b>	<b>1T7852EL</b>	<b>1T7853EL</b>
DALI	<b>1T7850DA</b>	<b>1T7851DA</b>	<b>1T7852DA</b>	<b>1T7853DA</b>



**Stand Alone Trimless Large 5X (253x53mm)**



**LED / 31W / SP**



	3000K	4000K	5000K	6000K	
	Beam				
	Fixture Power	27W	3	0.93	1000
	Source Flux	1800lm	4	0.46	1000
	Fixture Flux	2160lm	3	0.90	1000
	Efficiency	77lm/W	4	0.53	100

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7866EL</b>	<b>1T7867EL</b>	<b>1T7868EL</b>	<b>1T7869EL</b>
DALI	<b>1T7866DA</b>	<b>1T7867DA</b>	<b>1T7868DA</b>	<b>1T7869DA</b>

**LED / 30W / FL**



	3000K	4000K	5000K	6000K	
	Beam				
	Fixture Power	27W	3	0.93	1000
	Source Flux	1800lm	4	0.22	1000
	Fixture Flux	2160lm	3	0.89	1000
	Efficiency	80lm/W	4	0.43	100

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7870EL</b>	<b>1T7871EL</b>	<b>1T7872EL</b>	<b>1T7873EL</b>
DALI	<b>1T7870DA</b>	<b>1T7871DA</b>	<b>1T7872DA</b>	<b>1T7873DA</b>

**LED / 30W / WFL**



	3000K	4000K	5000K	6000K	
	Beam				
	Fixture Power	27W	3	0.93	1000
	Source Flux	1800lm	4	0.40	1000
	Fixture Flux	2160lm	3	0.79	1000
	Efficiency	80lm/W	4	0.71	107

Driver	2700K	3000K	3500K	4000K
EL.	<b>1T7874EL</b>	<b>1T7875EL</b>	<b>1T7876EL</b>	<b>1T7877EL</b>
DALI	<b>1T7874DA</b>	<b>1T7875DA</b>	<b>1T7876DA</b>	<b>1T7877DA</b>



# STORE

## Gimbal

### GENERAL INFO

Recessed adjustable projector.  
Gimbal System to adjust the optical unit 30° vertically and 355° horizontally.

### LED

Chip on board  
From 2257lm to 4385lm  
3000K – 4000K  
Ra84 - Ra97

### PRODUCT EFFICACY

Up to 119lm/W

### OPTICS

NSP – SP – FL – MWFL – WFL

### OPTICS

Electronic - DALI  
Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Painted die-cast aluminium projector body and external ring. Polycarbonate internal ring.

Range of recessed fixtures available in two different sizes, designed to meet the particular needs of the retail market where excellent performance, minimal design and controlled light are required.

The light units can be single, and multi-optic 1x, 2x and 3x. Mini versions available with a frame with a Trimless finish.

Also available in a projector version.

	STORE with springs	STORE with magnets	STORE MINI with springs	STORE MINI with magnets
	160x160mm	160x160mm	145x145mm	145x145mm
1x	without a frame	only with a frame accessory	with or without a trimless frame accessory	only with a frame accessory
2x	no	only with a frame accessory	with or without a trimless frame accessory	only with a frame accessory
3x	no	only with a frame accessory	with or without a trimless frame accessory	only with a frame accessory





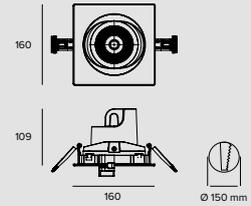
## Bruyninx DS Store

**Photographer**  
Eddy Vanoppen

**Country**  
Hasselt - Belgium



## Gimbal modules with springs



### LED / 19W / REFLECTOR / SP / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T5114EL</b>	<b>1T5116EL</b>
EL.	●	<b>1T5098EL</b>	<b>1T5100EL</b>
DALI	○	<b>1T5114DA</b>	<b>1T5116DA</b>
DALI	●	<b>1T5098DA</b>	<b>1T5100DA</b>

### LED / 19W / REFLECTOR / SP / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5115EL</b>	<b>1T5117EL</b>
EL.	●	<b>1T5099EL</b>	<b>1T5101EL</b>
DALI	○	<b>1T5115DA</b>	<b>1T5117DA</b>
DALI	●	<b>1T5099DA</b>	<b>1T5101DA</b>

### LED / 19W / REFLECTOR / FL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T5118EL</b>	<b>1T5120EL</b>
EL.	●	<b>1T5102EL</b>	<b>1T5104EL</b>
DALI	○	<b>1T5118DA</b>	<b>1T5120DA</b>
DALI	●	<b>1T5102DA</b>	<b>1T5104DA</b>

### LED / 19W / REFLECTOR / FL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5119EL</b>	<b>1T5121EL</b>
EL.	●	<b>1T5103EL</b>	<b>1T5105EL</b>
DALI	○	<b>1T5119DA</b>	<b>1T5121DA</b>
DALI	●	<b>1T5103DA</b>	<b>1T5105DA</b>

### LED / 19W / REFLECTOR / MWFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T5122EL</b>	<b>1T5124EL</b>
EL.	●	<b>1T5106EL</b>	<b>1T5108EL</b>
DALI	○	<b>1T5122DA</b>	<b>1T5124DA</b>
DALI	●	<b>1T5106DA</b>	<b>1T5108DA</b>

LED / 19W / REFLECTOR / MWFL / CRI97



Driver	Colour	3000K	4000K
EL.	○	1T5123EL	1T5125EL
EL.	●	1T5107EL	1T5109EL
DALI	○	1T5123DA	1T5125DA
DALI	●	1T5107DA	1T5109DA

LED / 19W / REFLECTOR / WFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	1T5126EL	1T5128EL
EL.	●	1T5110EL	1T5112EL
DALI	○	1T5126DA	1T5128DA
DALI	●	1T5110DA	1T5112DA

LED / 19W / REFLECTOR / WFL / CRI97



Driver	Colour	3000K	4000K
EL.	○	1T5127EL	1T5129EL
EL.	●	1T5111EL	1T5113EL
DALI	○	1T5127DA	1T5129DA
DALI	●	1T5111DA	1T5113DA

LED / 33W / REFLECTOR / SP / CRI84



Driver	Colour	3000K	4000K
EL.	○	1T5146EL	1T5148EL
EL.	●	1T5130EL	1T5132EL
DALI	○	1T5146DA	1T5148DA
DALI	●	1T5130DA	1T5132DA

LED / 33W / REFLECTOR / SP / CRI97



Driver	Colour	3000K	4000K
EL.	○	1T5147EL	1T5149EL
EL.	●	1T5131EL	1T5133EL
DALI	○	1T5147DA	1T5149DA
DALI	●	1T5131DA	1T5133DA

LED / 33W / REFLECTOR / FL / CRI84



Driver	Colour	3000K	4000K
EL.	○	1T5150EL	1T5152EL
EL.	●	1T5134EL	1T5136EL
DALI	○	1T5150DA	1T5152DA
DALI	●	1T5134DA	1T5136DA

# STORE

## LED / 33W / REFLECTOR / FL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5151EL</b>	<b>1T5153EL</b>
EL.	●	<b>1T5135EL</b>	<b>1T5137EL</b>
DALI	○	<b>1T5151DA</b>	<b>1T5153DA</b>
DALI	●	<b>1T5135DA</b>	<b>1T5137DA</b>

## LED / 33W / REFLECTOR / MWFL / CRI84



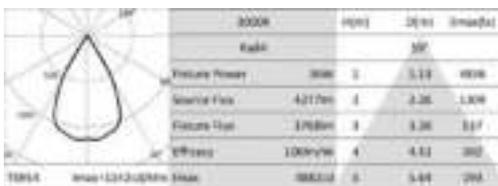
Driver	Colour	3000K	4000K
EL.	○	<b>1T5154EL</b>	<b>1T5156EL</b>
EL.	●	<b>1T5138EL</b>	<b>1T5140EL</b>
DALI	○	<b>1T5154DA</b>	<b>1T5156DA</b>
DALI	●	<b>1T5138DA</b>	<b>1T5140DA</b>

## LED / 33W / REFLECTOR / MWFL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5155EL</b>	<b>1T5157EL</b>
EL.	●	<b>1T5139EL</b>	<b>1T5141EL</b>
DALI	○	<b>1T5155DA</b>	<b>1T5157DA</b>
DALI	●	<b>1T5139DA</b>	<b>1T5141DA</b>

## LED / 33W / REFLECTOR / WFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T5158EL</b>	<b>1T5160EL</b>
EL.	●	<b>1T5142EL</b>	<b>1T5144EL</b>
DALI	○	<b>1T5158DA</b>	<b>1T5160DA</b>
DALI	●	<b>1T5142DA</b>	<b>1T5144DA</b>

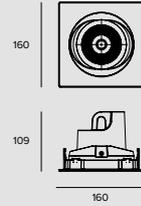
## LED / 33W / REFLECTOR / WFL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5159EL</b>	<b>1T5161EL</b>
EL.	●	<b>1T5143EL</b>	<b>1T5145EL</b>
DALI	○	<b>1T5159DA</b>	<b>1T5161DA</b>
DALI	●	<b>1T5143DA</b>	<b>1T5145DA</b>



## Gimbal modules with magnets



### LED / 19W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Area(m²)		
Kahl			14°			
Fixture Power	22W	2	0.24	2042		
Mounting Fix	180mm	4	0.88	5756		
Fixture Size	180mm	4	0.72	2528		
Efficiency	122lm/W	4	0.96	1428		
TS847	Area-Beam-Angle	Beam	180mm	4	0.20	810

Driver	Colour	3000K	4000K
EL.	○	<b>1T6445EL</b>	<b>1T6447EL</b>
EL.	●	<b>1T6429EL</b>	<b>1T6431EL</b>
DALI	○	<b>1T6445DA</b>	<b>1T6447DA</b>
DALI	●	<b>1T6429DA</b>	<b>1T6431DA</b>

### LED / 19W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Area(m²)		
Kahl			14°			
Fixture Power	22W	2	0.24	1776		
Mounting Fix	120mm	4	0.88	3128		
Fixture Size	120mm	4	0.72	1867		
Efficiency	88lm/W	4	0.96	1206		
TS847	Area-Beam-Angle	Beam	170mm	4	0.20	838

Driver	Colour	3000K	4000K
EL.	○	<b>1T6446EL</b>	<b>1T6448EL</b>
EL.	●	<b>1T6430EL</b>	<b>1T6432EL</b>
DALI	○	<b>1T6446DA</b>	<b>1T6448DA</b>
DALI	●	<b>1T6430DA</b>	<b>1T6432DA</b>

### LED / 19W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Area(m²)		
Kahl			27°			
Fixture Power	22W	2	0.69	932		
Mounting Fix	180mm	4	0.97	2886		
Fixture Size	180mm	4	0.86	1007		
Efficiency	122lm/W	4	0.95	246		
TS848	Area-Beam-Angle	Beam	180mm	4	2.43	362

Driver	Colour	3000K	4000K
EL.	○	<b>1T6449EL</b>	<b>1T6451EL</b>
EL.	●	<b>1T6433EL</b>	<b>1T6435EL</b>
DALI	○	<b>1T6449DA</b>	<b>1T6451DA</b>
DALI	●	<b>1T6433DA</b>	<b>1T6435DA</b>

### LED / 19W / REFLECTOR / FL / CRI97



	3000K	H(m)	D(m)	Area(m²)		
Kahl			27°			
Fixture Power	22W	2	0.69	898		
Mounting Fix	120mm	4	0.97	1712		
Fixture Size	120mm	4	0.86	774		
Efficiency	88lm/W	4	0.95	426		
TS848	Area-Beam-Angle	Beam	180mm	4	2.43	279

Driver	Colour	3000K	4000K
EL.	○	<b>1T6450EL</b>	<b>1T6452EL</b>
EL.	●	<b>1T6434EL</b>	<b>1T6436EL</b>
DALI	○	<b>1T6450DA</b>	<b>1T6452DA</b>
DALI	●	<b>1T6434DA</b>	<b>1T6436DA</b>

### LED / 19W / REFLECTOR / MWFL / CRI84



	3000K	H(m)	D(m)	Area(m²)		
Kahl			43°			
Fixture Power	22W	2	0.63	4778		
Mounting Fix	180mm	4	0.89	1894		
Fixture Size	120mm	4	0.76	583		
Efficiency	122lm/W	4	0.28	249		
TS849	Area-Beam-Angle	Beam	180mm	4	4.12	295

Driver	Colour	3000K	4000K
EL.	○	<b>1T6453EL</b>	<b>1T6455EL</b>
EL.	●	<b>1T6437EL</b>	<b>1T6439EL</b>
DALI	○	<b>1T6453DA</b>	<b>1T6455DA</b>
DALI	●	<b>1T6437DA</b>	<b>1T6439DA</b>

# STORE

## LED / 19W / REFLECTOR / MWFL / CRI97



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )
Kahl			47°	
Fixture Power	22W	3	0.82	888
Mounting Fix	1207mm	4	0.48	817
Fixture Size	1362mm	3	3.86	908
Efficiency	88lm/W	4	3.28	279
TM212	Area=1362x1362mm	3	4.12	247

Driver	Colour	3000K	4000K
EL.	○	<b>1T6454EL</b>	<b>1T6456EL</b>
EL.	●	<b>1T6438EL</b>	<b>1T6440EL</b>
DALI	○	<b>1T6454DA</b>	<b>1T6456DA</b>
DALI	●	<b>1T6438DA</b>	<b>1T6440DA</b>

## LED / 19W / REFLECTOR / WFL / CRI84



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )
Kahl			30°	
Fixture Power	22W	3	1.14	928
Mounting Fix	1393mm	4	2.26	830
Fixture Size	1583mm	3	4.36	869
Efficiency	128lm/W	4	4.61	287
TM212	Area=1583x1583mm	3	6.89	248

Driver	Colour	3000K	4000K
EL.	○	<b>1T6457EL</b>	<b>1T6459EL</b>
EL.	●	<b>1T6441EL</b>	<b>1T6443EL</b>
DALI	○	<b>1T6457DA</b>	<b>1T6459DA</b>
DALI	●	<b>1T6441DA</b>	<b>1T6443DA</b>

## LED / 19W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )
Kahl			30°	
Fixture Power	22W	3	1.14	928
Mounting Fix	1207mm	4	2.26	818
Fixture Size	1362mm	3	4.36	894
Efficiency	88lm/W	4	4.61	279
TM212	Area=1362x1362mm	3	6.89	302

Driver	Colour	3000K	4000K
EL.	○	<b>1T6458EL</b>	<b>1T6460EL</b>
EL.	●	<b>1T6442EL</b>	<b>1T6444EL</b>
DALI	○	<b>1T6458DA</b>	<b>1T6460DA</b>
DALI	●	<b>1T6442DA</b>	<b>1T6444DA</b>

## LED / 33W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )
Kahl			14°	
Fixture Power	30W	3	0.24	9792
Mounting Fix	4217mm	4	0.88	8888
Fixture Size	4623mm	3	6.73	9728
Efficiency	123lm/W	4	6.96	2081
TM212	Area=4623x4623mm	3	9.20	1892

Driver	Colour	3000K	4000K
EL.	○	<b>1T6477EL</b>	<b>1T6479EL</b>
EL.	●	<b>1T6461EL</b>	<b>1T6463EL</b>
DALI	○	<b>1T6477DA</b>	<b>1T6479DA</b>
DALI	●	<b>1T6461DA</b>	<b>1T6463DA</b>

## LED / 33W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )
Kahl			14°	
Fixture Power	30W	3	0.24	20808
Mounting Fix	4200mm	4	0.88	8484
Fixture Size	4700mm	3	6.73	2888
Efficiency	78lm/W	4	6.96	1834
TM212	Area=4700x4700mm	3	9.20	1092

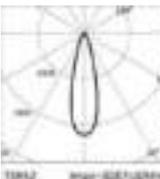
Driver	Colour	3000K	4000K
EL.	○	<b>1T6478EL</b>	<b>1T6480EL</b>
EL.	●	<b>1T6462EL</b>	<b>1T6464EL</b>
DALI	○	<b>1T6478DA</b>	<b>1T6480DA</b>
DALI	●	<b>1T6462DA</b>	<b>1T6464DA</b>

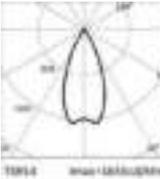
## LED / 33W / REFLECTOR / FL / CRI84

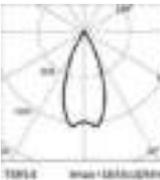


	3000K	H(m)	D(m)	Area(m <sup>2</sup> )
Kahl			27°	
Fixture Power	30W	3	0.88	11208
Mounting Fix	4217mm	4	0.88	8801
Fixture Size	4623mm	3	6.88	1487
Efficiency	123lm/W	4	6.96	878
TM212	Area=4623x4623mm	3	9.63	828

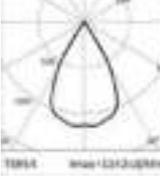
Driver	Colour	3000K	4000K
EL.	○	<b>1T6481EL</b>	<b>1T6483EL</b>
EL.	●	<b>1T6465EL</b>	<b>1T6467EL</b>
DALI	○	<b>1T6481DA</b>	<b>1T6483DA</b>
DALI	●	<b>1T6465DA</b>	<b>1T6467DA</b>

LED / 33W / REFLECTOR / FL / CRI97										
	3000K	4000K	20°	3000K	4000K	Driver	Colour	3000K	4000K	
	kahl				27°		EL.	○	<b>1T6482EL</b>	<b>1T6484EL</b>
	Fixture Power	30W	3	0.99	10137	EL.	●	<b>1T6466EL</b>	<b>1T6468EL</b>	
	Mounting Fix	1200mm	4	0.97	2628	DALI	○	<b>1T6482DA</b>	<b>1T6484DA</b>	
	Fixture Size	178mm	3	0.96	1128	DALI	●	<b>1T6466DA</b>	<b>1T6468DA</b>	
Efficiency	78lm/W	4	1.00	631						
TM14	3000K	4000K	20°	27°						
	3000K	4000K	27°							

LED / 33W / REFLECTOR / MWFL / CRI84										
	3000K	4000K	45°	3000K	4000K	Driver	Colour	3000K	4000K	
	kahl				45°		EL.	○	<b>1T6485EL</b>	<b>1T6487EL</b>
	Fixture Power	30W	3	0.93	8951	EL.	●	<b>1T6469EL</b>	<b>1T6471EL</b>	
	Mounting Fix	4217mm	4	0.88	1338	DALI	○	<b>1T6485DA</b>	<b>1T6487DA</b>	
	Fixture Size	171mm	3	0.90	172	DALI	●	<b>1T6469DA</b>	<b>1T6471DA</b>	
Efficiency	134lm/W	4	1.28	534						
TM14	3000K	4000K	45°	45°						

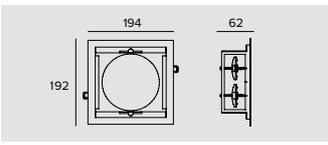
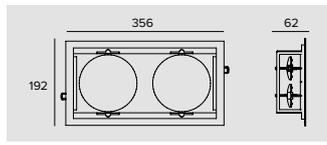
LED / 33W / REFLECTOR / MWFL / CRI97										
	3000K	4000K	45°	3000K	4000K	Driver	Colour	3000K	4000K	
	kahl				45°		EL.	○	<b>1T6486EL</b>	<b>1T6488EL</b>
	Fixture Power	30W	3	0.93	8847	EL.	●	<b>1T6470EL</b>	<b>1T6472EL</b>	
	Mounting Fix	1200mm	4	0.88	1337	DALI	○	<b>1T6486DA</b>	<b>1T6488DA</b>	
	Fixture Size	187mm	3	0.90	594	DALI	●	<b>1T6470DA</b>	<b>1T6472DA</b>	
Efficiency	80lm/W	4	1.28	344						
TM14	3000K	4000K	45°	45°						

LED / 33W / REFLECTOR / WFL / CRI84										
	3000K	4000K	30°	3000K	4000K	Driver	Colour	3000K	4000K	
	kahl				30°		EL.	○	<b>1T6489EL</b>	<b>1T6491EL</b>
	Fixture Power	30W	3	0.93	8838	EL.	●	<b>1T6473EL</b>	<b>1T6475EL</b>	
	Mounting Fix	4217mm	4	0.86	1308	DALI	○	<b>1T6489DA</b>	<b>1T6491DA</b>	
	Fixture Size	176mm	3	0.90	317	DALI	●	<b>1T6473DA</b>	<b>1T6475DA</b>	
Efficiency	108lm/W	4	0.81	382						
TM14	3000K	4000K	30°	30°						

LED / 33W / REFLECTOR / WFL / CRI97										
	3000K	4000K	30°	3000K	4000K	Driver	Colour	3000K	4000K	
	kahl				30°		EL.	○	<b>1T6490EL</b>	<b>1T6492EL</b>
	Fixture Power	30W	3	0.93	8728	EL.	●	<b>1T6474EL</b>	<b>1T6476EL</b>	
	Mounting Fix	1200mm	4	0.86	648	DALI	○	<b>1T6490DA</b>	<b>1T6492DA</b>	
	Fixture Size	188mm	3	0.90	113	DALI	●	<b>1T6474DA</b>	<b>1T6476DA</b>	
Efficiency	81lm/W	4	0.81	239						
TM14	3000K	4000K	30°	30°						

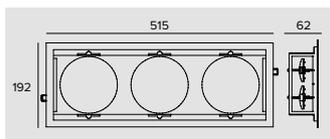
Nota: Version with magnets to be complet with insertion box.

## Related codes

Insertion Box			
	Cutout hole	Colour	Code
	180x180	○	<b>1T6496</b>
	180x180	●	<b>1T6493</b>
	Cutout hole	Colour	Code
	335x180	○	<b>1T6497</b>
	335x180	●	<b>1T6494</b>
Frame 1x.			
Frame 2x.			

Recessed

# STORE

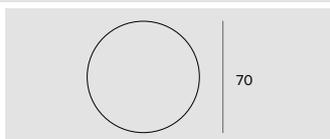


Cutout hole	Colour	Code
485x180	○	<b>1T6498</b>
485x180	●	<b>1T6495</b>

Frame 3x.

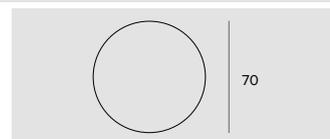
## Accessories

### Filter



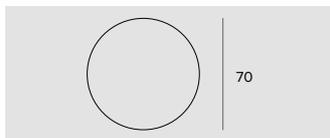
Filter	Ø	Code
Red	70	<b>1T1712</b>
Green	70	<b>1T1713</b>
Blue	70	<b>1T1714</b>
Yellow	70	<b>1T1715</b>
Magenta	70	<b>1T1716</b>

Flat glass interference chromatic filter.  
To be completed with an additional holder ring.



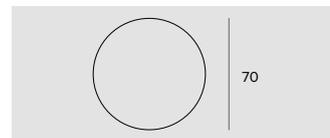
Ø	Code
70	<b>1T1708</b>

Flat striped glass blade light refractive filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with an additional holder ring.



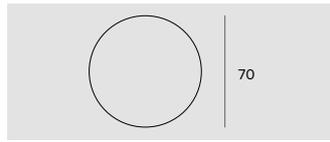
Ø	Code
70	<b>1T1709</b>

Flat glass wired refractive diffusive filter.  
This softens the luminous effect.  
To be completed with an additional holder ring.



Filter	Ø	Code
Halogen +	70	<b>1T6506</b>
Vivid +	70	<b>1T6507</b>

Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	<b>1T6508</b>
Fish	70	<b>1T6509</b>
Bread	70	<b>1T6510</b>
Vegetables	70	<b>1T6511</b>

**Food filter.**

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be completed with an additional holder ring.

**1T6508**

To be used only with 3000K and Ra80 fixtures.

**1T6509**

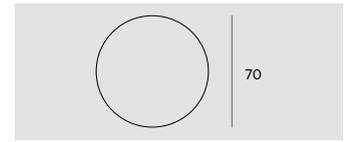
To be used only with 4000K and Ra80 fixtures.

**1T6510**

To be used only with 3000K and Ra80 fixtures.

**1T6511**

To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	70	<b>1T6512</b>

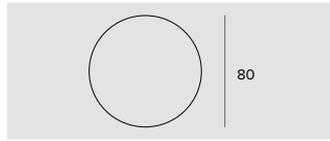
**Beauty filter.**

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.

To be completed with an additional holder ring.

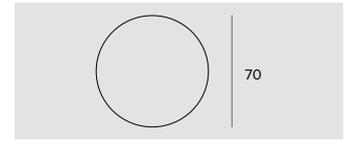
**Screen**



Ø	Code
80	<b>1T6522</b>

**Protective screen.**

**Grid**



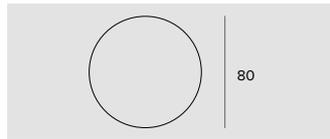
Ø	Code
70	<b>1T1711</b>

**Anti-glare louver.**

Black painted metal honeycomb structure.

To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9 and Keplero Mini HE.

**Zoom**



Ø	Code
80	<b>1T3432</b>

**Zoom.**

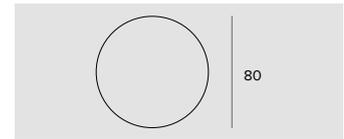
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

To be used after removing the existing optic.

It makes it possible to obtain a variable beam from 15° to 60°.

It can not be used with NSP and hybrid optics; no for DBS version.

**Cut-off**



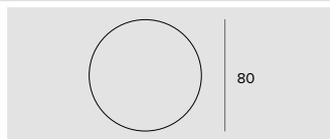
Ø	Code
80	<b>1T3142</b>

**Cut-off Tube.**

Allows for the beam to be focused while removing the fall-off component.

No for DBS version.

**Screen**



Ø	Code
80	<b>1T3143</b>

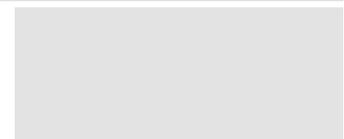
**Black painted anodized diffusive aluminium asymmetric screen.**

Complete with blade light filter.

Ideal for a Wall Washer effect.

To be combined with spot and flood optics.

**Holder Ring**



Code
<b>1T3727</b>

**Transparent polycarbonate accessory holder ring.**

# STORE

## Emergency Kit



Code

**1T3144**

Emergency kit.  
Inverter + 3h battery pack.  
IP20.

## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



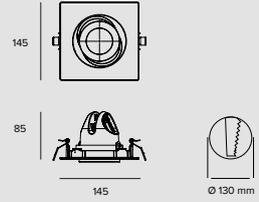
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Mini Gimbal modules with springs



### LED / 2,7W / LENS / NSP

	3000K	H(m)	D(m)	Area(m²)		
Beam			4°			
Fixture Power	27W	3	0.13	4136		
Mounting Hole	200mm	4	0.30	1.228		
Fixture Size	142mm	4	0.85	661		
Efficiency	115lm/W	4	0.80	277		
TM262	Area=22170up/down	Area	936mm	6	0.75	277

Driver	Colour	3000K	4000K
EL.	○	<b>1T4934EL</b>	<b>1T4935EL</b>
EL.	●	<b>1T4926EL</b>	<b>1T4927EL</b>
DALI	○	<b>1T4934DA</b>	<b>1T4935DA</b>
DALI	●	<b>1T4926DA</b>	<b>1T4927DA</b>

### LED / 11W / LENS / SP

	3000K	H(m)	D(m)	Area(m²)		
Beam			13°			
Fixture Power	11W	3	0.37	1060		
Mounting Hole	174mm	4	0.33	938		
Fixture Size	134mm	4	0.80	319		
Efficiency	99lm/W	4	1.03	1037		
TM262	Area=9170up/down	Area	1491mm	6	0.33	677

Driver	Colour	3000K	4000K
EL.	○	<b>1T4936EL</b>	<b>1T4937EL</b>
EL.	●	<b>1T4928EL</b>	<b>1T4929EL</b>
DALI	○	<b>1T4936DA</b>	<b>1T4937DA</b>
DALI	●	<b>1T4928DA</b>	<b>1T4929DA</b>

### LED / 18W / LENS / SP

	3000K	H(m)	D(m)	Area(m²)		
Beam			18°			
Fixture Power	18W	3	0.53	1503		
Mounting Hole	184mm	4	0.33	1201		
Fixture Size	130mm	4	1.30	679		
Efficiency	99lm/W	4	1.73	1161		
TM262	Area=9170up/down	Area	983mm	6	2.17	342

Driver	Colour	3000K	4000K
EL.	○	<b>1T4948EL</b>	<b>1T4949EL</b>
EL.	●	<b>1T4942EL</b>	<b>1T4943EL</b>
DALI	○	<b>1T4948DA</b>	<b>1T4949DA</b>
DALI	●	<b>1T4942DA</b>	<b>1T4943DA</b>

### LED / 12W / LENS / FL

	3000K	H(m)	D(m)	Area(m²)		
Beam			30°			
Fixture Power	12W	3	0.54	1620		
Mounting Hole	181.7mm	4	1.00	1.006		
Fixture Size	131mm	4	1.54	591		
Efficiency	97lm/W	4	2.17	361		
TM262	Area=9170up/down	Area	983mm	6	2.72	293

Driver	Colour	3000K	4000K
EL.	○	<b>1T4938EL</b>	<b>1T4939EL</b>
EL.	●	<b>1T4930EL</b>	<b>1T4931EL</b>
DALI	○	<b>1T4938DA</b>	<b>1T4939DA</b>
DALI	●	<b>1T4930DA</b>	<b>1T4931DA</b>

### LED / 12W / REFLECTOR / MWFL

	3000K	H(m)	D(m)	Area(m²)		
Beam			48°			
Fixture Power	12W	3	0.80	2476		
Mounting Hole	181.7mm	4	1.30	818		
Fixture Size	152mm	4	2.88	273		
Efficiency	153lm/W	4	3.38	338		
TM262	Area=14720up/down	Area	252mm	6	4.30	95

Driver	Colour	3000K	4000K
EL.	○	<b>1T4940EL</b>	<b>1T4941EL</b>
EL.	●	<b>1T4932EL</b>	<b>1T4933EL</b>
DALI	○	<b>1T4940DA</b>	<b>1T4941DA</b>
DALI	●	<b>1T4932DA</b>	<b>1T4933DA</b>

# STORE

## LED / 18W / REFLECTOR / MWFL



	3000K	4000K	3000K	4000K
Beam	48°	48°		
Fixture Power	20W	2	0.80	0.23
Mounting Fix	180mm	4	0.80	0.00
Fixture Size	120mm	4	0.80	0.00
Efficiency	120lm/W	4	0.30	0.00
Beam Spread	48°	4	0.30	0.00

Driver	Colour	3000K	4000K
EL.	○	<b>1T4950EL</b>	<b>1T4951EL</b>
EL.	●	<b>1T4944EL</b>	<b>1T4945EL</b>
DALI	○	<b>1T4950DA</b>	<b>1T4951DA</b>
DALI	●	<b>1T4944DA</b>	<b>1T4945DA</b>

## LED / 18W / REFLECTOR / WFL

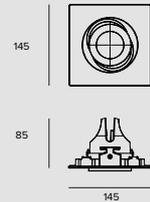


	3000K	4000K	3000K	4000K
Beam	40°	40°		
Fixture Power	20W	2	0.16	0.00
Mounting Fix	180mm	4	2.22	0.00
Fixture Size	120mm	4	0.01	0.01
Efficiency	90lm/W	4	0.03	0.00
Beam Spread	40°	4	0.79	0.00

Driver	Colour	3000K	4000K
EL.	○	<b>1T4952EL</b>	<b>1T4953EL</b>
EL.	●	<b>1T4946EL</b>	<b>1T4947EL</b>
DALI	○	<b>1T4952DA</b>	<b>1T4953DA</b>
DALI	●	<b>1T4946DA</b>	<b>1T4947DA</b>



**Mini Gimbal modules with magnets**



## LED / 2,7W / LENS / NSP



	3000K	4000K	3000K	4000K
Beam	9°	9°		
Fixture Power	3W	2	0.13	0.00
Mounting Fix	200mm	4	0.80	0.00
Fixture Size	120mm	4	0.00	0.00
Efficiency	90lm/W	4	0.00	0.00
Beam Spread	9°	4	0.79	0.00

Driver	Colour	3000K	4000K
EL.	○	<b>1T5960EL</b>	<b>1T5961EL</b>
EL.	●	<b>1T5952EL</b>	<b>1T5953EL</b>
DALI	○	<b>1T5960DA</b>	<b>1T5961DA</b>
DALI	●	<b>1T5952DA</b>	<b>1T5953DA</b>

## LED / 11W / LENS / SP



	3000K	4000K	3000K	4000K
Beam	13°	13°		
Fixture Power	12W	2	0.27	0.00
Mounting Fix	180mm	4	0.03	0.00
Fixture Size	120mm	4	0.00	0.00
Efficiency	90lm/W	4	0.03	0.00
Beam Spread	13°	4	0.30	0.00

Driver	Colour	3000K	4000K
EL.	○	<b>1T5962EL</b>	<b>1T5963EL</b>
EL.	●	<b>1T5954EL</b>	<b>1T5955EL</b>
DALI	○	<b>1T5962DA</b>	<b>1T5963DA</b>
DALI	●	<b>1T5954DA</b>	<b>1T5955DA</b>

## LED / 18W / LENS / SP



	3000K	4000K	3000K	4000K
Beam	28°	28°		
Fixture Power	20W	2	0.03	0.00
Mounting Fix	180mm	4	0.03	0.00
Fixture Size	120mm	4	0.00	0.00
Efficiency	90lm/W	4	0.79	0.00
Beam Spread	28°	4	2.17	0.00

Driver	Colour	3000K	4000K
EL.	○	<b>1T5974EL</b>	<b>1T5975EL</b>
EL.	●	<b>1T5968EL</b>	<b>1T5969EL</b>
DALI	○	<b>1T5974DA</b>	<b>1T5975DA</b>
DALI	●	<b>1T5968DA</b>	<b>1T5969DA</b>

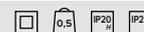
### LED / 12W / LENS / FL



	3000K	4000K	3000K	4000K
Beam Angle	30°			
Fixture Power	12W	2	0.34	0.29
Mounting Hole	181.2mm	4	3.00	3.00
Fixture Size	133.0mm	4	3.81	3.81
Efficiency	87.5%	4	3.17	3.02
Weight	98.2g	4	2.72	2.64

Driver	Colour	3000K	4000K
EL.	○	<b>1T5964EL</b>	<b>1T5965EL</b>
EL.	●	<b>1T5956EL</b>	<b>1T5957EL</b>
DALI	○	<b>1T5964DA</b>	<b>1T5965DA</b>
DALI	●	<b>1T5956DA</b>	<b>1T5957DA</b>

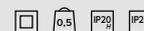
### LED / 12W / REFLECTOR / MWFL



	3000K	4000K	3000K	4000K
Beam Angle	48°			
Fixture Power	12W	2	0.40	0.37
Mounting Hole	181.2mm	4	3.00	3.00
Fixture Size	133.0mm	4	3.81	3.71
Efficiency	113.9%	4	3.32	3.13
Weight	292.0g	4	4.50	4.40

Driver	Colour	3000K	4000K
EL.	○	<b>1T5966EL</b>	<b>1T5967EL</b>
EL.	●	<b>1T5958EL</b>	<b>1T5959EL</b>
DALI	○	<b>1T5966DA</b>	<b>1T5967DA</b>
DALI	●	<b>1T5958DA</b>	<b>1T5959DA</b>

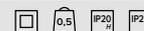
### LED / 18W / REFLECTOR / MWFL



	3000K	4000K	3000K	4000K
Beam Angle	48°			
Fixture Power	18W	2	0.40	0.37
Mounting Hole	186.0mm	4	3.00	3.00
Fixture Size	133.0mm	4	3.81	3.81
Efficiency	113.9%	4	3.32	3.13
Weight	488.0g	4	4.50	4.40

Driver	Colour	3000K	4000K
EL.	○	<b>1T6419EL</b>	<b>1T6420EL</b>
EL.	●	<b>1T5970EL</b>	<b>1T5971EL</b>
DALI	○	<b>1T6419DA</b>	<b>1T6420DA</b>
DALI	●	<b>1T5970DA</b>	<b>1T5971DA</b>

### LED / 18W / REFLECTOR / WFL



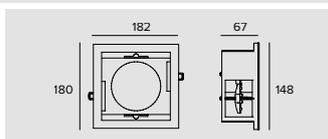
	3000K	4000K	3000K	4000K
Beam Angle	60°			
Fixture Power	18W	2	0.33	0.29
Mounting Hole	186.0mm	4	3.32	3.00
Fixture Size	133.0mm	4	3.07	3.07
Efficiency	89.9%	4	4.43	3.93
Weight	283.0g	4	3.79	3.60

Driver	Colour	3000K	4000K
EL.	○	<b>1T6421EL</b>	<b>1T6422EL</b>
EL.	●	<b>1T5972EL</b>	<b>1T5973EL</b>
DALI	○	<b>1T6421DA</b>	<b>1T6422DA</b>
DALI	●	<b>1T5972DA</b>	<b>1T5973DA</b>

Nota: Version with magnets to be complet with insertion box.

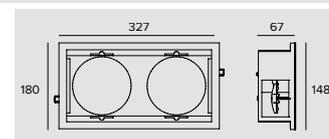
## Related codes

### Insertion Box



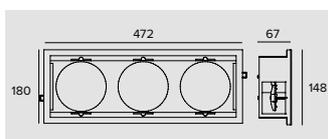
Cutout hole	Colour	Code
150x150	○	<b>1T6426</b>
150x150	●	<b>1T6423</b>

Frame 1x. For version with magnets.



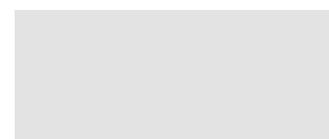
Cutout hole	Colour	Code
300x150	○	<b>1T6427</b>
300x150	●	<b>1T6424</b>

Frame 2x. For version with magnets.



Cutout hole	Colour	Code
450x150	○	<b>1T6428</b>
450x150	●	<b>1T6425</b>

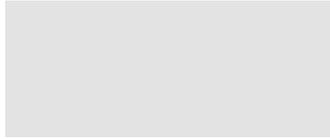
Frame 3x. For version with magnets.



Cutout hole	Code
149x149	<b>1T7404</b>

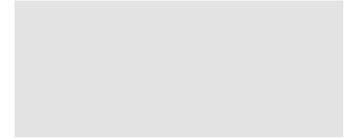
Trimless frame 1x. For version with springs.

# STORE



Cutout hole	Code
149x295	<b>1T7405</b>

Trimless frame 2x. For version with springs.

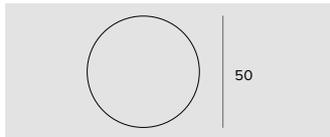


Cutout hole	Code
149x441	<b>1T7406</b>

Trimless frame 3x. For version with springs.

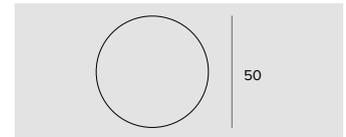
## Accessories

### Filter



Filter	Ø	Code
Red	50	<b>49881</b>
Green	50	<b>49882</b>
Blue	50	<b>49886</b>
Yellow	50	<b>49887</b>
Magenta	50	<b>49959</b>

Flat glass interference chromatic filter.



Ø	Code
50	<b>1T4721</b>

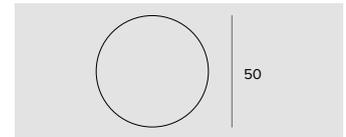
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.



Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

#### Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

#### Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

#### 1T6385

To be used only with 3000K and Ra80 fixtures.

#### 1T6387

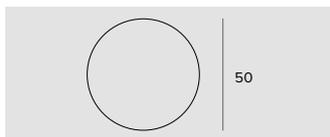
To be used only with 4000K and Ra80 fixtures.

#### 1T6389

To be used only with 3000K and Ra80 fixtures.

#### 1T6391

To be used only with 3000K and Ra80 fixtures.

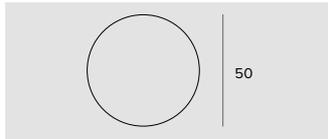


Filter	Ø	Code
Beauty	50	<b>1T6393</b>

#### Beauty filter.

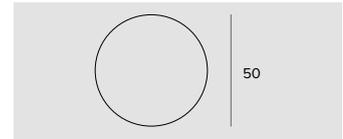
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.

## Screen



Ø Code  
50 **1T4325**

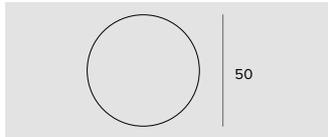
Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.



Ø Code  
50 **1T6521**

Protective screen.

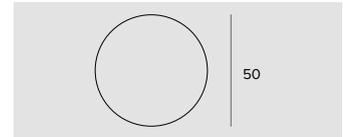
## Grid



Ø Code  
50 **1T4322**

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

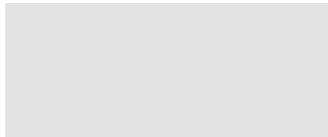
## Zoom



Ø Code  
50 **1T4324**

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It can not be used with a narrow spot optic.  
It makes it possible to obtain a variable beam from 15° to 60°.

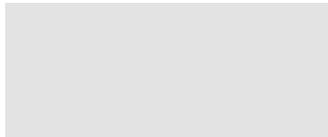
## Emergency Kit



Code  
**1T3144**

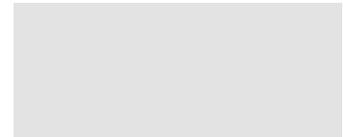
Emergency kit.  
Inverter + 3h battery pack.  
IP20.

## Control systems



Code  
**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# ZENO

## Small extractable

### GENERAL INFO

Recessed, extractable and adjustable LED professional projector.

The optical unit can be adjusted from 0 to 90° on the vertical plane and 360° on the horizontal plane with the possibility to block beam.

Ø105mm

### LED

COB Chip on board

From 1430lm to 1692lm

3000K – 4000K

Ra97

### PRODUCT EFFICACY

Up to 90lm/W

### OPTICS

NSP – SP – FL – MWFL – WFL

### POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Die-cast painted aluminium body.

A range of professional projectors especially for museum lighting, given the quality of the LED sources, the cutting edge optics and installation flexibility.

Also available in a projector version in three different sizes.

#### ZENO SMALL

Ø105mm

LED	Flux (lm)	1430- 1692
	Power	11W - 12W

#### OPTICS

NSP	Lens	•
SP	Lens	•
FL	Lens	•
MWFL	Reflector	•
WFL	Reflector	•



01



## Trimless and complete with decorative ring

Recessed extractable fixture that can combine the flexibility of a projector with the ability to blend into the architecture.

02

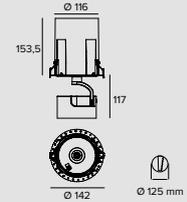


## The optical body

To be moved into four different positions.



## Small Extractable



### LED / 11W / LENS / NSP



3000K	4000K	Beam	Beam
Beam			
Fixture Power	11W	3	3.1
Mounting Hole	11.2mm	3	0.36
Fixture Size	112mm	3	0.36
Efficiency	80lm/W	4	0.31
Beam	11.2mm	3	0.36

Driver	Colour	3000K	4000K
EL.	○	<b>1T6551EL</b>	<b>1T6552EL</b>
EL.	●	<b>1T6553EL</b>	<b>1T6554EL</b>
DALI	○	<b>1T6551DA</b>	<b>1T6552DA</b>
DALI	●	<b>1T6553DA</b>	<b>1T6554DA</b>

### LED / 12W / LENS / SP



3000K	4000K	Beam	Beam
Beam			
Fixture Power	12W	3	3.1
Mounting Hole	11.2mm	3	0.36
Fixture Size	112mm	3	0.36
Efficiency	80lm/W	4	0.31
Beam	11.2mm	3	0.36

Driver	Colour	3000K	4000K
EL.	○	<b>1T6555EL</b>	<b>1T6556EL</b>
EL.	●	<b>1T6557EL</b>	<b>1T6558EL</b>
DALI	○	<b>1T6555DA</b>	<b>1T6556DA</b>
DALI	●	<b>1T6557DA</b>	<b>1T6558DA</b>

### LED / 12W / LENS / FL



3000K	4000K	Beam	Beam
Beam			
Fixture Power	12W	3	3.1
Mounting Hole	11.2mm	3	0.36
Fixture Size	112mm	3	0.36
Efficiency	80lm/W	4	0.31
Beam	11.2mm	3	0.36

Driver	Colour	3000K	4000K
EL.	○	<b>1T6559EL</b>	<b>1T6560EL</b>
EL.	●	<b>1T6561EL</b>	<b>1T6562EL</b>
DALI	○	<b>1T6559DA</b>	<b>1T6560DA</b>
DALI	●	<b>1T6561DA</b>	<b>1T6562DA</b>

### LED / 12W / REFLECTOR / MWFL



3000K	4000K	Beam	Beam
Beam			
Fixture Power	12W	3	3.1
Mounting Hole	11.2mm	3	0.36
Fixture Size	112mm	3	0.36
Efficiency	80lm/W	4	0.31
Beam	11.2mm	3	0.36

Driver	Colour	3000K	4000K
EL.	○	<b>1T6563EL</b>	<b>1T6564EL</b>
EL.	●	<b>1T6565EL</b>	<b>1T6566EL</b>
DALI	○	<b>1T6563DA</b>	<b>1T6564DA</b>
DALI	●	<b>1T6565DA</b>	<b>1T6566DA</b>

### LED / 12W / REFLECTOR / WFL

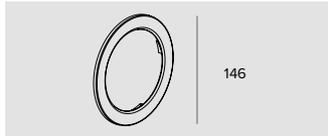


3000K	4000K	Beam	Beam
Beam			
Fixture Power	12W	3	3.1
Mounting Hole	11.2mm	3	0.36
Fixture Size	112mm	3	0.36
Efficiency	80lm/W	4	0.31
Beam	11.2mm	3	0.36

Driver	Colour	3000K	4000K
EL.	○	<b>1T6567EL</b>	<b>1T6568EL</b>
EL.	●	<b>1T6569EL</b>	<b>1T6570EL</b>
DALI	○	<b>1T6567DA</b>	<b>1T6568DA</b>
DALI	●	<b>1T6569DA</b>	<b>1T6570DA</b>

## Related codes

### Decorative Ring

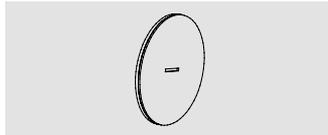


Ø	Colour	Code
146	○	<b>1T6579</b>
146	●	<b>1T6580</b>

Round ring.

## Accessories

### Filter



Code

**1T6572**

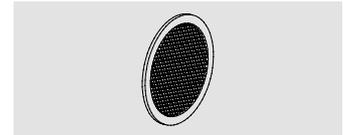
Blade of light filter.

Methacrylate holographic filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

To be completed with a dedicated holder ring.

### Grid



Code

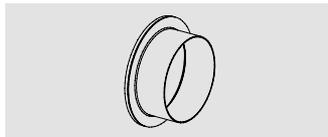
**1T6573**

Anti-glare louver.

Black lacquered aluminium honeycomb structure.

To be completed with a dedicated holder ring.

### Cut-off

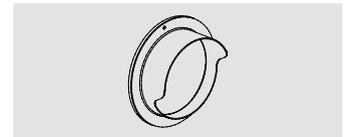


Code

**1T6574**

Black painted steel cut-off.

To be completed with a dedicated holder ring.



Code

**1T6575**

Black painted steel asymmetric cut-off.

To be completed with a dedicated holder ring.

### Ray Shade



Code

**1T6576**

Adjustable barn doors flaps made of black painted steel.

To be completed with a dedicated holder ring.

### Holder Ring



Colour

Code

●

**1T6571**

Black painted aluminium accessory holder ring.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.

It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.

It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CLOUD

## GENERAL INFO

Extractable recessed projectors  
 CLOUD Ø108mm  
 CLOUD MINI Ø73,5mm

## LED

Chip on board  
 From 1798lm to 7139lm  
 3000K – 4000K  
 Ra84  
 Ra97 (only for large version)

## PRODUCT EFFICACY

Up to 117lm/W

## OPTICS

SP – FL – MWFL – WFL  
 DBS - Digital beam opening control

## POWER SUPPLY

Electronic – DALI – 1-10V  
 Casambi control: DBS version Casambi on board. DALI version is fitted with special accessories.

## MATERIAL

Extractible head and remote heat sink in die-cast aluminium painted in plaster white or deep black finish, with rotation system by friction on hinges. Removable front ring made of die-cast aluminium painted in plaster white or deep black finish for the insertion of dedicated optical accessories. Installation frame made of die-cast aluminium painted.

A range of recessed extractable projectors with different solutions in terms of size, lumens, colour temperature. CLOUD can be completely recessed for complete formal simplicity or extracted up to 75° to project light where it is needed.

It comes in two different sizes Cloud and Cloud Mini

		CLOUD	CLOUD MINI
		Ø 108mm	Ø 73.5mm
LED	Flux	3299-7139	1798-2550
	Power	25W-50W	11W-18W

## OTTICHE

SP	Lenticolare		•
	Hybrid	•	
	Reflector	•	
FL	Lenticular		•
	Hybrid	•	
	Reflector	•	
MWFL	Reflector	•	•
WFL	Reflector	•	•



01



## Both the large and the small version

Are accessorised with a special Kicker that makes it possible to disappear into the false ceiling when the optical body is not fully extracted.

## There is also a DBS - Dynamic Beam Shaper- version

For CLOUD Ra97 only.

Recessed

02



## The product can be adjusted vertically

From 75° to -25° for the CLOUD version and from 75° to -20° for the CLOUD MINI version making it possible to retract the optic

197



# Venchi

**Architect**  
Studio Ceri

**Country**  
Florence - Italy



# CLOUD

## LED / 39W / REFLECTOR / MWFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T3611EL</b>	<b>1T4118EL</b>
EL.	●	<b>1T3620EL</b>	<b>1T4122EL</b>
1-10V	○	<b>1T3611D</b>	<b>1T4118D</b>
1-10V	●	<b>1T3620D</b>	<b>1T4122D</b>
DALI	○	<b>1T3611DA</b>	<b>1T4118DA</b>
DALI	●	<b>1T3620DA</b>	<b>1T4122DA</b>

## LED / 50W / REFLECTOR / MWFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T3614EL</b>	<b>1T4125EL</b>
EL.	●	<b>1T3623EL</b>	<b>1T4128EL</b>
1-10V	○	<b>1T3614D</b>	<b>1T4125D</b>
1-10V	●	<b>1T3623D</b>	<b>1T4128D</b>
DALI	○	<b>1T3614DA</b>	<b>1T4125DA</b>
DALI	●	<b>1T3623DA</b>	<b>1T4128DA</b>

## LED / 39W / REFLECTOR / WFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T3612EL</b>	<b>1T4119EL</b>
EL.	●	<b>1T3621EL</b>	<b>1T4123EL</b>
1-10V	○	<b>1T3612D</b>	<b>1T4119D</b>
1-10V	●	<b>1T3621D</b>	<b>1T4123D</b>
DALI	○	<b>1T3612DA</b>	<b>1T4119DA</b>
DALI	●	<b>1T3621DA</b>	<b>1T4123DA</b>

## LED / 50W / REFLECTOR / WFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T3615EL</b>	<b>1T4126EL</b>
EL.	●	<b>1T3624EL</b>	<b>1T4129EL</b>
1-10V	○	<b>1T3615D</b>	<b>1T4126D</b>
1-10V	●	<b>1T3624D</b>	<b>1T4129D</b>
DALI	○	<b>1T3615DA</b>	<b>1T4126DA</b>
DALI	●	<b>1T3624DA</b>	<b>1T4129DA</b>

## LED / 34W / HYBRID / SP / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T4791EL</b>	
1-10V	○	<b>1T4791D</b>	
DALI	○	<b>1T4791DA</b>	

## LED / 39W / REFLECTOR / SP / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T4297EL</b>	
1-10V	○	<b>1T4297D</b>	
DALI	○	<b>1T4297DA</b>	

**LED / 34W / HYBRID / FL / CRI97**



	3000K	4000K	3000K	4000K		
	kalt					
	Fixture Power	37W	3	0.98	799	
	Mounting Fix	1200mm	4	1.17	1028	
	Fixture Size	1200mm	3	1.75	817	
	Efficiency	34W/96	4	1.11	960	
TS17	Area=12400q/m²	Area	73462	6	1.82	294

Driver	Colour	3000K	4000K
EL.	○	<b>1T4792EL</b>	
1-10V	○	<b>1T4792D</b>	
DALI	○	<b>1T4792DA</b>	

**LED / 39W / REFLECTOR / FL / CRI97**



	3000K	4000K	3000K	4000K		
	kalt					
	Fixture Power	39W	3	0.93	1018	
	Mounting Fix	1200mm	4	1.03	1028	
	Fixture Size	1200mm	3	1.11	1098	
	Efficiency	39W/96	4	1.03	917	
TS16	Area=17700q/m²	Area	129188	6	1.52	170

Driver	Colour	3000K	4000K
EL.	○	<b>1T4298EL</b>	
1-10V	○	<b>1T4298D</b>	
DALI	○	<b>1T4298DA</b>	

**LED / 50W / REFLECTOR / FL / CRI97**



	3000K	4000K	3000K	4000K		
	kalt					
	Fixture Power	50W	3	0.94	1218	
	Mounting Fix	1200mm	4	1.28	2808	
	Fixture Size	1200mm	3	1.93	1294	
	Efficiency	50W/96	4	1.18	760	
TS18	Area=20000q/m²	Area	142888	6	1.72	148

Driver	Colour	3000K	4000K
EL.	○	<b>1T4301EL</b>	
1-10V	○	<b>1T4301D</b>	
DALI	○	<b>1T4301DA</b>	

**LED / 39W / REFLECTOR / MWFL / CRI97**



	3000K	4000K	3000K	4000K		
	kalt					
	Fixture Power	39W	3	0.79	622	
	Mounting Fix	1200mm	4	1.18	1048	
	Fixture Size	1200mm	3	1.36	897	
	Efficiency	39W/96	4	1.18	592	
TS17	Area=18800q/m²	Area	64798	6	1.92	252

Driver	Colour	3000K	4000K
EL.	○	<b>1T4299EL</b>	
1-10V	○	<b>1T4299D</b>	
DALI	○	<b>1T4299DA</b>	

**LED / 50W / REFLECTOR / MWFL / CRI97**



	3000K	4000K	3000K	4000K		
	kalt					
	Fixture Power	50W	3	0.87	768	
	Mounting Fix	1200mm	4	1.75	1878	
	Fixture Size	1200mm	3	2.61	872	
	Efficiency	50W/96	4	1.32	662	
TS16	Area=14720q/m²	Area	78822	6	1.52	212

Driver	Colour	3000K	4000K
EL.	○	<b>1T4302EL</b>	
1-10V	○	<b>1T4302D</b>	
DALI	○	<b>1T4302DA</b>	

**LED / 39W / REFLECTOR / WFL / CRI97**



	3000K	4000K	3000K	4000K		
	kalt					
	Fixture Power	39W	3	1.08	884	
	Mounting Fix	1200mm	4	1.16	1118	
	Fixture Size	1200mm	3	1.24	960	
	Efficiency	39W/96	4	1.12	278	
TS16	Area=13880q/m²	Area	98422	6	1.42	278

Driver	Colour	3000K	4000K
EL.	○	<b>1T4300EL</b>	
1-10V	○	<b>1T4300D</b>	
DALI	○	<b>1T4300DA</b>	

# CLOUD

## LED / 50W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	Area(m²)
Beam	30°			
Fixture Power	50W	2	3.14	628
Mounting Pole	1000mm	4	2.25	450
Fixture Size	4712mm	3	9.42	188
Efficiency	88lm/W	4	4.71	235
Beam	30°	2	3.14	628

Driver	Colour	3000K	4000K
EL	○	<b>1T4303EL</b>	
1-10V	○	<b>1T4303D</b>	
DALI	○	<b>1T4303DA</b>	

## LED / 34W / DBS / CRI97



	3000K	H(m)	D(m)	Area(m²)
Beam	20°			
Fixture Power	34W	2	3.14	628
Mounting Pole	1000mm	4	3.14	628
Fixture Size	1577mm	3	9.42	188
Efficiency	110lm/W	4	3.14	628
Beam	20°	2	3.14	628

Driver	Colour	3000K	4000K
CASAMBI	○	<b>1T6950CA</b>	

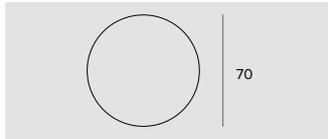
	3000K	H(m)	D(m)	Area(m²)
Beam	25°			
Fixture Power	37W	2	3.14	628
Mounting Pole	1000mm	4	3.14	628
Fixture Size	1329mm	3	9.42	188
Efficiency	110lm/W	4	3.14	628
Beam	25°	2	3.14	628

	3000K	H(m)	D(m)	Area(m²)
Beam	30°			
Fixture Power	37W	2	3.14	628
Mounting Pole	1000mm	4	3.14	628
Fixture Size	1482mm	3	9.42	188
Efficiency	110lm/W	4	3.14	628
Beam	30°	2	3.14	628

	3000K	H(m)	D(m)	Area(m²)
Beam	40°			
Fixture Power	37W	2	3.14	628
Mounting Pole	1000mm	4	3.14	628
Fixture Size	1800mm	3	9.42	188
Efficiency	110lm/W	4	3.14	628
Beam	40°	2	3.14	628

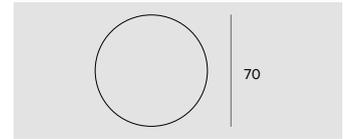
# Accessories

## Filter



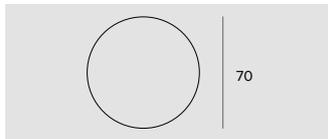
Filter	Ø	Code
Red	70	<b>1T1712</b>
Green	70	<b>1T1713</b>
Blue	70	<b>1T1714</b>
Yellow	70	<b>1T1715</b>
Magenta	70	<b>1T1716</b>

Flat glass interference chromatic filter.  
To be completed with an additional holder ring.



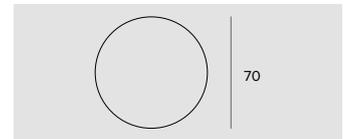
Ø	Code
70	<b>1T1708</b>

Flat striped glass blade light refractive filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with an additional holder ring.



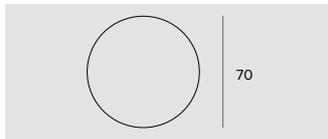
Ø	Code
70	<b>1T1709</b>

Flat glass wired refractive diffusive filter.  
This softens the luminous effect.  
To be completed with an additional holder ring.



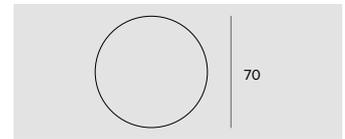
Filter	Ø	Code
Halogen +	70	<b>1T6506</b>
Vivid +	70	<b>1T6507</b>

Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	<b>1T6508</b>
Fish	70	<b>1T6509</b>
Bread	70	<b>1T6510</b>
Vegetables	70	<b>1T6511</b>

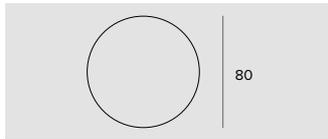
Food filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be completed with an additional holder ring.  
**1T6508**  
To be used only with 3000K and Ra80 fixtures.  
**1T6509**  
To be used only with 4000K and Ra80 fixtures.  
**1T6510**  
To be used only with 3000K and Ra80 fixtures.  
**1T6511**  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	70	<b>1T6512</b>

Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.

## Screen

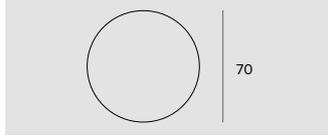


Ø	Code
80	<b>1T6522</b>

Protective screen.

# CLOUD

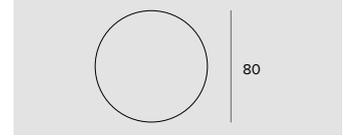
## Grid



Ø Code  
70 **1T1711**

Anti-glare louver.  
Black painted metal honeycomb structure.  
To be completed with an additional holder ring.

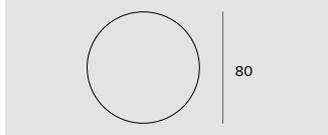
## Zoom



Ø Code  
80 **1T3432**

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It makes it possible to obtain a variable beam from 15° to 60°.  
It can not be used with NSP and hybrid optics; no for DBS version.

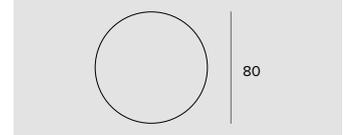
## Cut-off



Ø Code  
80 **1T3142**

Cut-off Tube.  
Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.

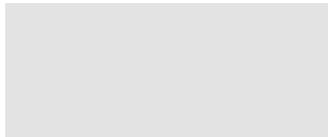
## Screen



Ø Code  
80 **1T3143**

Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

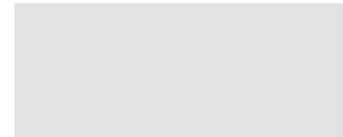
## Holder Ring



Code  
**1T3727**

Transparent polycarbonate accessory holder ring.

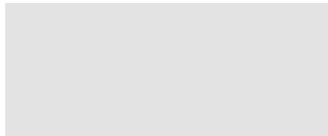
## Emergency Kit



Code  
**1T3144**

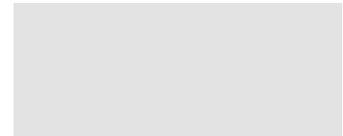
Emergency kit.  
Inverter + 3h battery pack.  
IP20.

## Control systems



Code  
**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

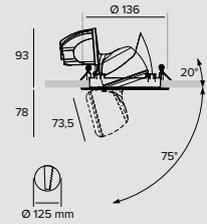


Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



# Mini



## LED / 11W / LENS / SP

	3000K	H(m)	D(m)	Area(m²)
Beam			23°	
Fixture Power	11W	2	0.37	1890
Mounting Hole	1794mm	4	0.23	6128
Fixture Size	1330mm	4	0.86	1819
Efficiency	98lm/W	4	1.07	1007
IP Rating	IP20/IP23	6	0.38	672

Driver	Colour	3000K	4000K
EL.	○	<b>1T4216EL</b>	<b>1T4228EL</b>
EL.	●	<b>1T4217EL</b>	<b>1T4229EL</b>
DALI	○	<b>1T4216DA</b>	<b>1T4228DA</b>
DALI	●	<b>1T4217DA</b>	<b>1T4229DA</b>

## LED / 18W / LENS / SP

	3000K	H(m)	D(m)	Area(m²)
Beam			28°	
Fixture Power	18W	2	0.53	2602
Mounting Hole	1868mm	4	0.23	2391
Fixture Size	1300mm	4	1.30	878
Efficiency	98lm/W	4	1.71	250
IP Rating	IP20/IP23	6	2.17	342

Driver	Colour	3000K	4000K
EL.	○	<b>1T4222EL</b>	<b>1T4234EL</b>
EL.	●	<b>1T4223EL</b>	<b>1T4235EL</b>
DALI	○	<b>1T4222DA</b>	<b>1T4234DA</b>
DALI	●	<b>1T4223DA</b>	<b>1T4235DA</b>

## LED / 12W / LENS / FL

	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	12W	2	0.54	1620
Mounting Hole	1817mm	4	1.00	1306
Fixture Size	1310mm	4	1.54	530
Efficiency	97lm/W	4	2.17	390
IP Rating	IP20/IP23	6	2.72	293

Driver	Colour	3000K	4000K
EL.	○	<b>1T4218EL</b>	<b>1T4230EL</b>
EL.	●	<b>1T4219EL</b>	<b>1T4231EL</b>
DALI	○	<b>1T4218DA</b>	<b>1T4230DA</b>
DALI	●	<b>1T4219DA</b>	<b>1T4231DA</b>

## LED / 18W / LENS / FL

	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	18W	2	0.54	1620
Mounting Hole	1868mm	4	1.00	1620
Fixture Size	1760mm	4	1.54	530
Efficiency	97lm/W	4	2.17	400
IP Rating	IP20/IP23	6	2.72	293

Driver	Colour	3000K	4000K
EL.	○	<b>1T4793EL</b>	<b>1T4795EL</b>
EL.	●	<b>1T4794EL</b>	<b>1T4796EL</b>
DALI	○	<b>1T4793DA</b>	<b>1T4795DA</b>
DALI	●	<b>1T4794DA</b>	<b>1T4796DA</b>

## LED / 12W / REFLECTOR / MWFL

	3000K	H(m)	D(m)	Area(m²)
Beam			48°	
Fixture Power	12W	2	0.80	2179
Mounting Hole	1817mm	4	1.30	818
Fixture Size	1520mm	4	2.88	270
Efficiency	133lm/W	4	3.38	250
IP Rating	IP20/IP23	6	4.50	90

Driver	Colour	3000K	4000K
EL.	○	<b>1T4220EL</b>	<b>1T4232EL</b>
EL.	●	<b>1T4221EL</b>	<b>1T4233EL</b>
DALI	○	<b>1T4220DA</b>	<b>1T4232DA</b>
DALI	●	<b>1T4221DA</b>	<b>1T4233DA</b>

# CLOUD

## LED / 18W / REFLECTOR / MWFL □ 0,7 P20 P23

	3000K	4000K	3000K	4000K	
	Ra80				
	Fixture Power	20W	2	0.80	8273
	Mounting Fix	180mm	4	0.80	830
	Fixture Size	130mm	4	0.80	830
	Efficiency	123lm/W	4	0.70	209

Driver	Colour	3000K	4000K
EL.	○	<b>1T4224EL</b>	<b>1T4236EL</b>
EL.	●	<b>1T4225EL</b>	<b>1T4237EL</b>
DALI	○	<b>1T4224DA</b>	<b>1T4236DA</b>
DALI	●	<b>1T4225DA</b>	<b>1T4237DA</b>

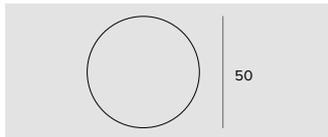
## LED / 18W / REFLECTOR / WFL □ 0,7 P20 P23

	3000K	4000K	3000K	4000K	
	Ra80				
	Fixture Power	20W	2	0.70	209
	Mounting Fix	180mm	4	0.70	490
	Fixture Size	130mm	4	0.67	267
	Efficiency	98lm/W	4	0.63	230

Driver	Colour	3000K	4000K
EL.	○	<b>1T4226EL</b>	<b>1T4238EL</b>
EL.	●	<b>1T4227EL</b>	<b>1T4239EL</b>
DALI	○	<b>1T4226DA</b>	<b>1T4238DA</b>
DALI	●	<b>1T4227DA</b>	<b>1T4239DA</b>

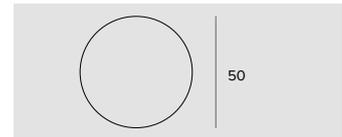
## Accessories

### Filter



Filter	Ø	Code
Red	50	<b>49881</b>
Green	50	<b>49882</b>
Blue	50	<b>49886</b>
Yellow	50	<b>49887</b>
Magenta	50	<b>49959</b>

Flat glass interference chromatic filter.

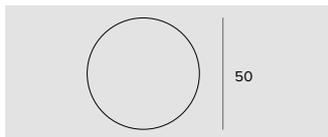


Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6385**

To be used only with 3000K and Ra80 fixtures.

**1T6387**

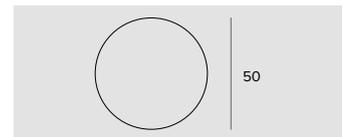
To be used only with 4000K and Ra80 fixtures.

**1T6389**

To be used only with 3000K and Ra80 fixtures.

**1T6391**

To be used only with 3000K and Ra80 fixtures.

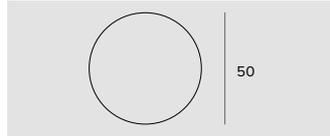


Filter	Ø	Code
Beauty	50	<b>1T6393</b>

Beauty filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

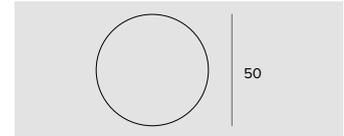
To be used only with 3000K and Ra80 fixtures.



Ø Code  
50 **1T4721**

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

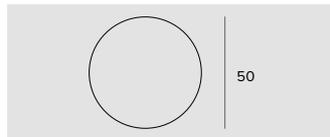
### Grid



Ø Code  
50 **1T4322**

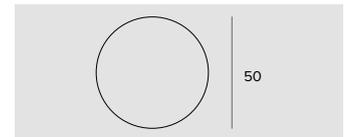
Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

### Screen



Ø Code  
50 **1T6521**

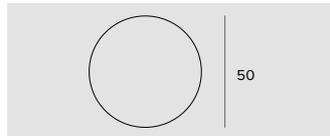
Protective screen.



Ø Code  
50 **1T4325**

Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

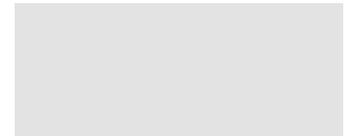
### Zoom



Ø Code  
50 **1T4324**

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It can not be used with a narrow spot optic.  
It makes it possible to obtain a variable beam from 15° to 60°.

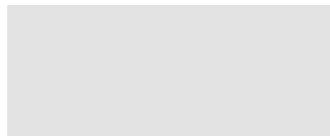
### Emergency Kit



Code  
**1T3144**

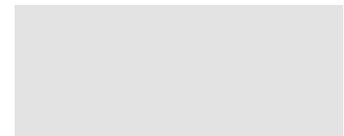
Emergency kit.  
Inverter + 3h battery pack.  
IP20.

### Control systems



Code  
**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# COZY

## GENERAL INFO

Small recessed downlight, trimless (Ø55mm) or complete with decorative ring (Ø40mm).

## LED

Chip on board  
From 1798lm to 1855lm  
3000K – 4000K  
Ra84  
Ra97 on request

## PRODUCT EFFICACY

Up to 35lm/W

## OPTIC

SP

## POWER SUPPLY

Remote: Electronic - DALI  
Casambi control: DALI driver fitted with special accessories.

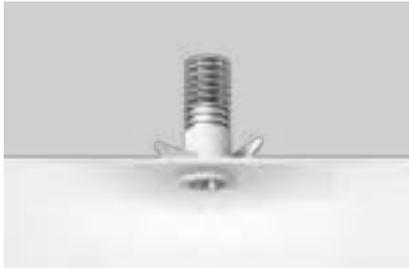
## MATERIAL

Polished aluminium body and integrated heat sink with painted flange. Painted, polished, removable front ring. The LED lamps are set back 40mm into the fixture to limit glare.

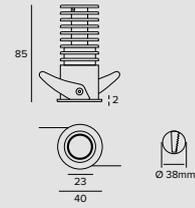
COZY is the smallest recessed downlight in the Targetti Collection. Just 40 mm in diameter (version with ring) it has an anti-glare solution thanks to the LED lamp that is set back 40mm from the emission surface.

The spot optic makes this recessed projector perfect for decorative accent lighting. Quick and easy system for installation in plasterboard ceilings of 5mm and more using AISI steel springs. There is also a double version with a visible or trimless finishing ring





## With ring



### LED / 12W / SP

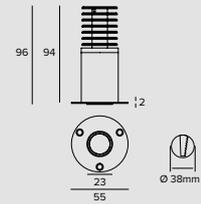


	3000K	4000K	28°	3000K
Beam Angle	28°	28°	28°	28°
Fixture Power	12W	12W	12W	12W
Mounting Hole	17.8mm	17.8mm	17.8mm	17.8mm
Fixture Size	41mm	41mm	41mm	41mm
Efficiency	34lm/W	34lm/W	34lm/W	34lm/W
120000	3000K	4000K	28°	3000K

Power supply	Colour	3000K	4000K
350mA	○	<b>1T6377</b>	<b>1T6378</b>
350mA	●	<b>1T6379</b>	<b>1T6380</b>



## Trimless



### LED / 12W / SP



	3000K	4000K	28°	3000K
Beam Angle	28°	28°	28°	28°
Fixture Power	12W	12W	12W	12W
Mounting Hole	17.8mm	17.8mm	17.8mm	17.8mm
Fixture Size	41mm	41mm	41mm	41mm
Efficiency	34lm/W	34lm/W	34lm/W	34lm/W
120000	3000K	4000K	28°	3000K

Power supply	Colour	3000K	4000K
350mA	○	<b>1T7400</b>	<b>1T7401</b>

## Related codes

### Power Supply



Code

Electronic power supply max 15W - 158x19x22mm	<b>1T6505</b>
DALI dimmable electronic power supply max 15W - 67x103x21mm*	<b>1T6504</b>

220-240V-AC 50-60Hz, 350mA - IP20.

\*Driver's size is bigger than the cutout hole needed by the luminaire.

### Emergency Kit



Code

**1T3144**

Emergency kit.  
Inverter + 3h battery pack.

### Control systems



Code

**1T5349**

A wireless control module with a DALI interface. It generates a local DALI bus which makes it possible to connect a LED driver directly to a DALI interface. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. IP20



Code

**1T5352**

IP20 Extender for wireless control with DALI interfaces. It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# BEBOP

## Recessed

### GENERAL INFO

Recessed downlight  
Ø90mm

### LED

Chip on board  
From 1302lm to 1909lm  
3000K – 4000K  
Ra84  
Ra90 To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 88lm/W

### OPTICS

MWFL - WFL

### POWER SUPPLY

Electronic - DALI  
Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Painted polycarbonate body and rounded ring. Die-cast aluminium finned heat sink, side wiring complete with power supply.

A range of high performance characterised by simple, soft and rounded lines.

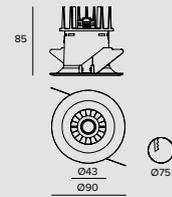
Available in three different versions for ceiling mounted, suspension and recessed installation. In all versions the LED lamps are retracted and hidden from view to ensure optimum visual comfort. The flexible installation makes it possible to use the same type of light in environments with different architectural characteristics.

The recessed version has a reduced depth and a polycarbonate finishing ring with a white finish that "disappears" into ceilings creating the illusion of a plaster finish.





## Recessed



LED / 9W / MWFL		<span>□</span> <span>0.4</span> <span>IP20</span> <span>IP44</span>			
		Driver	Colour	3000K	4000K
	3000K	EL.	○	<b>1T4756EL</b>	<b>1T4757EL</b>
	4000K	EL.	●	<b>1T5406EL</b>	<b>1T5407EL</b>
	3000K	DALI	○	<b>1T4756DA</b>	<b>1T4757DA</b>
	4000K	DALI	●	<b>1T5406DA</b>	<b>1T5407DA</b>

LED / 9W / WFL		<span>□</span> <span>0.4</span> <span>IP20</span> <span>IP44</span>			
		Driver	Colour	3000K	4000K
	3000K	EL.	○	<b>1T4754EL</b>	<b>1T4755EL</b>
	4000K	EL.	●	<b>1T5408EL</b>	<b>1T5409EL</b>
	3000K	DALI	○	<b>1T4754DA</b>	<b>1T4755DA</b>
	4000K	DALI	●	<b>1T5408DA</b>	<b>1T5409DA</b>

LED / 15W / MWFL		<span>□</span> <span>0.4</span> <span>IP20</span> <span>IP44</span>			
		Driver	Colour	3000K	4000K
	3000K	EL.	○	<b>1T4760EL</b>	<b>1T4761EL</b>
	4000K	EL.	●	<b>1T5410EL</b>	<b>1T5411EL</b>
	3000K	DALI	○	<b>1T4760DA</b>	<b>1T4761DA</b>
	4000K	DALI	●	<b>1T5410DA</b>	<b>1T5411DA</b>

LED / 15W / WFL		<span>□</span> <span>0.4</span> <span>IP20</span> <span>IP44</span>			
		Driver	Colour	3000K	4000K
	3000K	EL.	○	<b>1T4758EL</b>	<b>1T4759EL</b>
	4000K	EL.	●	<b>1T5412EL</b>	<b>1T5413EL</b>
	3000K	DALI	○	<b>1T4758DA</b>	<b>1T4759DA</b>
	4000K	DALI	●	<b>1T5412DA</b>	<b>1T5413DA</b>

## Accessories

Emergency Kit	
Code	
<b>1T3144</b>	

Emergency kit.  
Inverter + 3h battery pack.  
IP20.

# QUICKLED

## GENERAL INFO

Compact recessed downlight  
Ø85mm

## LED

Chip on board  
From 1302lm to 1909lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Up to 92lm/W

## OPTICS

MWFL

## POWER SUPPLY

Electronic - DALI  
Casambi control: the DALI version is fitted with special accessories.

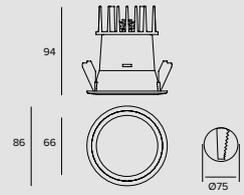
## MATERIAL

Metallised polycarbonate body with decorative ring in anodised aluminium or painted white. Finned heat sink made of die-cast aluminium, side wiring complete with power supply.

A high performance compact downlight with excellent light distribution.

The special diffuser screen ensures extremely soft and homogeneous light distribution and also gives the fixture an IP44 rating making it suitable for installation in public spaces.





**LED / 9W / MWFL** □ 0.4 IP20 IP44

	3000K	4000K	3000K	4000K
Beam	44°			
Fixture Power	12W	2	0.81	0.87
Mounting Hole	180mm	4	0.44	0.44
Fixture Size	120mm	4	2.41	1.13
Efficiency	88lm/W	4	1.20	1.13
TM02	1000lm/W	4	1.07	1.13

Driver	Colour	3000K	4000K
EL.	○	<b>1T4770EL</b>	<b>1T4771EL</b>
EL.	●	<b>1T4772EL</b>	<b>1T4773EL</b>
DALI	○	<b>1T4770DA</b>	<b>1T4771DA</b>
DALI	●	<b>1T4772DA</b>	<b>1T4773DA</b>

**LED / 15W / MWFL** □ 0.4 IP20 IP44

	3000K	4000K	3000K	4000K
Beam	44°			
Fixture Power	19W	2	0.81	0.77
Mounting Hole	180mm	4	0.44	0.44
Fixture Size	140mm	4	2.41	1.08
Efficiency	89lm/W	4	1.20	1.19
TM02	1000lm/W	4	1.07	1.13

Driver	Colour	3000K	4000K
EL.	○	<b>1T4774EL</b>	<b>1T4775EL</b>
EL.	●	<b>1T4776EL</b>	<b>1T4777EL</b>
DALI	○	<b>1T4774DA</b>	<b>1T4775DA</b>
DALI	●	<b>1T4776DA</b>	<b>1T4777DA</b>

## Accessories

**Emergency Kit**

Code
<b>1T3144</b>

Emergency kit.  
Inverter + 3h battery pack.  
IP20.

**Control systems**

Code	Code
<b>1T5349</b>	<b>1T5352</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# POLKA

## GENERAL INFO

Ultra compact LED recessed ceiling fixture.

MINI Ø36mm

FIX Ø77mm

FLEX Ø70mm

## LED

Chip on board

From 59lm to 901lm

3000K

Ra80

## PRODUCT EFFICACY

Up to 64lm/W

## OPTICS

VWFL - MWFL

## POWER SUPPLY

Remote electronic

## MATERIAL

Aluminium body and ring to guarantee perfect heat dissipation. Available painted or brushed chrome finish with a circular or square decorative ring.

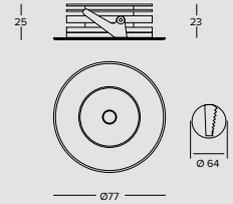
A series of high performance compact LED mini-recessed ceiling fixtures designed right down to the last detail.

Available in three different versions-MINI, FIX and FLEX- all of which are available with square or circular rings. The FLEX version is the smallest adjustable recessed fixture in the collection, precise and discrete for punctual and projected light. Adjustable to +/-22°.





## Fix Round ring



LED / 12W / VWFL

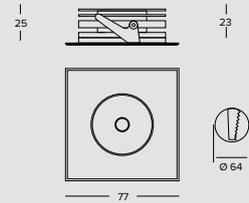


	3000K	4000K	5000K	6000K
Beam angle	60°	60°	60°	60°
Fixture Power	12W	12W	12W	12W
Mounting Hole	Ø 64mm	Ø 64mm	Ø 64mm	Ø 64mm
Fixture Size	Ø 64mm	Ø 64mm	Ø 64mm	Ø 64mm
Efficiency	100lm/W	100lm/W	100lm/W	100lm/W
Beam angle	60°	60°	60°	60°

Power supply	Colour	3000K
350mA	○	<b>1T3699</b>
350mA	●	<b>1T3700</b>
350mA	●	<b>1T6415</b>



## Fix Squared ring



LED / 12W / VWFL

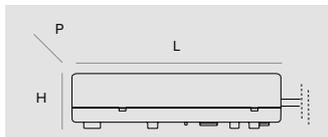


	3000K	4000K	5000K	6000K
Beam angle	60°	60°	60°	60°
Fixture Power	12W	12W	12W	12W
Mounting Hole	Ø 64mm	Ø 64mm	Ø 64mm	Ø 64mm
Fixture Size	Ø 64mm	Ø 64mm	Ø 64mm	Ø 64mm
Efficiency	100lm/W	100lm/W	100lm/W	100lm/W
Beam angle	60°	60°	60°	60°

Power supply	Colour	3000K
350mA	○	<b>1T3937</b>
350mA	●	<b>1T3938</b>
350mA	●	<b>1T6416</b>

## Related codes

### Power Supply



Code

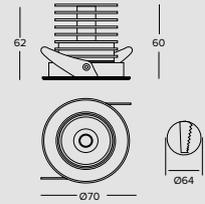
**1T1757**

Electronic power supply 15W, LxHxP=119x22x52mm, 220-240V, 350mA, IP20.  
For Polka Mini: can feed up to 10 fixtures connected in series in constant current; the driver is bigger than the cutout hole needed by the luminaire.

# POLKA



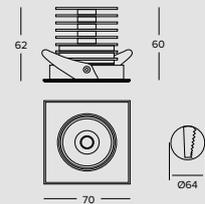
## Flex Round ring



LED / 12W / MWFL							
	3000K	4000	2000	3000	Power supply	Colour	3000K
	Kukl			40°	350mA	○	<b>1T3701</b>
	Fixture Power	12W	0	0.63	350mA	●	<b>1T3702</b>
	Mounting Hole	Ø120	4	0.68	350mA	●	<b>1T6417</b>
Fixture Size	Ø120	4	0.68	350mA			
Efficiency	90lm/W	4	0.28	00			
TS/NA	Ø120x120x120mm	127002	0.1	0.10	00		



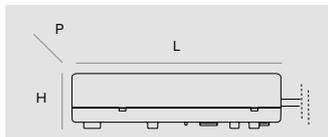
## Flex Squared ring



LED / 12W / MWFL							
	3000K	4000	2000	3000	Power supply	Colour	3000K
	Kukl			40°	350mA	○	<b>1T3939</b>
	Fixture Power	12W	0	0.63	350mA	●	<b>1T3940</b>
	Mounting Hole	Ø120	4	0.68	350mA	●	<b>1T6418</b>
Fixture Size	Ø120	4	0.68	350mA			
Efficiency	90lm/W	4	0.28	00			
TS/NA	Ø120x120x120mm	127002	0.1	0.10	00		

## Related codes

### Power Supply



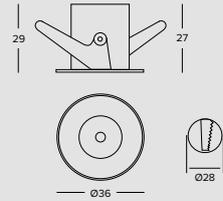
Code

**1T1757**

Electronic power supply 15W, LxHxP=119x22x52mm, 220-240V, 350mA, IP20.  
For Polka Mini: can feed up to 10 fixtures connected in series in constant current; the driver is bigger than the cutout hole needed by the luminaire.



## Mini Round ring



LED / 1,2W / VWFL

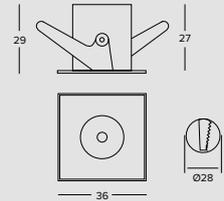


	3000K	4000K	5000K	6000K	
	3000K	4000K	5000K	6000K	
	Fixture Power	2W	3	3.09	3.17
	Mounting Hole	28mm	28	4.18	4
	Fixture Size	36mm	36	4.25	4
Efficiency	34lm/W	4	4.53	3	
TS/NP	max=670up/1m Beam	3800	4	3843	4

Power supply	Colour	3000K
350mA	○	<b>1T3697</b>
350mA	●	<b>1T3698</b>
350mA	●	<b>1T5422</b>



## Mini Squared ring



LED / 1,2W / VWFL

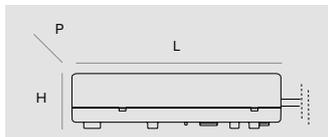


	3000K	4000K	5000K	6000K	
	3000K	4000K	5000K	6000K	
	Fixture Power	2W	3	3.09	3.17
	Mounting Hole	28mm	28	4.18	4
	Fixture Size	36mm	36	4.25	4
Efficiency	34lm/W	4	4.53	3	
TS/NP	max=670up/1m Beam	3800	4	3843	4

Power supply	Colour	3000K
350mA	○	<b>1T3935</b>
350mA	●	<b>1T3936</b>
350mA	●	<b>1T5423</b>

## Related codes

### Power Supply



Code

**1T1757**

Electronic power supply 15W, LxHxP=119x22x52mm, 220-240V, 350mA, IP20.  
For Polka Mini: can feed up to 10 fixtures connected in series in constant current; the driver is bigger than the cutout hole needed by the luminaire.

# OTTO

## Recessed

### GENERAL INFO

Extractable recessed projector  
Ø30mm

### LED

LED Emitter  
From 370lm to 397lm  
3000K – 4000K  
Ra84

### PRODUCT EFFICACY

Up to 30lm/W

### OPTIC

ZOOM: from SP to FL

### POWER SUPPLY

Electronic remote

### MATERIAL

Painted or anodised aluminium body.

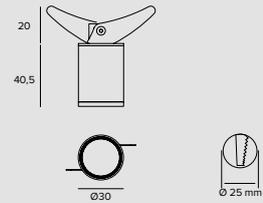
A range of projectors with a minimal footprint with different installation types characterised by manual focus.

Available also in a single or multi-optical pole mounted version.





## Semi-Recessed



LED / 3W / ZOOM / SP-FL

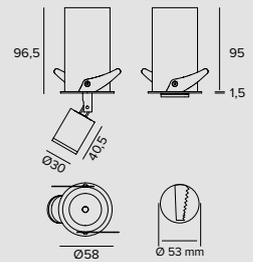
		3000K	4000K	5000K	6000K
Beam		14°			
Fixture Power	W	3	3.24	3.36	3.48
Mounting Hole	mm	4	4.50	4.67	4.83
Fixture Size	mm	4	4.73	4.90	5.07
Efficiency	lm/W	4	3.86	3.79	3.72
120280	3W-LED-ZOOM-SP-FL	3000K	4000K	5000K	6000K

Power supply	Colour	3000K	4000K
1050mA	○	<b>1T6335</b>	<b>1T6336</b>
1050mA	●	<b>1T6347</b>	<b>1T6348</b>
1050mA	◐	<b>1T6359</b>	<b>1T6360</b>

		3000K	4000K	5000K	6000K
Beam		14°			
Fixture Power	W	3	3.42	3.54	3.66
Mounting Hole	mm	4	4.50	4.67	4.83
Fixture Size	mm	4	4.83	5.00	5.17
Efficiency	lm/W	4	3.40	3.33	3.26
120280	3W-LED-ZOOM-SP-FL	3000K	4000K	5000K	6000K



## Recessed extractable Extractable



LED / 3W / ZOOM / SP-FL

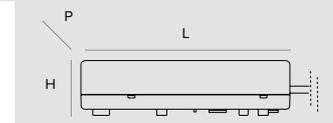
		3000K	4000K	5000K	6000K
Beam		14°			
Fixture Power	W	3	3.24	3.36	3.48
Mounting Hole	mm	4	4.50	4.67	4.83
Fixture Size	mm	4	4.73	4.90	5.07
Efficiency	lm/W	4	3.86	3.79	3.72
120280	3W-LED-ZOOM-SP-FL	3000K	4000K	5000K	6000K

Power supply	Colour	3000K	4000K
1050mA	○	<b>1T6333</b>	<b>1T6334</b>
1050mA	●	<b>1T6345</b>	<b>1T6346</b>
1050mA	◐	<b>1T6357</b>	<b>1T6358</b>

		3000K	4000K	5000K	6000K
Beam		14°			
Fixture Power	W	3	3.42	3.54	3.66
Mounting Hole	mm	4	4.50	4.67	4.83
Fixture Size	mm	4	4.83	5.00	5.17
Efficiency	lm/W	4	3.40	3.33	3.26
120280	3W-LED-ZOOM-SP-FL	3000K	4000K	5000K	6000K

## Related codes

### Power Supply



Code

**1T6524**

Electronic power supply 42W, LxHxP=129x30x42mm, 220-240V-AC 50-60Hz, 1050mA, IP20.

Can drive up to 12 OTTO 1x simultaneously.

OTTO Semi-Recessed: the driver is bigger than the cutout hole needed by the luminaire.

Indoor

**Projectors**

## Track projectors



**222**  
ZENO Large



**229**  
ZENO Medium



**233**  
ZENO Small



**236**  
LABEL 6



**238**  
LABEL 9



**242**  
STORE



**250**  
STORE Mini



**254**  
LEDÒ



**266**  
RAY



**271**  
RAY Mini



**276**  
RAY Micro



**278**  
EUROSTANDARD  
Plus

## Surface projectors



**284**  
JEDI  
Compact



**292**  
ZENO  
Applique



**296**  
VOLTA



**302**  
CORO Large



**317**  
CORO Small



**324**  
OTTO  
Base



**328**  
OTTO  
Multi-Optic

# ZENO

## GENERAL INFO

Professional LED projector.

The optical unit can be adjusted from 0 to -90° on the vertical plane; and 355° on the horizontal plane with aiming blocking system.

LARGE Ø184mm

MEDIUM Ø134mm

SMALL Ø105mm

## LED

Chip on board

From 1430lm to 5121lm

3000K – 4000K

Ra97

## PRODUCT EFFICACY

Up to 90lm/W

## OPTICS

NSP – SP – FL – MWFL – WFL – WW

DBS - Digital beam opening control

## POWER SUPPLY

Electronic – DALI - Casambi on board

## MATERIAL

Die-cast painted aluminium optical unit and power supply body.

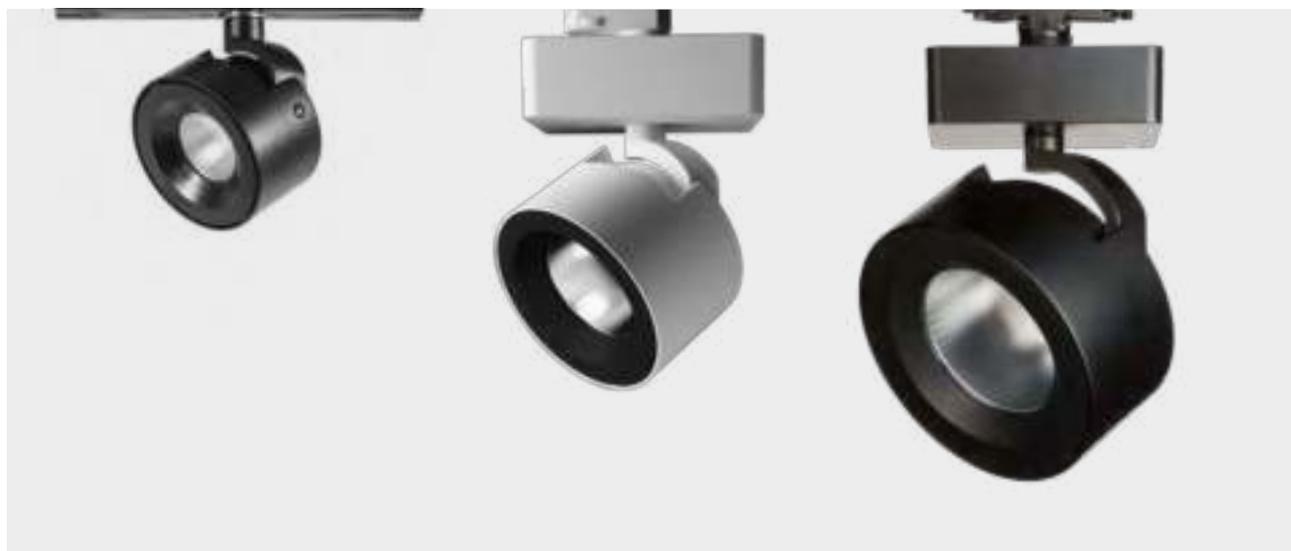
A range of professional projectors especially for museum lighting, given the quality of the LED sources, the cutting edge optics and installation flexibility.

Also available in an applique and recessed version.

		SMALL	MEDIUM	LARGE
		Ø105mm	Ø134mm	Ø184mm
LED	Flux (lm)	1430-1692	1881-2688	2463-5121
	Power	11W - 12W	18W - 26W	26W - 52W

## OPTICS

NSP	Lens	•		
	Indirect		•	•
SP	Lens	•		
	Hybrid			•
FL	Lens	•		
	Hybrid		•	•
MWFL	Reflector	•	•	•
WFL	Reflector	•	•	•
WW	Reflector		•	•
DBS			•	•





# Merendoni Palace

**Photographer**  
Ivan Rossi

**Country**  
Bologna - Italy

01



## Designed around the LED source

It has six different optical systems for as many lighting effects, three installation types - projector, wall mounted and recessed -and three different sizes. Particularly innovative from the point of view of the optics, it includes the “indirect Narrow spot” optic that works on reflection and makes it possible to obtain extremely narrow (6°), clean and defined beams.

Also available in a DBS – Dynamic Beam Shaper

02



## Design studied right down to the smallest detail

The proportions, depth reduced to a minimum while maintaining excellent heat dissipation, the shape of the distinctive bracket element that disappears and becomes an integral part of the power supply body, are just some of the characteristics of the range.



## Great variety of optical accessories

Such as a Flap, Zoom, Cut-Off and corrective filters to satisfy even the most complex lighting requirements.



## Zeno Large and Medium equipped with an indirect Narrow Spot optic

To obtain a clean, precise and extremely powerful beam. Great variety of optical accessories. It works by reflection which means the lamp is hidden from sight and aimed towards the parabolic reflector which collimates the beam and emits a particularly defined, precise cone of light. This makes it suitable for museum lighting or where defined, narrow beams with minimum fall-off are required.

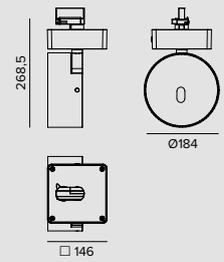
## Zeno Zoom

The ZOOM version is the most flexible in the Targetti collection; a single optical system with a "variable beam with continuity" from Spot (12°) to Flood (52°). The beam is changed manually, but no tools are needed. This lets you choose the best effect for your needs, where you need it. The telescopic optical system consists of an optical glass lens, internal reflector in specular anodised aluminium with very high reflectance, and PMMA front diffuser for precise and defined beams.

# ZENO



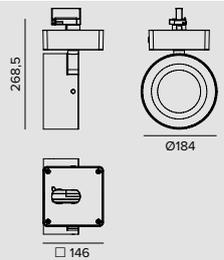
## Large NSP



LED / 26W / INDIRECT / NSP								
Beam	3000K	4000K	26W	Beam(D)	Driver	Colour	3000K	4000K
					Beam	EL.	○	<b>1T5377EL</b>
Beam	EL.	●	<b>1T5379EL</b>	<b>1T5380EL</b>				
Beam	DALI	○	<b>1T5377DA</b>	<b>1T5378DA</b>				
Beam	DALI	●	<b>1T5379DA</b>	<b>1T5380DA</b>				
Beam	CASAMBI	○	<b>1T5377DACA</b>	<b>1T5378DACA</b>				
Beam	CASAMBI	●	<b>1T5379DACA</b>	<b>1T5380DACA</b>				



## Large



LED / 51W / HYBRID / SP								
Beam	3000K	4000K	51W	Beam(D)	Driver	Colour	3000K	4000K
					Beam	EL.	○	<b>1T5381EL</b>
Beam	EL.	●	<b>1T5383EL</b>	<b>1T5384EL</b>				
Beam	DALI	○	<b>1T5381DA</b>	<b>1T5382DA</b>				
Beam	DALI	●	<b>1T5383DA</b>	<b>1T5384DA</b>				
Beam	CASAMBI	○	<b>1T5381DACA</b>	<b>1T5382DACA</b>				
Beam	CASAMBI	●	<b>1T5383DACA</b>	<b>1T5384DACA</b>				

LED / 51W / HYBRID / FL								
Beam	3000K	4000K	51W	Beam(D)	Driver	Colour	3000K	4000K
					Beam	EL.	○	<b>1T5385EL</b>
Beam	EL.	●	<b>1T5387EL</b>	<b>1T5388EL</b>				
Beam	DALI	○	<b>1T5385DA</b>	<b>1T5386DA</b>				
Beam	DALI	●	<b>1T5387DA</b>	<b>1T5388DA</b>				
Beam	CASAMBI	○	<b>1T5385DACA</b>	<b>1T5386DACA</b>				
Beam	CASAMBI	●	<b>1T5387DACA</b>	<b>1T5388DACA</b>				

LED / 51W / REFLECTOR / MWFL								
Beam	3000K	4000K	51W	Beam(D)	Driver	Colour	3000K	4000K
					Beam	EL.	○	<b>1T5389EL</b>
Beam	EL.	●	<b>1T5391EL</b>	<b>1T5392EL</b>				
Beam	DALI	○	<b>1T5389DA</b>	<b>1T5390DA</b>				
Beam	DALI	●	<b>1T5391DA</b>	<b>1T5392DA</b>				
Beam	CASAMBI	○	<b>1T5389DACA</b>	<b>1T5390DACA</b>				
Beam	CASAMBI	●	<b>1T5391DACA</b>	<b>1T5392DACA</b>				

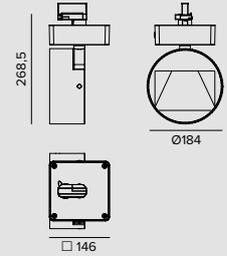
LED / 51W / REFLECTOR / WFL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5393EL</b>	<b>1T5394EL</b>
EL.	●	<b>1T5395EL</b>	<b>1T5396EL</b>
DALI	○	<b>1T5393DA</b>	<b>1T5394DA</b>
DALI	●	<b>1T5395DA</b>	<b>1T5396DA</b>
CASAMBI	○	<b>1T5393DACA</b>	<b>1T5394DACA</b>
CASAMBI	●	<b>1T5395DACA</b>	<b>1T5396DACA</b>



Large WW



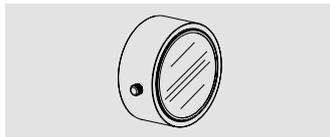
LED / 52W / WALL WASHER



Driver	Colour	3000K	4000K
EL.	○	<b>1T5397EL</b>	<b>1T5398EL</b>
EL.	●	<b>1T5399EL</b>	<b>1T5400EL</b>
DALI	○	<b>1T5397DA</b>	<b>1T5398DA</b>
DALI	●	<b>1T5399DA</b>	<b>1T5400DA</b>
CASAMBI	○	<b>1T5397DACA</b>	<b>1T5398DACA</b>
CASAMBI	●	<b>1T5399DACA</b>	<b>1T5400DACA</b>

Accessories

Filter

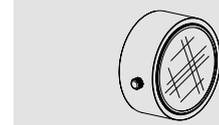


Code

**1T6054**

Methacrylate holographic filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with a dedicated holder ring.

Grid

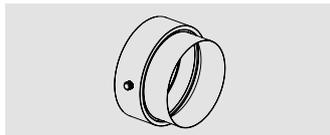


Code

**1T6055**

Anti-glare louver.  
Black lacquered aluminium honeycomb structure.  
To be completed with a dedicated holder ring.

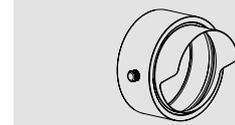
Cut-off



Code

**1T6056**

Black painted steel cut-off.  
To be completed with a dedicated holder ring.



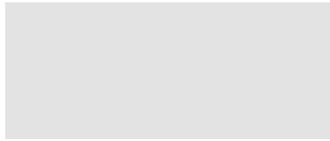
Code

**1T6057**

Black painted steel asymmetric cut-off.  
To be completed with a dedicated holder ring.

# ZENO

## Ray Shade

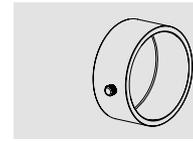


Code

**1T6058**

Adjustable barn doors flaps made of black painted steel.  
To be completed with a dedicated holder ring.

## Holder Ring



193

Code

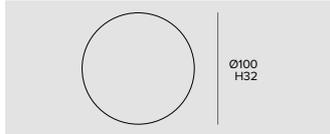
**1T6053**



**1T6500**

Black painted aluminium accessory holder ring.ed aluminium accessory holder ring.

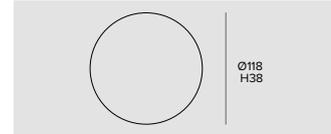
## Adapter



Ø100  
H32

Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	◐	<b>1T2219</b>

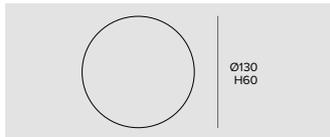
Ceiling mounting adapter for electrified track type projectors.



Ø118  
H38

Ø	H	Driver	Colour	Code
118	38	DALI	○	<b>9000/BPU-D-W</b>
118	38	DALI	●	<b>9000/BPU-D-B</b>
118	38	DALI	◐	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.



Ø130  
H60

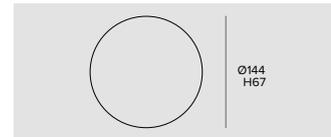
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	◐	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.

**1T2222** - To be completed with 1T2220.

**1T2223** - To be completed with 1T2221.

**1T2224** - To be completed with 1T2219.



Ø144  
H67

Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	◐	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.

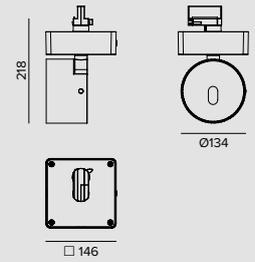
**9000/BRU-G** - To be completed with 9000/BPU-D-G.

**9000/BRU-W** - To be completed with 9000/BPU-D-W.

**9000/BRU-B** - To be completed with 9000/BPU-D-B.



## Medium NSP



### LED / 18W / INDIRECT / NSP

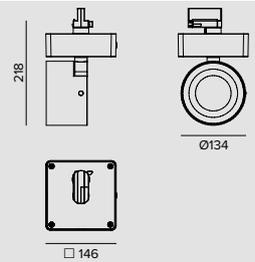


	3000K	4000K	Beam(°)
Beam	40°		4°
Fixture Power	20W	0	0.14
Mounting Hole	180mm	4	0.23
Fixture Size	91mm	4	0.46
Efficiency	80lm/W	4	0.05
Beam-1200mm(40°) Beam	2436lm	0	0.83

Driver	Colour	3000K	4000K
EL.	○	<b>1T5353EL</b>	<b>1T5354EL</b>
EL.	●	<b>1T5355EL</b>	<b>1T5356EL</b>
DALI	○	<b>1T5353DA</b>	<b>1T5354DA</b>
DALI	●	<b>1T5355DA</b>	<b>1T5356DA</b>
CASAMBI	○	<b>1T5353DACA</b>	<b>1T5354DACA</b>
CASAMBI	●	<b>1T5355DACA</b>	<b>1T5356DACA</b>



## Medium



### LED / 26W / HYBRID / SP



	3000K	4000K	Beam(°)
Beam	36°		4°
Fixture Power	29W	0	0.27
Mounting Hole	182mm	4	0.55
Fixture Size	173mm	4	0.83
Efficiency	82lm/W	4	0.15
Beam-1800mm(36°) Beam	1732lm	0	0.87

Driver	Colour	3000K	4000K
EL.	○	<b>1T5357EL</b>	<b>1T5358EL</b>
EL.	●	<b>1T5359EL</b>	<b>1T5360EL</b>
DALI	○	<b>1T5357DA</b>	<b>1T5358DA</b>
DALI	●	<b>1T5359DA</b>	<b>1T5360DA</b>
CASAMBI	○	<b>1T5357DACA</b>	<b>1T5358DACA</b>
CASAMBI	●	<b>1T5359DACA</b>	<b>1T5360DACA</b>

### LED / 26W / HYBRID / FL



	3000K	4000K	Beam(°)
Beam	32°		4°
Fixture Power	29W	0	0.36
Mounting Hole	182mm	4	0.55
Fixture Size	132mm	4	0.86
Efficiency	89lm/W	4	0.29
Beam-1800mm(32°) Beam	1623lm	0	0.87

Driver	Colour	3000K	4000K
EL.	○	<b>1T5361EL</b>	<b>1T5362EL</b>
EL.	●	<b>1T5363EL</b>	<b>1T5364EL</b>
DALI	○	<b>1T5361DA</b>	<b>1T5362DA</b>
DALI	●	<b>1T5363DA</b>	<b>1T5364DA</b>
CASAMBI	○	<b>1T5361DACA</b>	<b>1T5362DACA</b>
CASAMBI	●	<b>1T5363DACA</b>	<b>1T5364DACA</b>

### LED / 26W / REFLECTOR / MWFL



	3000K	4000K	Beam(°)
Beam	40°		4°
Fixture Power	29W	0	0.85
Mounting Hole	182mm	4	0.86
Fixture Size	132mm	4	0.53
Efficiency	86lm/W	4	0.87
Beam-1800mm(40°) Beam	1623lm	0	0.21

Driver	Colour	3000K	4000K
EL.	○	<b>1T5365EL</b>	<b>1T5366EL</b>
EL.	●	<b>1T5367EL</b>	<b>1T5368EL</b>
DALI	○	<b>1T5365DA</b>	<b>1T5366DA</b>
DALI	●	<b>1T5367DA</b>	<b>1T5368DA</b>
CASAMBI	○	<b>1T5365DACA</b>	<b>1T5366DACA</b>
CASAMBI	●	<b>1T5367DACA</b>	<b>1T5368DACA</b>

# ZENO

## LED / 26W / REFLECTOR / WFL

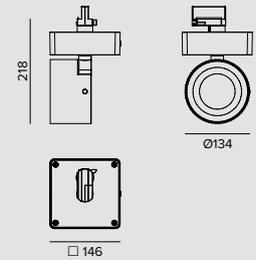


3000K	4000K	3000K	4000K
Beam		30°	
Fixture Power	26W	3	5.12
Source Flux	3402lm	4	2.21
Fixture Flux	1138lm	3	1.36
Efficiency	43lm/W	4	4.48
15878	max=10000lm	3000K	4

Driver	Colour	3000K	4000K
EL.	○	<b>1T5369EL</b>	<b>1T5370EL</b>
EL.	●	<b>1T5371EL</b>	<b>1T5372EL</b>
DALI	○	<b>1T5369DA</b>	<b>1T5370DA</b>
DALI	●	<b>1T5371DA</b>	<b>1T5372DA</b>
CASAMBI	○	<b>1T5369DACA</b>	<b>1T5370DACA</b>
CASAMBI	●	<b>1T5371DACA</b>	<b>1T5372DACA</b>



**Medium**



## LED / 26W / DBS



3000K	4000K	3000K	4000K
Beam		25°	
Fixture Power	26W	3	5.39
Source Flux	3402lm	4	2.56
Fixture Flux	1244lm	3	1.84
Efficiency	41lm/W	4	3.12
15206	max=10000lm	3000K	3

Driver	Colour	3000K	4000K
CASAMBI	○	<b>1T6941CA</b>	<b>1T6943CA</b>
CASAMBI	●	<b>1T6942CA</b>	<b>1T6944CA</b>

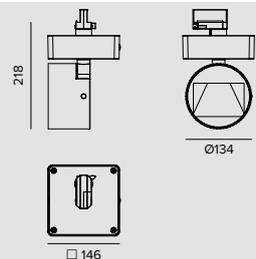
3000K	4000K	3000K	4000K
Beam		25°	
Fixture Power	26W	3	5.55
Source Flux	3402lm	4	2.85
Fixture Flux	1202lm	3	1.94
Efficiency	41lm/W	4	3.79
15207	max=10000lm	3000K	3

3000K	4000K	3000K	4000K
Beam		42°	
Fixture Power	26W	3	5.79
Source Flux	3402lm	4	3.55
Fixture Flux	1188lm	3	2.03
Efficiency	40lm/W	4	3.12
15209	max=10000lm	3000K	3

3000K	4000K	3000K	4000K
Beam		34°	
Fixture Power	26W	3	5.61
Source Flux	3402lm	4	3.02
Fixture Flux	1188lm	3	1.94
Efficiency	41lm/W	4	3.45
15208	max=10000lm	3000K	3



**Medium WW**



## LED / 26W / WALL WASHER



3000K	4000K	3000K	4000K
Beam		34° - 34°	
Fixture Power	26W	3	3.26
Source Flux	3402lm	2	3.21
Fixture Flux	1130lm	3	3.21
Efficiency	39lm/W	4	4.71
15879	max=34000lm	3000K	3

Driver	Colour	3000K	4000K
EL.	○	<b>1T5373EL</b>	<b>1T5374EL</b>
EL.	●	<b>1T5375EL</b>	<b>1T5376EL</b>
DALI	○	<b>1T5373DA</b>	<b>1T5374DA</b>
DALI	●	<b>1T5375DA</b>	<b>1T5376DA</b>
CASAMBI	○	<b>1T5373DACA</b>	<b>1T5374DACA</b>
CASAMBI	●	<b>1T5375DACA</b>	<b>1T5376DACA</b>

# Accessories

**Filter**



Code  
**1T6060**

Methacrylate holographic filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with a dedicated holder ring.

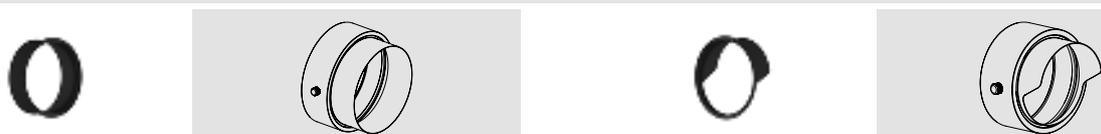
**Grid**



Code  
**1T6061**

Anti-glare louver.  
Black lacquered aluminium honeycomb structure.  
To be completed with a dedicated holder ring.

**Cut-off**



Code  
**1T6062**

Code  
**1T6063**

Black painted steel cut-off.  
To be completed with a dedicated holder ring.

Black painted steel asymmetric cut-off.  
To be completed with a dedicated holder ring.

**Ray Shade**



Code  
**1T6064**

Adjustable barn door flaps made of black painted steel.  
To be completed with a dedicated holder ring.

**Holder Ring**

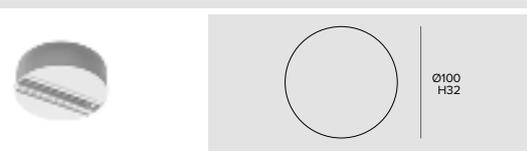


142,5

Colour	Code
○	<b>1T6059</b>
●	<b>1T6501</b>

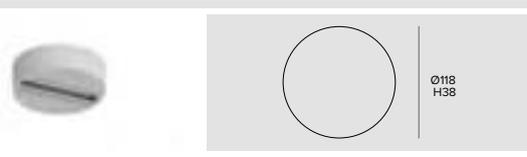
Black painted aluminium accessory holder ring.

**Adapter**



Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	●	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
118	38	DALI	○	<b>9000/BPU-D-W</b>
118	38	DALI	●	<b>9000/BPU-D-B</b>
118	38	DALI	●	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	●	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.  
**1T2222** - To be completed with 1T2220.  
**1T2223** - To be completed with 1T2221.  
**1T2224** - To be completed with 1T2219.



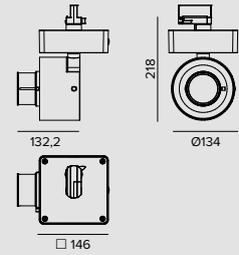
Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.  
**9000/BRU-G** - To be completed with 9000/BPU-D-G.  
**9000/BRU-W** - To be completed with 9000/BPU-D-W.  
**9000/BRU-B** - To be completed with 9000/BPU-D-B.

# ZENO



## Medium Zoom



LED / 26W / ZOOM / SP-WFL												
	3000K	H32	20/61	3000lm	Driver	Colour	3000K	4000K				
	Half			32°	EL.	○	<b>1T7502EL</b>	<b>1T7504EL</b>				
	Fixture Power	26W	5	0.21	11349	EL.	●	<b>1T7503EL</b>	<b>1T7505EL</b>			
	Mounting Hole	110mm	4	0.83	2826	DALI	○	<b>1T7502DA</b>	<b>1T7504DA</b>			
	Fixture Size	300mm	4	0.63	1361	DALI	●	<b>1T7503DA</b>	<b>1T7505DA</b>			
Efficiency	213lm/W	4	0.83	709	CASAMBI	○	<b>1T7502DACA</b>	<b>1T7504DACA</b>				
1T2170	Imax=9000/26W	Imax	12000lm	5	1.06	468			CASAMBI	●	<b>1T7503DACA</b>	<b>1T7505DACA</b>
	3000K	H32	20/61	3000lm	Driver	Colour	3000K	4000K				
	Half			32°	EL.	○	<b>1T2221</b>	<b>1T2222</b>				
	Fixture Power	26W	5	0.96	2340	EL.	●	<b>1T2223</b>	<b>1T2224</b>			
	Mounting Hole	110mm	4	0.86	640	DALI	○	<b>9000/BRU-D-W</b>	<b>9000/BRU-D-B</b>			
	Fixture Size	138mm	4	2.95	249	DALI	●	<b>9000/BRU-D-G</b>				
Efficiency	213lm/W	4	0.91	231								
1T2180	Imax=9000/26W	Imax	20000lm	5	1.91	86						

## Accessories

Adapter					
		Ø100 H32	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>	
100	32	EL.	●	<b>1T2220</b>	
100	32	EL.	○	<b>1T2219</b>	
		Ø130 H60	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	○	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.  
**1T2222** - To be completed with 1T2220.  
**1T2223** - To be completed with 1T2221.  
**1T2224** - To be completed with 1T2219.

Ceiling mounting adapter for electrified track type projectors.

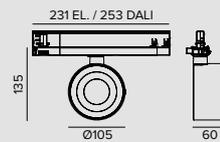
		Ø118 H38	Driver	Colour	Code
118	38	DALI	○	<b>9000/BRU-D-W</b>	
118	38	DALI	●	<b>9000/BRU-D-B</b>	
118	38	DALI	○	<b>9000/BRU-D-G</b>	
		Ø144 H67	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	○	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.  
**9000/BRU-G** - To be completed with 9000/BPU-D-G.  
**9000/BRU-W** - To be completed with 9000/BPU-D-W.  
**9000/BRU-B** - To be completed with 9000/BPU-D-B.

Ceiling mounting adapter for electrified track type projectors.



# Small



## LED / 11W / LENS / NSP □ 0.55 IP40

	3000K	4000K	20°	30°
Beam	10100	10100	10100	10100
Fixture Power	11W	11W	11W	11W
Source Flux	1010lm	1010lm	1010lm	1010lm
Fixture Flux	112lm	112lm	112lm	112lm
Efficiency	80%	80%	80%	80%
Beam Spread	10100	10100	10100	10100

Driver	Colour	3000K	4000K
EL.	○	<b>1T6531EL</b>	<b>1T6532EL</b>
EL.	●	<b>1T6533EL</b>	<b>1T6534EL</b>
DALI	○	<b>1T6531DA</b>	<b>1T6532DA</b>
DALI	●	<b>1T6533DA</b>	<b>1T6534DA</b>

## LED / 12W / LENS / SP □ 0.55 IP40

	3000K	4000K	20°	30°
Beam	10100	10100	10100	10100
Fixture Power	12W	12W	12W	12W
Source Flux	1010lm	1010lm	1010lm	1010lm
Fixture Flux	112lm	112lm	112lm	112lm
Efficiency	80%	80%	80%	80%
Beam Spread	10100	10100	10100	10100

Driver	Colour	3000K	4000K
EL.	○	<b>1T6535EL</b>	<b>1T6536EL</b>
EL.	●	<b>1T6537EL</b>	<b>1T6538EL</b>
DALI	○	<b>1T6535DA</b>	<b>1T6536DA</b>
DALI	●	<b>1T6537DA</b>	<b>1T6538DA</b>

## LED / 12W / LENS / FL □ 0.55 IP40

	3000K	4000K	20°	30°
Beam	10100	10100	10100	10100
Fixture Power	12W	12W	12W	12W
Source Flux	1010lm	1010lm	1010lm	1010lm
Fixture Flux	112lm	112lm	112lm	112lm
Efficiency	80%	80%	80%	80%
Beam Spread	10100	10100	10100	10100

Driver	Colour	3000K	4000K
EL.	○	<b>1T6539EL</b>	<b>1T6540EL</b>
EL.	●	<b>1T6541EL</b>	<b>1T6542EL</b>
DALI	○	<b>1T6539DA</b>	<b>1T6540DA</b>
DALI	●	<b>1T6541DA</b>	<b>1T6542DA</b>

## LED / 12W / REFLECTOR / MWFL □ 0.55 IP40

	3000K	4000K	20°	30°
Beam	10100	10100	10100	10100
Fixture Power	12W	12W	12W	12W
Source Flux	1010lm	1010lm	1010lm	1010lm
Fixture Flux	112lm	112lm	112lm	112lm
Efficiency	80%	80%	80%	80%
Beam Spread	10100	10100	10100	10100

Driver	Colour	3000K	4000K
EL.	○	<b>1T6543EL</b>	<b>1T6544EL</b>
EL.	●	<b>1T6545EL</b>	<b>1T6546EL</b>
DALI	○	<b>1T6543DA</b>	<b>1T6544DA</b>
DALI	●	<b>1T6545DA</b>	<b>1T6546DA</b>

## LED / 12W / REFLECTOR / WFL □ 0.55 IP40

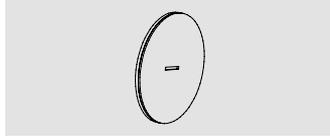
	3000K	4000K	20°	30°
Beam	10100	10100	10100	10100
Fixture Power	12W	12W	12W	12W
Source Flux	1010lm	1010lm	1010lm	1010lm
Fixture Flux	112lm	112lm	112lm	112lm
Efficiency	80%	80%	80%	80%
Beam Spread	10100	10100	10100	10100

Driver	Colour	3000K	4000K
EL.	○	<b>1T6547EL</b>	<b>1T6548EL</b>
EL.	●	<b>1T6549EL</b>	<b>1T6550EL</b>
DALI	○	<b>1T6547DA</b>	<b>1T6548DA</b>
DALI	●	<b>1T6549DA</b>	<b>1T6550DA</b>

# ZENO

## Accessories

### Filter

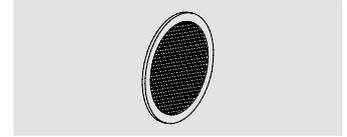


Code

**1T6572**

Blade of light filter.  
Methacrylate holographic filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with a dedicated holder ring.

### Grid

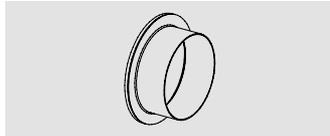


Code

**1T6573**

Anti-glare louver.  
Black lacquered aluminium honeycomb structure.  
To be completed with a dedicated holder ring.

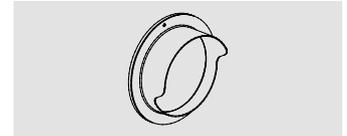
### Cut-off



Code

**1T6574**

Black painted steel cut-off.  
To be completed with a dedicated holder ring.

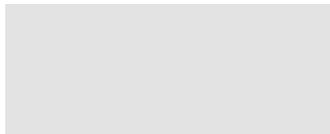


Code

**1T6575**

Black painted steel asymmetric cut-off.  
To be completed with a dedicated holder ring.

### Ray Shade



Code

**1T6576**

Adjustable barn doors flaps made of black painted steel.  
To be completed with a dedicated holder ring.

### Holder Ring



Colour

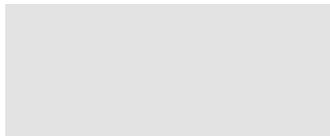
●

Code

**1T6571**

Black painted aluminium accessory holder ring.

### Control systems



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



# Magnani Rocca Foundation

**Lighting design**  
Cavazzoni Associati

**Photographer**  
Ivan Rossi

**Country**  
Bologna - Italy

# LABEL 230V

## GENERAL INFO

Adjustable professional LED projector.

The optical unit can be adjusted from 0° a 90° on the vertical plane and 355° on the horizontal plane with the possibility to block the beam on the horizontal plane (friction blocking system on the vertical plane).  
Ø60mm – Ø88mm

## LED

Chip on board

From 2100lm to 3287lm

3000K – 4000K

Ra97

## PRODUCT EFFICACY

Up to 82lm/W

## OPTICS

SP – FL – MWFL

## POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Die-cast painted aluminium body.

A coordinated range of projectors with track installation designed for applications in the retail, interior and hospitality industry. Available in two different sizes - LABEL 6 and LABEL 9 - with a retractable power supply in the track.

Every version has optics with reflectors for soft effects with broad tones. The set back LED lamp ensures perfect visual comfort.





# Rinascimento Store Teddy Spa Group

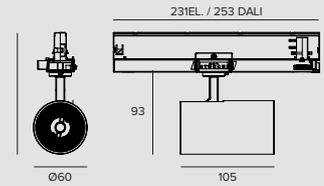
**Architect**  
WOMArchitettura  
Arch. Teresa D'Alessandro  
Arch. Caterina Pulcinella

**Country**  
Cremona - Italy

# LABEL



## LABEL 6



### LED / 19W / REFLECTOR / SP



	3000K	H(m)	D(m)	Area(m²)
Beam	26°			
Fixture Power	19W	0	0.29	1244
Mounting Pole	1500mm	4	0.55	2118
Fixture Size	1342mm	4	0.81	1898
Efficiency	71lm/W	4	1.11	784
152007 Area-0818x400mm Max	12681mm	6	1.39	984

Driver	Colour	3000K	4000K
EL.	○	<b>1T6582EL</b>	<b>1T6583EL</b>
EL.	●	<b>1T6584EL</b>	<b>1T6585EL</b>
EL.	◐	<b>1T6586EL</b>	<b>1T6587EL</b>
DALI	○	<b>1T6582DA</b>	<b>1T6583DA</b>
DALI	●	<b>1T6584DA</b>	<b>1T6585DA</b>
DALI	◐	<b>1T6586DA</b>	<b>1T6587DA</b>

### LED / 19W / REFLECTOR / FL



	3000K	H(m)	D(m)	Area(m²)
Beam	31°			
Fixture Power	19W	0	0.56	1440
Mounting Pole	1500mm	4	1.11	1891
Fixture Size	1512mm	4	1.07	174
Efficiency	71lm/W	4	1.03	219
152008 Area-0818x400mm Max	1440mm	6	1.79	307

Driver	Colour	3000K	4000K
EL.	○	<b>1T6588EL</b>	<b>1T6589EL</b>
EL.	●	<b>1T6590EL</b>	<b>1T6591EL</b>
EL.	◐	<b>1T6592EL</b>	<b>1T6593EL</b>
DALI	○	<b>1T6588DA</b>	<b>1T6589DA</b>
DALI	●	<b>1T6590DA</b>	<b>1T6591DA</b>
DALI	◐	<b>1T6592DA</b>	<b>1T6593DA</b>

### LED / 19W / REFLECTOR / MWFL

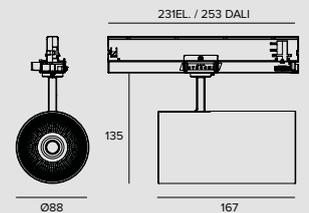


	3000K	H(m)	D(m)	Area(m²)
Beam	48°			
Fixture Power	19W	0	0.88	2078
Mounting Pole	1500mm	4	1.77	110
Fixture Size	1800mm	4	1.85	119
Efficiency	66lm/W	4	1.11	280
152009 Area-1178x400mm Max	2892mm	6	1.91	111

Driver	Colour	3000K	4000K
EL.	○	<b>1T6594EL</b>	<b>1T6595EL</b>
EL.	●	<b>1T6596EL</b>	<b>1T6597EL</b>
EL.	◐	<b>1T6598EL</b>	<b>1T6599EL</b>
DALI	○	<b>1T6594DA</b>	<b>1T6595DA</b>
DALI	●	<b>1T6596DA</b>	<b>1T6597DA</b>
DALI	◐	<b>1T6598DA</b>	<b>1T6599DA</b>



## LABEL 9



### LED / 31W / REFLECTOR / SP



	3000K	H(m)	D(m)	Area(m²)
Beam	26°			
Fixture Power	31W	0	0.29	1587
Mounting Pole	1800mm	4	0.87	487
Fixture Size	1342mm	4	0.86	194
Efficiency	89lm/W	4	1.11	1081
152010 Area-0818x400mm Max	12681mm	6	1.41	868

Driver	Colour	3000K	4000K
EL.	○	<b>1T6600EL</b>	<b>1T6601EL</b>
EL.	●	<b>1T6602EL</b>	<b>1T6603EL</b>
EL.	◐	<b>1T6604EL</b>	<b>1T6605EL</b>

LED / 25W / REFLECTOR / SP



	3000K	4000K	20°	Beam(D)		
Beam	20°					
Fixture Power	25W	2	0.29	100%		
Mounting Fix	1/8" Dia	4	0.22	27%		
Fixture Size	138mm	4	0.86	10%		
Efficiency	72lm/W	4	0.14	9%		
1T6602	Beam-25W-2500K-SP	Beam	190mm	0	0.53	6%

Driver	Colour	3000K	4000K
DALI	○	<b>1T6600DA</b>	<b>1T6601DA</b>
DALI	●	<b>1T6602DA</b>	<b>1T6603DA</b>
DALI	◐	<b>1T6604DA</b>	<b>1T6605DA</b>

LED / 31W / REFLECTOR / FL



	3000K	4000K	20°	Beam(D)		
Beam	20°					
Fixture Power	31W	2	0.32	83%		
Mounting Fix	1/8" Dia	4	0.03	23%		
Fixture Size	181mm	4	0.22	8%		
Efficiency	72lm/W	4	0.07	5%		
1T6606	Beam-31W-3000K-FL	Beam	97mm	0	0.38	6%

Driver	Colour	3000K	4000K
EL.	○	<b>1T6606EL</b>	<b>1T6607EL</b>
EL.	●	<b>1T6608EL</b>	<b>1T6609EL</b>
EL.	◐	<b>1T6610EL</b>	<b>1T6611EL</b>

LED / 25W / REFLECTOR / FL



	3000K	4000K	20°	Beam(D)		
Beam	20°					
Fixture Power	25W	2	0.32	74%		
Mounting Fix	1/8" Dia	4	0.03	18%		
Fixture Size	138mm	4	0.22	8%		
Efficiency	72lm/W	4	0.07	6%		
1T6608	Beam-25W-3000K-FL	Beam	190mm	0	0.38	20%

Driver	Colour	3000K	4000K
DALI	○	<b>1T6606DA</b>	<b>1T6607DA</b>
DALI	●	<b>1T6608DA</b>	<b>1T6609DA</b>
DALI	◐	<b>1T6610DA</b>	<b>1T6611DA</b>

LED / 31W / REFLECTOR / MWFL



	3000K	4000K	40°	Beam(D)		
Beam	40°					
Fixture Power	31W	2	0.41	83%		
Mounting Fix	1/8" Dia	4	0.70	13%		
Fixture Size	138mm	4	0.15	4%		
Efficiency	72lm/W	4	0.40	27%		
1T6612	Beam-31W-3000K-MWFL	Beam	97mm	0	0.26	27%

Driver	Colour	3000K	4000K
EL.	○	<b>1T6612EL</b>	<b>1T6613EL</b>
EL.	●	<b>1T6614EL</b>	<b>1T6615EL</b>
EL.	◐	<b>1T6616EL</b>	<b>1T6617EL</b>

LED / 25W / REFLECTOR / MWFL

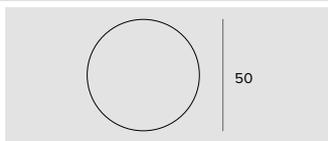


	3000K	4000K	40°	Beam(D)		
Beam	40°					
Fixture Power	25W	2	0.41	84%		
Mounting Fix	1/8" Dia	4	0.70	8%		
Fixture Size	138mm	4	0.15	4%		
Efficiency	72lm/W	4	0.40	24%		
1T6614	Beam-25W-3000K-MWFL	Beam	97mm	0	0.26	24%

Driver	Colour	3000K	4000K
DALI	○	<b>1T6612DA</b>	<b>1T6613DA</b>
DALI	●	<b>1T6614DA</b>	<b>1T6615DA</b>
DALI	◐	<b>1T6616DA</b>	<b>1T6617DA</b>

## Label 6 accessories

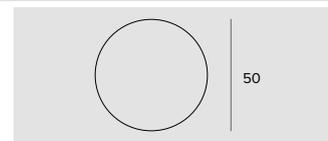
### Screen



∅ Code  
50 **1T6521**

Protective screen.

### Grid

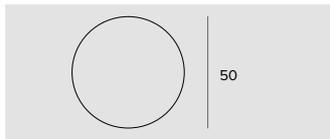


∅ Code  
50 **1T4322**

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

# LABEL

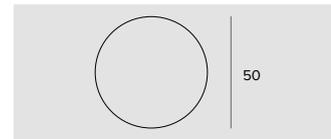
## Filter



Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

### Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

### Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

#### 1T6385

To be used only with 3000K and Ra80 fixtures.

#### 1T6387

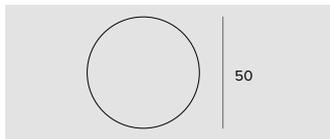
To be used only with 4000K and Ra80 fixtures.

#### 1T6389

To be used only with 3000K and Ra80 fixtures.

#### 1T6391

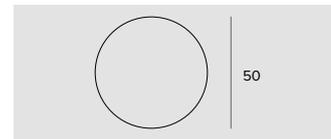
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	50	<b>1T6393</b>

### Beauty filter.

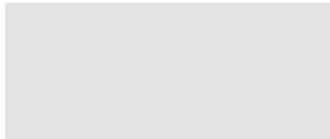
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Ø	Code
50	<b>1T4721</b>

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

## Control systems



Code
<b>1T5352</b>

### IP20 Extender for wireless control of DALI fixtures.

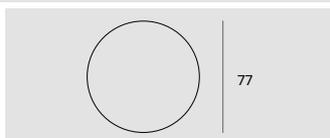
It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

## Label 9 accessories

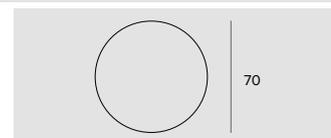
### Screen



Ø	Code
77	<b>1T6618</b>

Protective screen.

### Grid



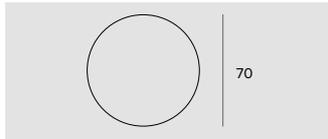
Ø	Code
70	<b>1T1711</b>

### Anti-glare louver.

Black painted metal honeycomb structure.

To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9 and Keplero Mini HE.

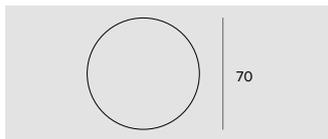
## Filter



Filter	Ø	Code
Halogen +	70	<b>1T6506</b>
Vivid +	70	<b>1T6507</b>

### Art filter.

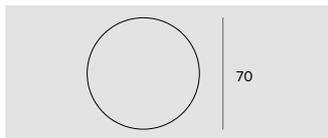
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.



Filter	Ø	Code
Beauty	70	<b>1T6512</b>

### Beauty filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.

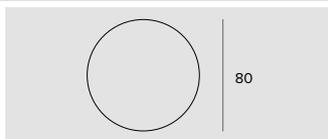


Ø	Code
70	<b>1T1709</b>

### Flat glass wired refractive diffusive filter.

This softens the luminous effect.  
To be completed with an additional holder ring.

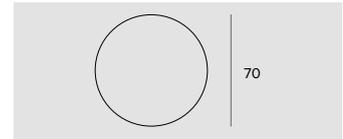
## Cut-off



Ø	Code
80	<b>1T3142</b>

### Cut-off Tube.

Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.



Filter	Ø	Code
Meat	70	<b>1T6508</b>
Fish	70	<b>1T6509</b>
Bread	70	<b>1T6510</b>
Vegetables	70	<b>1T6511</b>

### Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be completed with an additional holder ring.

#### 1T6508

To be used only with 3000K and Ra80 fixtures.

#### 1T6509

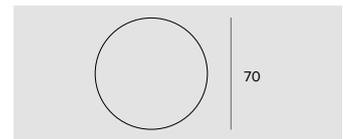
To be used only with 4000K and Ra80 fixtures.

#### 1T6510

To be used only with 3000K and Ra80 fixtures.

#### 1T6511

To be used only with 3000K and Ra80 fixtures.



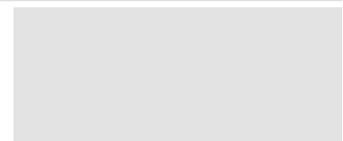
Ø	Code
70	<b>1T1708</b>

### Flat striped glass blade light refractive filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

To be completed with an additional holder ring.

## Holder Ring

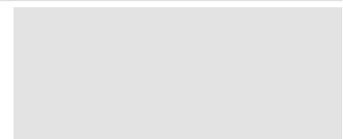


Code

**1T3727**

Transparent polycarbonate accessory holder ring.

## Control systems



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.

It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# STORE

## GENERAL INFO

Professional projector for LED sources.  
 Optical chamber adjustable 0° - 90° vertically and 355° horizontally. Mechanical aiming lock in the horizontal plane and blocking equipped with a friction system in the vertical plane.  
 STORE Ø93mm  
 STORE MINI Ø75mm

## LED

Chip on board  
 From 1786lm to 4385lm  
 3000K – 4000K  
 Ra84 - Ra97

## PRODUCT EFFICACY

Up to 119lm/W

## OPTICS

SP – FL – MWFL – WFL

## POWER SUPPLY

Electronic – DALI

## MATERIAL

Optical chamber and power box in painted die-cast aluminium. Front ring for accessories in painted aluminium.

A range of projectors designed to meet the particular requirements of the Retail market where excellent performance, minimal design and controlled light are required. Available in a projector and recessed versions, both in two different sizes.

The projector version comes in two different sizes: a large version with a separate driver box and a Mini version with a driver hidden in the track.

		STORE	STORE MINI
		Ø 93mm	Ø 75mm
LED	Flux (lm)	2257- 4385	1786 - 2532
	Power	19W - 33W	11W - 18W

## OPTICS

SP	Lenticular		•
	Reflector	•	
FL	Lenticular		•
	Reflector	•	
MWFL	Reflector	•	•
WFL	Reflector	•	•



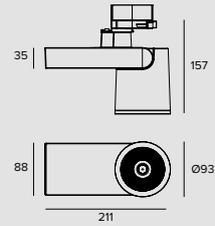


# Mc Laren Showroom

**Country**  
Milan - Italy



## Projector



### LED / 19W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Area(m²)
Kahl			04'	
Fixture Power	22W	2	0.24	2042
Mounting Fix	180mm	4	0.88	5756
Fixture Size	180mm	4	0.72	2528
Efficiency	122lm/W	4	0.96	1428
15847	Area-180x180mm	4	0.20	810

Driver	Colour	3000K	4000K
EL.	○	<b>1T5050EL</b>	<b>1T5052EL</b>
EL.	●	<b>1T5034EL</b>	<b>1T5036EL</b>
DALI	○	<b>1T5050DA</b>	<b>1T5052DA</b>
DALI	●	<b>1T5034DA</b>	<b>1T5036DA</b>

### LED / 19W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Area(m²)
Kahl			04'	
Fixture Power	22W	2	0.24	1776
Mounting Fix	120mm	4	0.88	3128
Fixture Size	120mm	4	0.72	1867
Efficiency	88lm/W	4	0.96	1206
15847	Area-180x180mm	4	0.20	810

Driver	Colour	3000K	4000K
EL.	○	<b>1T5051EL</b>	<b>1T5053EL</b>
EL.	●	<b>1T5035EL</b>	<b>1T5037EL</b>
DALI	○	<b>1T5051DA</b>	<b>1T5053DA</b>
DALI	●	<b>1T5035DA</b>	<b>1T5037DA</b>

### LED / 19W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Area(m²)
Kahl			07'	
Fixture Power	22W	2	0.68	932
Mounting Fix	180mm	4	0.88	2886
Fixture Size	180mm	4	0.88	1007
Efficiency	122lm/W	4	0.96	296
15848	Area-180x180mm	4	2.43	362

Driver	Colour	3000K	4000K
EL.	○	<b>1T5054EL</b>	<b>1T5056EL</b>
EL.	●	<b>1T5038EL</b>	<b>1T5040EL</b>
DALI	○	<b>1T5054DA</b>	<b>1T5056DA</b>
DALI	●	<b>1T5038DA</b>	<b>1T5040DA</b>

### LED / 19W / REFLECTOR / FL / CRI97



	3000K	H(m)	D(m)	Area(m²)
Kahl			07'	
Fixture Power	22W	2	0.68	898
Mounting Fix	120mm	4	0.88	1271
Fixture Size	120mm	4	0.88	774
Efficiency	88lm/W	4	0.96	428
15848	Area-180x180mm	4	2.43	279

Driver	Colour	3000K	4000K
EL.	○	<b>1T5055EL</b>	<b>1T5057EL</b>
EL.	●	<b>1T5039EL</b>	<b>1T5041EL</b>
DALI	○	<b>1T5055DA</b>	<b>1T5057DA</b>
DALI	●	<b>1T5039DA</b>	<b>1T5041DA</b>

### LED / 19W / REFLECTOR / MWFL / CRI84



	3000K	H(m)	D(m)	Area(m²)
Kahl			09'	
Fixture Power	22W	2	0.63	4778
Mounting Fix	180mm	4	0.88	1394
Fixture Size	120mm	4	0.88	583
Efficiency	122lm/W	4	0.28	278
15849	Area-180x180mm	4	4.12	295

Driver	Colour	3000K	4000K
EL.	○	<b>1T5058EL</b>	<b>1T5060EL</b>
EL.	●	<b>1T5042EL</b>	<b>1T5044EL</b>
DALI	○	<b>1T5058DA</b>	<b>1T5060DA</b>
DALI	●	<b>1T5042DA</b>	<b>1T5044DA</b>

LED / 19W / REFLECTOR / MWFL / CRI97



	3000K	H(m)	D(m)	Area(m²)
Beam			43°	
Fixture Power	22W	3	0.52	888
Mounting Fix	1207mm	4	0.48	817
Fixture Size	1262mm	3	0.80	608
Efficiency	88lm/W	4	1.28	279
Beam-120°(up/down) Beam	2794mm	3	0.70	247

Driver	Colour	3000K	4000K
EL.	○	<b>1T5059EL</b>	<b>1T5061EL</b>
EL.	●	<b>1T5043EL</b>	<b>1T5045EL</b>
DALI	○	<b>1T5059DA</b>	<b>1T5061DA</b>
DALI	●	<b>1T5043DA</b>	<b>1T5045DA</b>

LED / 19W / REFLECTOR / WFL / CRI84



	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	22W	3	0.74	938
Mounting Fix	1207mm	4	0.35	810
Fixture Size	1262mm	3	0.36	384
Efficiency	128lm/W	4	4.51	207
Beam-120°(up/down) Beam	2880mm	3	0.44	218

Driver	Colour	3000K	4000K
EL.	○	<b>1T5062EL</b>	<b>1T5064EL</b>
EL.	●	<b>1T5046EL</b>	<b>1T5048EL</b>
DALI	○	<b>1T5062DA</b>	<b>1T5064DA</b>
DALI	●	<b>1T5046DA</b>	<b>1T5048DA</b>

LED / 19W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	22W	3	0.74	932
Mounting Fix	1207mm	4	0.35	818
Fixture Size	1262mm	3	0.36	384
Efficiency	88lm/W	4	4.51	218
Beam-120°(up/down) Beam	2970mm	3	0.44	302

Driver	Colour	3000K	4000K
EL.	○	<b>1T5063EL</b>	<b>1T5065EL</b>
EL.	●	<b>1T5047EL</b>	<b>1T5049EL</b>
DALI	○	<b>1T5063DA</b>	<b>1T5065DA</b>
DALI	●	<b>1T5047DA</b>	<b>1T5049DA</b>

LED / 33W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Area(m²)
Beam			14°	
Fixture Power	30W	3	0.24	9752
Mounting Fix	4217mm	4	0.88	8888
Fixture Size	1623mm	3	0.71	9728
Efficiency	122lm/W	4	0.96	2081
Beam-120°(up/down) Beam	1992mm	3	0.20	1482

Driver	Colour	3000K	4000K
EL.	○	<b>1T5082EL</b>	<b>1T5084EL</b>
EL.	●	<b>1T5066EL</b>	<b>1T5068EL</b>
DALI	○	<b>1T5082DA</b>	<b>1T5084DA</b>
DALI	●	<b>1T5066DA</b>	<b>1T5068DA</b>

LED / 33W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Area(m²)
Beam			14°	
Fixture Power	30W	3	0.24	2088
Mounting Fix	1200mm	4	0.88	8452
Fixture Size	1750mm	3	0.71	2888
Efficiency	78lm/W	4	0.96	1818
Beam-120°(up/down) Beam	1680mm	3	0.20	1012

Driver	Colour	3000K	4000K
EL.	○	<b>1T5083EL</b>	<b>1T5085EL</b>
EL.	●	<b>1T5067EL</b>	<b>1T5069EL</b>
DALI	○	<b>1T5083DA</b>	<b>1T5085DA</b>
DALI	●	<b>1T5067DA</b>	<b>1T5069DA</b>

LED / 33W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Area(m²)
Beam			27°	
Fixture Power	30W	3	0.88	11208
Mounting Fix	4217mm	4	0.97	8801
Fixture Size	1623mm	3	0.88	1487
Efficiency	122lm/W	4	0.96	878
Beam-120°(up/down) Beam	1580mm	3	0.43	628

Driver	Colour	3000K	4000K
EL.	○	<b>1T5086EL</b>	<b>1T5088EL</b>
EL.	●	<b>1T5070EL</b>	<b>1T5072EL</b>
DALI	○	<b>1T5086DA</b>	<b>1T5088DA</b>
DALI	●	<b>1T5070DA</b>	<b>1T5072DA</b>

# STORE

## LED / 33W / REFLECTOR / FL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5087EL</b>	<b>1T5089EL</b>
EL.	●	<b>1T5071EL</b>	<b>1T5073EL</b>
DALI	○	<b>1T5087DA</b>	<b>1T5089DA</b>
DALI	●	<b>1T5071DA</b>	<b>1T5073DA</b>

## LED / 33W / REFLECTOR / MWFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T5090EL</b>	<b>1T5092EL</b>
EL.	●	<b>1T5074EL</b>	<b>1T5076EL</b>
DALI	○	<b>1T5090DA</b>	<b>1T5092DA</b>
DALI	●	<b>1T5074DA</b>	<b>1T5076DA</b>

## LED / 33W / REFLECTOR / MWFL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5091EL</b>	<b>1T5093EL</b>
EL.	●	<b>1T5075EL</b>	<b>1T5077EL</b>
DALI	○	<b>1T5091DA</b>	<b>1T5093DA</b>
DALI	●	<b>1T5075DA</b>	<b>1T5077DA</b>

## LED / 33W / REFLECTOR / WFL / CRI84



Driver	Colour	3000K	4000K
EL.	○	<b>1T5094EL</b>	<b>1T5096EL</b>
EL.	●	<b>1T5078EL</b>	<b>1T5080EL</b>
DALI	○	<b>1T5094DA</b>	<b>1T5096DA</b>
DALI	●	<b>1T5078DA</b>	<b>1T5080DA</b>

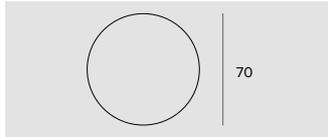
## LED / 33W / REFLECTOR / WFL / CRI97



Driver	Colour	3000K	4000K
EL.	○	<b>1T5095EL</b>	<b>1T5097EL</b>
EL.	●	<b>1T5079EL</b>	<b>1T5081EL</b>
DALI	○	<b>1T5095DA</b>	<b>1T5097DA</b>
DALI	●	<b>1T5079DA</b>	<b>1T5081DA</b>

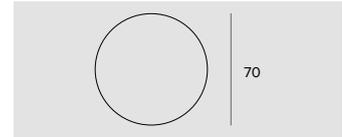
# Accessories

## Filter



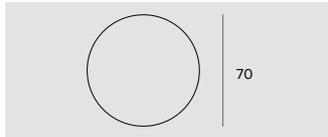
Filter	Ø	Code
Red	70	<b>1T1712</b>
Green	70	<b>1T1713</b>
Blue	70	<b>1T1714</b>
Yellow	70	<b>1T1715</b>
Magenta	70	<b>1T1716</b>

Flat glass interference chromatic filter.  
To be completed with an additional holder ring.



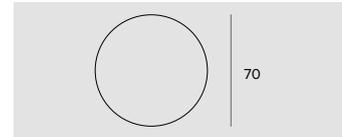
Ø	Code
70	<b>1T1708</b>

Flat striped glass blade light refractive filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with an additional holder ring.



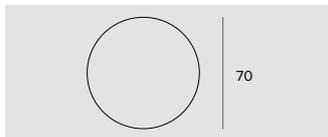
Ø	Code
70	<b>1T1709</b>

Flat glass wired refractive diffusive filter.  
This softens the luminous effect.  
To be completed with an additional holder ring.



Filter	Ø	Code
Halogen +	70	<b>1T6506</b>
Vivid +	70	<b>1T6507</b>

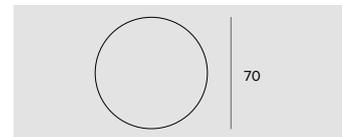
Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	<b>1T6508</b>
Fish	70	<b>1T6509</b>
Bread	70	<b>1T6510</b>
Vegetables	70	<b>1T6511</b>

Food filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be completed with an additional holder ring.

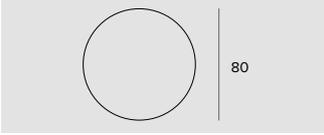
To be used only with 3000K and Ra80 fixtures.  
**1T6509**  
To be used only with 4000K and Ra80 fixtures.  
**1T6510**  
To be used only with 3000K and Ra80 fixtures.  
**1T6511**  
To be used only with 3000K and Ra80 fixtures.



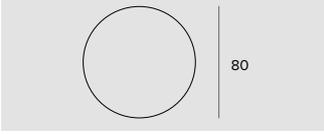
Filter	Ø	Code
Beauty	70	<b>1T6512</b>

Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.

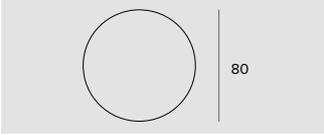
# STORE

Screen					
					
	<table border="1"> <thead> <tr> <th>Ø</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>80</td> <td><b>1T6522</b></td> </tr> </tbody> </table>	Ø	Code	80	<b>1T6522</b>
Ø	Code				
80	<b>1T6522</b>				

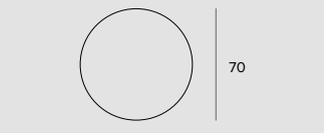
Protective screen.

Zoom					
					
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Ø	Code				
80	<b>1T3432</b>				

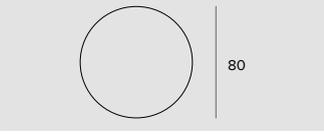
Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It makes it possible to obtain a variable beam from 15° to 60°.  
It can not be used with NSP and hybrid optics; no for DBS version.

Screen					
					
	<table border="1"> <thead> <tr> <th>Ø</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>80</td> <td><b>1T3143</b></td> </tr> </tbody> </table>	Ø	Code	80	<b>1T3143</b>
Ø	Code				
80	<b>1T3143</b>				

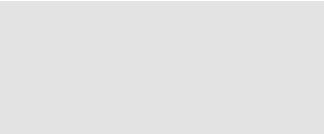
Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

Grid					
					
	<table border="1"> <thead> <tr> <th>Ø</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>70</td> <td><b>1T1711</b></td> </tr> </tbody> </table>	Ø	Code	70	<b>1T1711</b>
Ø	Code				
70	<b>1T1711</b>				

Anti-glare louver.  
Black painted metal honeycomb structure.  
To be completed with an additional holder ring.

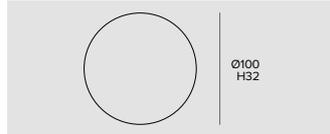
Cut-off					
					
	<table border="1"> <thead> <tr> <th>Ø</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>80</td> <td><b>1T3142</b></td> </tr> </tbody> </table>	Ø	Code	80	<b>1T3142</b>
Ø	Code				
80	<b>1T3142</b>				

Cut-off Tube.  
Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.

Holder Ring			
			
	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td><b>1T3727</b></td> </tr> </tbody> </table>	Code	<b>1T3727</b>
Code			
<b>1T3727</b>			

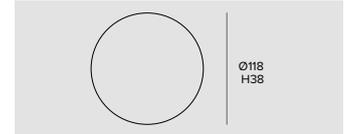
Transparent polycarbonate accessory holder ring.

## Adapter



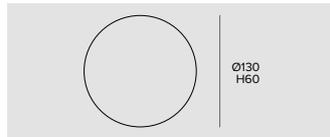
Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	●	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
118	38	DALI	○	<b>9000/BPU-D-W</b>
118	38	DALI	●	<b>9000/BPU-D-B</b>
118	38	DALI	●	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.



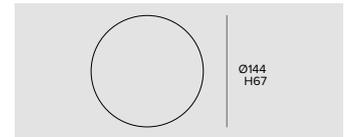
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	●	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.

**1T2222** - To be completed with 1T2220.

**1T2223** - To be completed with 1T2221.

**1T2224** - To be completed with 1T2219.



Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.

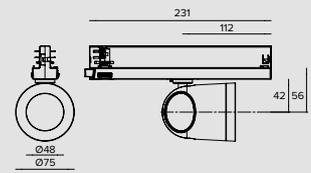
**9000/BRU-G** - To be completed with 9000/BPU-D-G.

**9000/BRU-W** - To be completed with 9000/BPU-D-W.

**9000/BRU-B** - To be completed with 9000/BPU-D-B.



## Mini Projector



### LED / 11W / LENS / SP □ 0.4 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			23°	
Fixture Power	11W	2	0.27	1850
Source Flux	1794lm	4	0.23	6128
Fixture Flux	1330lm	4	0.80	1878
Efficiency	80lm/W	4	1.07	1007
TM68	1901lm	6	0.33	672

Driver	Colour	3000K	4000K
EL.	○	<b>1T5016EL</b>	<b>1T5017EL</b>
EL.	●	<b>1T5010EL</b>	<b>1T5011EL</b>

### LED / 12W / LENS / FL □ 0.4 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			30°	
Fixture Power	12W	2	0.34	1920
Source Flux	1817lm	4	0.08	1306
Fixture Flux	1310lm	4	0.84	180
Efficiency	87lm/W	4	1.17	300
TM68	1920lm	6	2.72	290

Driver	Colour	3000K	4000K
EL.	○	<b>1T5018EL</b>	<b>1T5019EL</b>
EL.	●	<b>1T5012EL</b>	<b>1T5013EL</b>

### LED / 12W / REFLECTOR / MWFL □ 0.4 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			48°	
Fixture Power	12W	2	0.80	2178
Source Flux	1817lm	4	0.80	818
Fixture Flux	1529lm	4	2.88	270
Efficiency	127lm/W	4	3.58	218
TM68	2020lm	6	4.50	88

Driver	Colour	3000K	4000K
EL.	○	<b>1T5020EL</b>	<b>1T5021EL</b>
EL.	●	<b>1T5014EL</b>	<b>1T5015EL</b>

### LED / 18W / LENS / SP □ 0.4 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			25°	
Fixture Power	20W	2	0.23	880
Source Flux	1868lm	4	0.87	230
Fixture Flux	1800lm	4	1.80	978
Efficiency	90lm/W	4	1.71	100
TM68	1900lm	6	2.17	162

Driver	Colour	3000K	4000K
EL.	○	<b>1T5028EL</b>	<b>1T5029EL</b>
EL.	●	<b>1T5022EL</b>	<b>1T5023EL</b>

### LED / 18W / REFLECTOR / MWFL □ 0.4 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			48°	
Fixture Power	20W	2	0.80	912
Source Flux	1868lm	4	0.80	818
Fixture Flux	1340lm	4	2.88	188
Efficiency	123lm/W	4	3.58	208
TM68	1880lm	6	4.50	162

Driver	Colour	3000K	4000K
EL.	○	<b>1T5030EL</b>	<b>1T5031EL</b>
EL.	●	<b>1T5024EL</b>	<b>1T5025EL</b>

LED / 18W / REFLECTOR / WFL

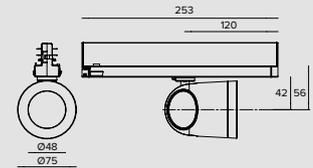


	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			30°		
Fixture Power	20W	3	5.19	200	
Source Flux	1800lm	4	2.22	400	
Fixture Flux	1200lm	4	4.81	267	
Efficiency	60lm/W	4	4.43	220	
18W12	18W-1872cuplens Head	2800lm	4	5.79	96

Driver	Colour	3000K	4000K
EL	○	<b>1T5032EL</b>	<b>1T5033EL</b>
EL	●	<b>1T5026EL</b>	<b>1T5027EL</b>



Mini Projector



LED / 11W / LENS / SP



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			23°		
Fixture Power	12W	3	5.27	160	
Source Flux	1040lm	4	3.22	420	
Fixture Flux	1040lm	4	3.80	187	
Efficiency	86lm/W	4	5.03	103	
11W16	11W-1172cuplens Head	1400lm	4	5.22	67

Driver	Colour	3000K	4000K
DALI	○	<b>1T5016DA</b>	<b>1T5017DA</b>
DALI	●	<b>1T5010DA</b>	<b>1T5011DA</b>

LED / 12W / LENS / FL



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			30°		
Fixture Power	12W	3	5.54	160	
Source Flux	1017lm	4	3.00	130	
Fixture Flux	1017lm	4	5.54	140	
Efficiency	84lm/W	4	5.17	100	
12W17	12W-1272cuplens Head	1020lm	4	2.72	29

Driver	Colour	3000K	4000K
DALI	○	<b>1T5018DA</b>	<b>1T5019DA</b>
DALI	●	<b>1T5012DA</b>	<b>1T5013DA</b>

LED / 12W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			48°		
Fixture Power	12W	3	5.80	170	
Source Flux	1017lm	4	3.80	118	
Fixture Flux	1020lm	4	3.80	270	
Efficiency	102lm/W	4	3.32	100	
12W18	12W-1272cuplens Head	2020lm	4	4.50	96

Driver	Colour	3000K	4000K
DALI	○	<b>1T5020DA</b>	<b>1T5021DA</b>
DALI	●	<b>1T5014DA</b>	<b>1T5015DA</b>

LED / 18W / LENS / SP



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			23°		
Fixture Power	20W	3	5.27	200	
Source Flux	1800lm	4	3.22	400	
Fixture Flux	1800lm	4	3.80	179	
Efficiency	90lm/W	4	5.74	100	
18W18	18W-1872cuplens Head	1800lm	4	2.17	102

Driver	Colour	3000K	4000K
DALI	○	<b>1T5028DA</b>	<b>1T5029DA</b>
DALI	●	<b>1T5022DA</b>	<b>1T5023DA</b>

# STORE

## LED / 18W / REFLECTOR / MWFL



	3000K	4000K	5000K	6000K
Beam Angle	48°			
Fixture Power	20W	2	3.80	1123
Mounting Hole	18mm	4	3.80	810
Fixture Size	120mm	4	3.80	188
Efficiency	123lm/W	4	3.31	209
Beam Diameter	380mm	5	4.50	148

Driver	Colour	3000K	4000K
DALI	○	<b>1T5030DA</b>	<b>1T5031DA</b>
DALI	●	<b>1T5024DA</b>	<b>1T5025DA</b>

## LED / 18W / REFLECTOR / WFL

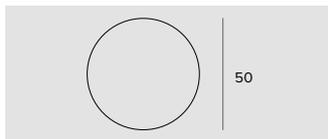


	3000K	4000K	5000K	6000K
Beam Angle	48°			
Fixture Power	20W	2	3.16	2926
Mounting Hole	18mm	4	2.22	690
Fixture Size	120mm	4	3.61	267
Efficiency	98lm/W	4	4.63	230
Beam Diameter	280mm	5	3.79	96

Driver	Colour	3000K	4000K
DALI	○	<b>1T5032DA</b>	<b>1T5033DA</b>
DALI	●	<b>1T5026DA</b>	<b>1T5027DA</b>

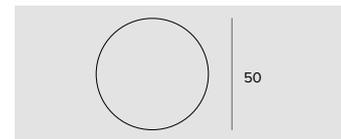
## Accessories

### Filter



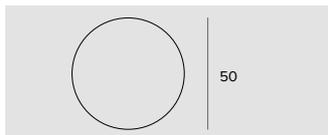
Filter	Ø	Code
Red	50	<b>49881</b>
Green	50	<b>49882</b>
Blue	50	<b>49886</b>
Yellow	50	<b>49887</b>
Magenta	50	<b>49959</b>

Flat glass interference chromatic filter.



Filter	Ø	Code
	50	<b>1T4721</b>

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

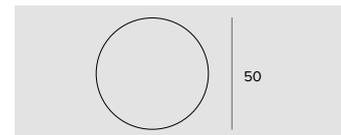


Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6385**

To be used only with 3000K and Ra80 fixtures.

**1T6387**

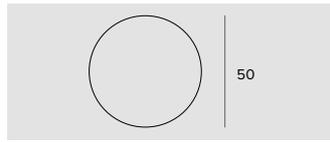
To be used only with 4000K and Ra80 fixtures.

**1T6389**

To be used only with 3000K and Ra80 fixtures.

**1T6391**

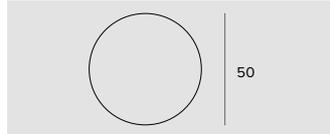
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	50	<b>1T6393</b>

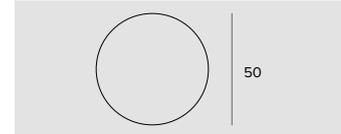
Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.

## Screen



Ø	Code
50	<b>1T4325</b>

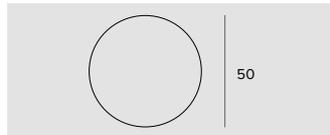
Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.



Ø	Code
50	<b>1T6521</b>

Protective screen.

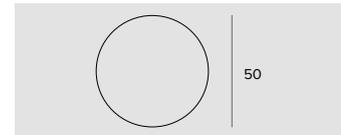
## Grid



Ø	Code
50	<b>1T4322</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

## Zoom



Ø	Code
50	<b>1T4324</b>

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It can not be used with a narrow spot optic.  
It makes it possible to obtain a variable beam from 15° to 60°.

# LEDÒ

## GENERAL INFO

Professional adjustable LED projector.  
The body can be adjusted from 0° to 90° on a vertical plane and by 355° on a horizontal plane with double blocking equipped with a friction system.  
LEDÒ L. 178mm  
LEDÒ TUNABLE and DBS L. 213mm

## LED

STANDARD E DBS: Chip on board  
From 2524lm to 3155lm  
3000K – 4000K  
Ra97  
TUNABLE: Chip on board  
From 1960lm to 2290lm  
From 2700K to 5700K  
Ra90

## PRODUCT EFFICACY

Up to 92lm/W

## OPTICS

SP – FL – MWFL – WFL  
DBS - Digital beam opening control

## POWER SUPPLY

Electronic – DALI  
Control: Dimmer on board – Casambi on board

## MATERIAL

Painted die-cast aluminium body (L=178 mm) or extruded painted aluminium body (L=213 mm). Front interchangeable optic camera in black polycarbonate for the standard version and in the same colour of the body for the LOF version, back ring with radial grid for heat dissipation.

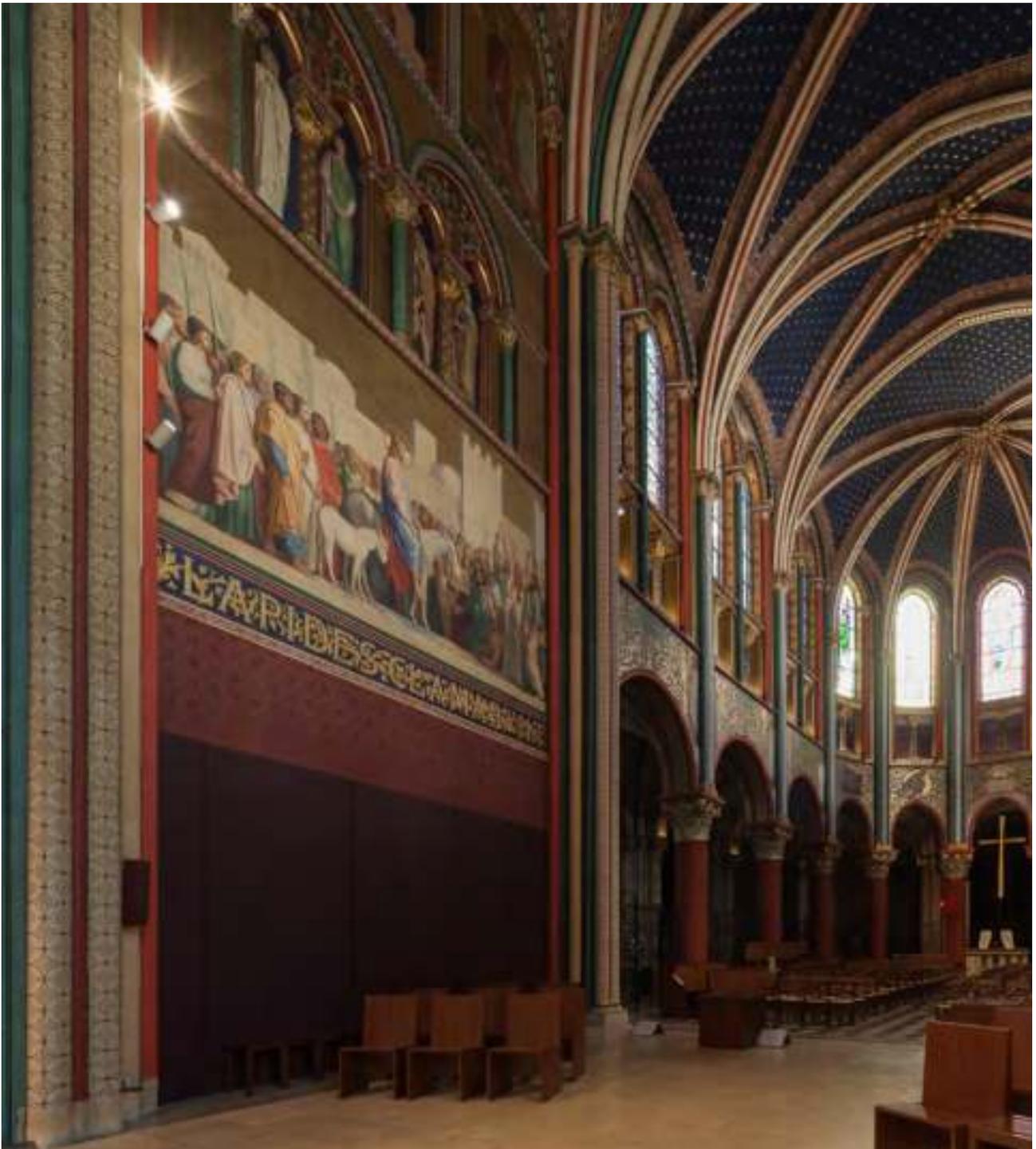
Track projectors designed for museum lighting given the precise beam modelling, the high colour quality of the light and excellent colour rendering. Available with a fixed optic with a DBS system to modulate the beam on the object to be lit up to 50°.

The Tunable version on the other hand allows to vary the colour temperature from 2700K to 5700K.

The different versions are available with an electronic driver, a dimmable on board driver or can be controlled with a smartphone using the Casambi app to manage the luminous intensity of every single fixture.

The electronic, DALI and DBS versions have an integrated driver. The Tunable version has a separate driver.



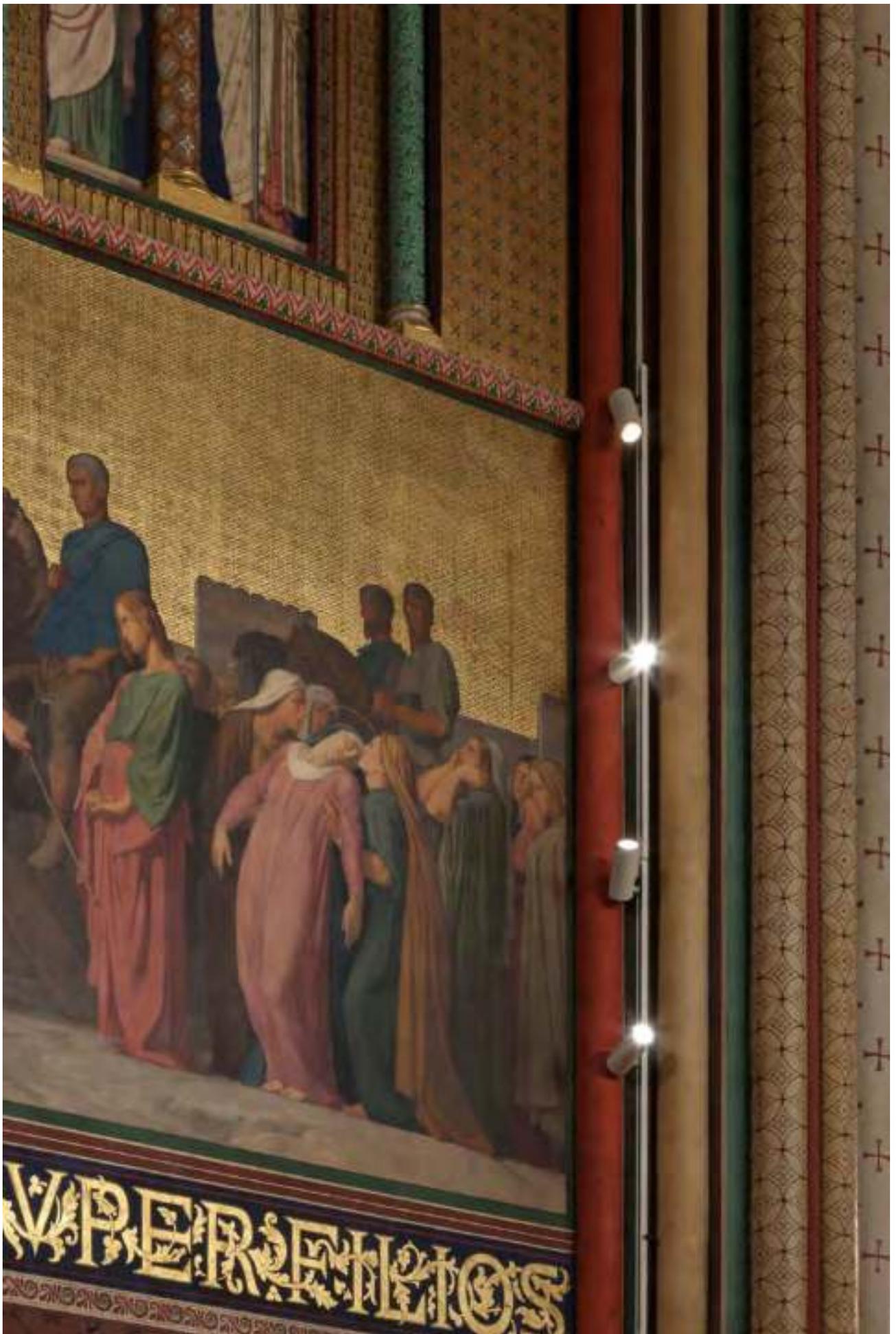


# Saint Germain des Prés

**Lighting Design**  
Armand Zadkian

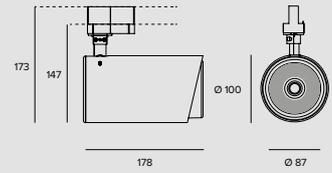
**Photographer**  
Hugo Hebrard

**Country**  
Paris - France





L. 178mm



**LED / 25W / HYBRID / SP / CRI97** ± 1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T4882</b>	<b>1T4883</b>
EL.	●	<b>1T4886</b>	<b>1T4887</b>
EL.	●	<b>1T4878</b>	<b>1T4879</b>
DIMM ON BOARD	○	<b>1T4890</b>	
DIMM ON BOARD	○	<b>1T4892</b>	
DIMM ON BOARD	●	<b>1T4894</b>	
DALI	○	<b>1T4896</b>	
DALI	○	<b>1T4898</b>	
DALI	●	<b>1T4900</b>	

**LED / 25W / HYBRID / FL / CRI97** ± 1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T4884</b>	<b>1T4885</b>
EL.	●	<b>1T4888</b>	<b>1T4889</b>
EL.	●	<b>1T4880</b>	<b>1T4881</b>
DIMM ON BOARD	○	<b>1T4891</b>	
DIMM ON BOARD	○	<b>1T4893</b>	
DIMM ON BOARD	●	<b>1T4895</b>	
DALI	○	<b>1T4897</b>	
DALI	○	<b>1T4899</b>	
DALI	●	<b>1T4901</b>	

**LED / 25W / REFLECTOR / MWFL / CRI97** ± 1 IP20



Driver	Colour	3000K	4000K
ENEC EL.	○	<b>1T3491</b>	<b>1T3492</b>
ENEC EL.	●	<b>1T3499</b>	<b>1T3500</b>
ENEC EL.	●	<b>1T3483</b>	<b>1T3484</b>
DIMM ON BOARD	○	<b>1T4369</b>	
DIMM ON BOARD	○	<b>1T4373</b>	
DIMM ON BOARD	●	<b>1T4377</b>	
DALI	○	<b>1T4381</b>	
DALI	○	<b>1T4385</b>	
DALI	●	<b>1T4389</b>	

**LED / 25W / REFLECTOR / WFL / CRI97** ± 1 IP20

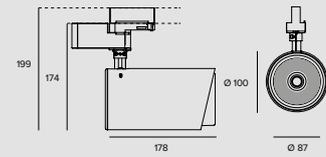


Driver	Colour	3000K	4000K
ENEC EL.	○	<b>1T3493</b>	<b>1T3494</b>
ENEC EL.	●	<b>1T3501</b>	<b>1T3502</b>
ENEC EL.	●	<b>1T3485</b>	<b>1T3486</b>
DIMM ON BOARD	○	<b>1T4370</b>	
DIMM ON BOARD	○	<b>1T4374</b>	
DIMM ON BOARD	●	<b>1T4378</b>	
DALI	○	<b>1T4382</b>	
DALI	○	<b>1T4386</b>	
DALI	●	<b>1T4390</b>	

# LEDÒ



## CASAMBI L. 178mm



### LED / 25W / HYBRID / SP / CRI97 ⊕ 1 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			37°	
Fixture Power	27W	0	0.21	2023
Mounting Hole	152mm	4	0.56	3800
Fixture Size	152mm	4	0.60	2500
Efficiency	81lm/W	4	3.02	1431
Beam	152mm	0	0.14	638

Driver	Colour	3000K	4000K
CASAMBI	●	<b>1T4896CA</b>	
CASAMBI	○	<b>1T4898CA</b>	
CASAMBI	●	<b>1T4900CA</b>	

### LED / 25W / HYBRID / FL / CRI97 ⊕ 1 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			37°	
Fixture Power	27W	0	0.58	1627
Mounting Hole	152mm	4	0.57	1801
Fixture Size	152mm	4	0.75	623
Efficiency	87lm/W	4	2.53	262
Beam	152mm	0	2.82	216

Driver	Colour	3000K	4000K
CASAMBI	●	<b>1T4897CA</b>	
CASAMBI	○	<b>1T4899CA</b>	
CASAMBI	●	<b>1T4901CA</b>	

### LED / 25W / REFLECTOR / MWFL / CRI97 ⊕ 1 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			49°	
Fixture Power	27W	0	0.62	612
Mounting Hole	172mm	4	0.69	1201
Fixture Size	170mm	4	2.80	490
Efficiency	87lm/W	4	3.28	276
Beam	172mm	0	4.12	276

Driver	Colour	3000K	4000K
CASAMBI	●	<b>1T4381CA</b>	
CASAMBI	○	<b>1T4385CA</b>	
CASAMBI	●	<b>1T4389CA</b>	

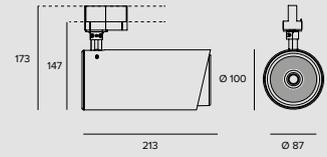
### LED / 25W / REFLECTOR / WFL / CRI97 ⊕ 1 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			50°	
Fixture Power	27W	0	0.73	607
Mounting Hole	172mm	4	2.26	748
Fixture Size	170mm	4	3.26	392
Efficiency	89lm/W	4	4.11	292
Beam	172mm	0	5.44	224

Driver	Colour	3000K	4000K
CASAMBI	●	<b>1T4382CA</b>	
CASAMBI	○	<b>1T4386CA</b>	
CASAMBI	●	<b>1T4390CA</b>	



# DBS L. 213mm



## LED / 25W / DBS / CRI97

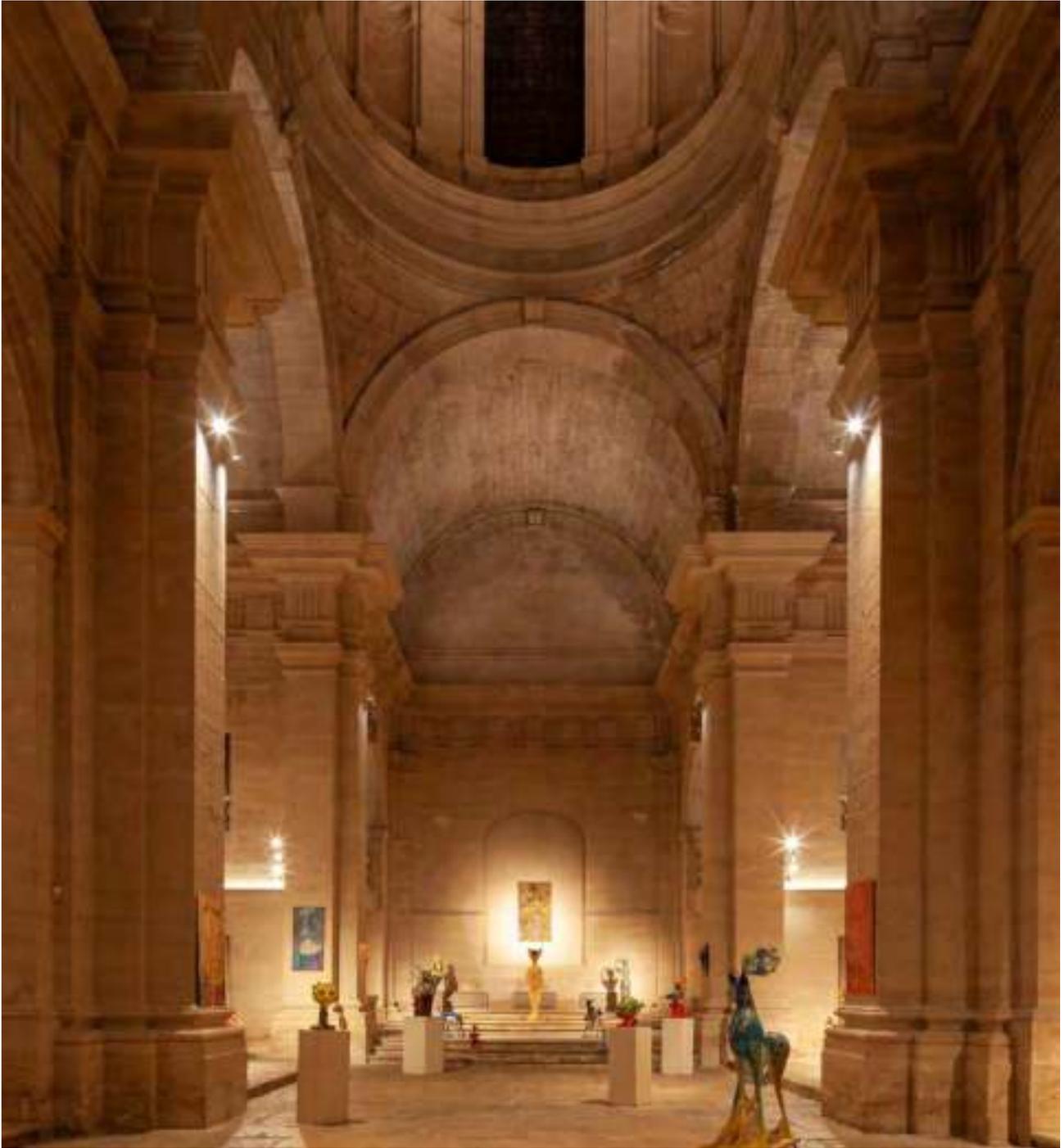
Beam Angle	3000K	4000K	20°	30°	42°
25°	2700	3700	0.29	0.36	0.47
30°	3270m	4470m	0.36	0.45	0.58
42°	1200m	1640m	0.34	0.43	0.56
Efficiency	41lm/W	41lm/W	4	5.13	7.01
1T62126	15000lm	15000lm	0	1.50	1.70

Driver	Colour	3000K	4000K
CASAMBI	○	<b>1T6955CA</b>	<b>1T6959CA</b>
CASAMBI	●	<b>1T6956CA</b>	<b>1T6960CA</b>
CASAMBI	●	<b>1T6957CA</b>	<b>1T6961CA</b>
CASAMBI	○	<b>1T6958CA</b>	<b>1T6962CA</b>

## LED / 31W / DBS / CRI97

Beam Angle	3000K	4000K	20°	30°	42°
25°	3700	5000	0.29	0.36	0.47
30°	4370m	5800m	0.36	0.45	0.58
42°	1610m	2120m	0.34	0.43	0.56
Efficiency	41lm/W	41lm/W	4	5.13	7.01
1T62126	15360lm	15360lm	0	1.50	1.70

Driver	Colour	3000K	4000K
CASAMBI	○	<b>1T6963CA</b>	<b>1T6967CA</b>
CASAMBI	●	<b>1T6964CA</b>	<b>1T6968CA</b>
CASAMBI	●	<b>1T6965CA</b>	<b>1T6969CA</b>
CASAMBI	○	<b>1T6966CA</b>	<b>1T6970CA</b>



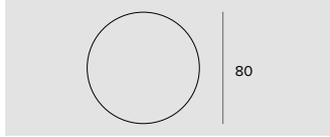
# Chapelle du Collège Sacha Leray Exposition

**Photographer**  
Hugo Hebrard

**Country**  
Carpentras - France

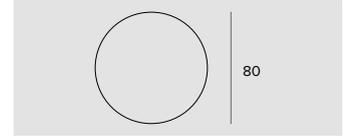
# Accessories

## Filter



Filter	Ø	Code
Red	80	<b>1T3424</b>
Green	80	<b>1T3425</b>
Blue	80	<b>1T3426</b>
Yellow	80	<b>1T3427</b>
Magenta	80	<b>1T3428</b>

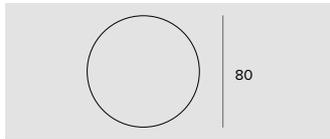
Flat glass interference chromatic filter.



Ø	Code
80	<b>1T3141</b>

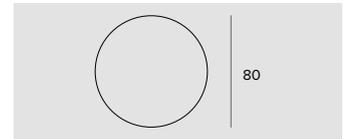
Flat glass, grooved refractive blade light filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.



Ø	Code
80	<b>1T3140</b>

Flat glass micro prismatic refractive diffusive filter.  
This softens the luminous effect.

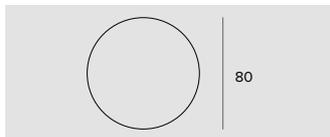


Filter	Ø	Code
Halogen +	80	<b>1T6382</b>
Vivid +	80	<b>1T6384</b>

Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	80	<b>1T6386</b>
Fish	80	<b>1T6388</b>
Bread	80	<b>1T6390</b>
Vegetables	80	<b>1T6392</b>

Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6386**

To be used only with 3000K and Ra80 fixtures.

**1T6388**

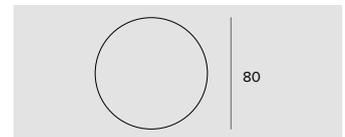
To be used only with 4000K and Ra80 fixtures.

**1T6390**

To be used only with 3000K and Ra80 fixtures.

**1T6392**

To be used only with 3000K and Ra80 fixtures.



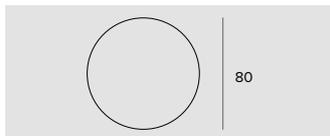
Filter	Ø	Code
Beauty	80	<b>1T6394</b>

Beauty filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.

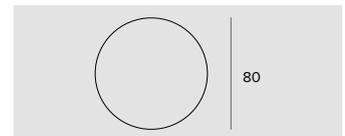
## Screen



Ø	Code
80	<b>1T6522</b>

Protective screen.

## Grid



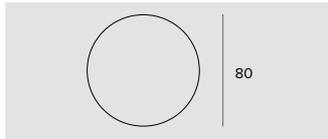
Ø	Code
80	<b>1T3423</b>

Anti-glare louver.

Black painted metal honeycomb structure.

# LEDÒ

## Zoom



Ø	Code
80	<b>1T3432</b>

### Zoom.

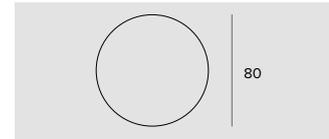
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

To be used after removing the existing optic.

It makes it possible to obtain a variable beam from 15° to 60°.

It can not be used with NSP and hybrid optics; no for DBS version.

## Cut-off



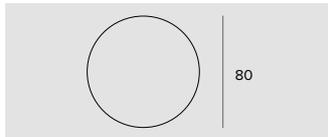
Ø	Code
80	<b>1T3142</b>

### Cut-off Tube.

Allows for the beam to be focused while removing the fall-off component.

No for DBS version.

## Screen



Ø	Code
80	<b>1T3143</b>

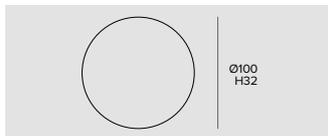
Black painted anodized diffusive aluminium asymmetric screen.

Complete with blade light filter.

Ideal for a Wall Washer effect.

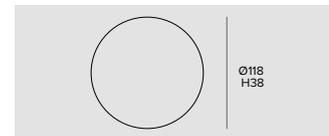
To be combined with spot and flood optics.

## Adapter



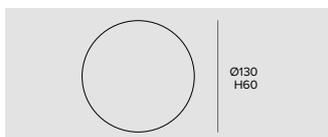
Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	◐	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
118	38	DALI	○	<b>9000/BPU-D-W</b>
118	38	DALI	●	<b>9000/BPU-D-B</b>
118	38	DALI	◐	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.



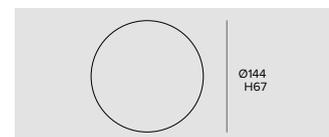
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	◐	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.

**1T2222** - To be completed with 1T2220.

**1T2223** - To be completed with 1T2221.

**1T2224** - To be completed with 1T2219.



Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	◐	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.

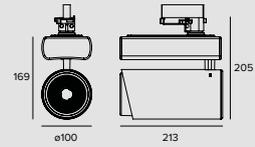
**9000/BRU-G** - To be completed with 9000/BPU-D-G.

**9000/BRU-W** - To be completed with 9000/BPU-D-W.

**9000/BRU-B** - To be completed with 9000/BPU-D-B.



## Tunable 2700K - 5700K



LED / 25W / SP							
					Driver	Colour	CTC
00006	4000K	2700K	5700K	24°	CASAMBI		<b>1T4439CA</b>
	Beam Power	27W	0	0.24	CASAMBI		<b>1T4443CA</b>
	Mounting Fix	1200mm	4	0.88	CASAMBI		<b>1T4447CA</b>
	Fixture Size	1317mm	4	0.73			
	Efficiency	87lm/W	4	0.86			
112032	Beam-Width (up/down)	1700mm	0	0.20			

LED / 25W / FL							
					Driver	Colour	CTC
00006	4000K	2700K	5700K	27°	CASAMBI		<b>1T4440CA</b>
	Beam Power	27W	0	0.27	CASAMBI		<b>1T4444CA</b>
	Mounting Fix	1200mm	4	0.97	CASAMBI		<b>1T4448CA</b>
	Fixture Size	1300mm	4	0.86			
	Efficiency	87lm/W	4	0.86			
112033	Beam-Width (up/down)	1670mm	0	0.63			

LED / 25W / MWFL							
					Driver	Colour	CTC
00006	4000K	2700K	5700K	49°	CASAMBI		<b>1T4441CA</b>
	Beam Power	27W	0	0.63	CASAMBI		<b>1T4445CA</b>
	Mounting Fix	1200mm	4	0.69	CASAMBI		<b>1T4449CA</b>
	Fixture Size	1300mm	4	0.86			
	Efficiency	87lm/W	4	0.86			
112035	Beam-Width (up/down)	1380mm	0	0.12			

LED / 25W / WFL							
					Driver	Colour	CTC
00006	4000K	2700K	5700K	50°	CASAMBI		<b>1T4442CA</b>
	Beam Power	27W	0	0.13	CASAMBI		<b>1T4446CA</b>
	Mounting Fix	1200mm	4	0.26	CASAMBI		<b>1T4450CA</b>
	Fixture Size	1340mm	4	0.26			
	Efficiency	70lm/W	4	0.13			
112037	Beam-Width (up/down)	2610mm	0	0.44			

## Accessories

Filter			
		Ø	Code
		80	<b>1T3141</b>
		Ø	Code
		80	<b>1T3140</b>

Flat glass, grooved refractive blade light filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

Flat glass micro prismatic refractive diffusive filter.  
This softens the luminous effect.



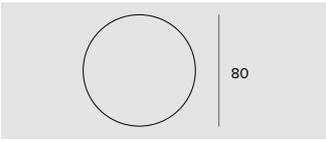
# APE Museum

Cultural and museum center  
of Monteparma Fondation

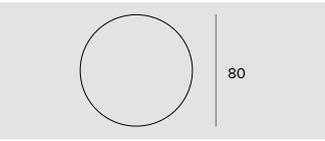
**Lighting Design**  
Pozzi Associati Luce

**Photographer**  
Ivan Rossi

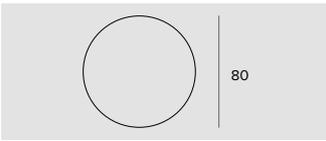
**Country**  
Bologna - Italy

Screen	
	
Ø	Code
80	<b>1T6522</b>

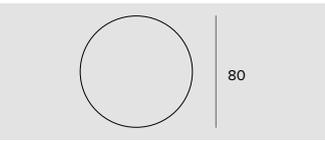
Protective screen.

Grid	
	
Ø	Code
80	<b>1T3423</b>

Anti-glare louver.  
Black painted metal honeycomb structure.

Zoom	
	
Ø	Code
80	<b>1T3432</b>

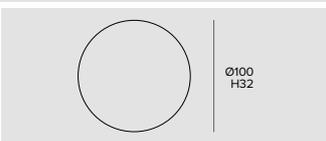
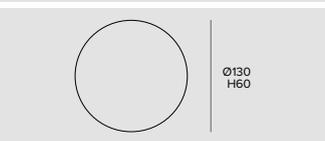
Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It makes it possible to obtain a variable beam from 15° to 60°.  
It can not be used with NSP and hybrid optics; no for DBS version.

Cut-off	
	
Ø	Code
80	<b>1T3142</b>

Cut-off Tube.  
Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.

Screen	
	
Ø	Code
80	<b>1T3143</b>

Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

Adapter					
		Ø100 H32			
Ø	H	Driver	Colour	Code	
100	32	EL.	○	<b>1T2221</b>	
100	32	EL.	●	<b>1T2220</b>	
100	32	EL.	●	<b>1T2219</b>	
		Ø130 H60			
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	●	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.  
**1T2222** - To be completed with 1T2220.  
**1T2223** - To be completed with 1T2221.  
**1T2224** - To be completed with 1T2219.

Ceiling mounting adapter for electrified track type projectors.

# RAY

## GENERAL INFO

Professional adjustable LED projector.  
Adjustable from 0° to -90° in the vertical plane and 359° in the horizontal plane. Mechanical aiming lock in vertical plane and graduated ring nut for locking in the horizontal plane. The centre of gravity always remains in axis with the track irrespective of where it is aimed.  
RAY Ø163mm  
RAY MINI Ø115mm  
RAY MICRO Ø89mm

## LED

Chip on board  
From 1949lm to 7232lm  
3000K – 4000K  
Ra84  
Ra97 (excluding the MICRO version)

## PRODUCT EFFICACY

Up to 125lm/W

## OPTICS

SP – FL – MWFL - WFL

## POWER SUPPLY

Electronic – DALI ((excluding the MICRO version)

## MATERIAL

Die-cast aluminium body painted. Front ring made of black ryton.

A range of projectors characterised by an essential design and high performance. Clearly intended for the Retail environment there are three different sizes and with four different power supplies to satisfy size and performance requirements within the same project.

All versions have optics with reflectors to obtain soft, delicate tones on all beam openings.





## Almacruz Hotel

**Lighting Design**  
Katerina Jofre

**Photographer**  
Nicolás Saieh

**Country**  
Santiago - Chile

**Project**  
Mas Fernades  
arquitectos  
asociados



**LED / 50W / REFLECTOR / FL / CRI97**



	3000K	4000K	5000K	6000K
Beam	28°			
Fixture Power	50W	5	0.99	18720
Mounting	5024mm	4	0.85	4661
Fixture Size	430mm	4	1.26	2081
Efficiency	90lm/W	4	1.70	1171
Beam	18720lm	4	2.14	148

Certificate	Driver	Colour	3000K	4000K
ENEC	EL	○	<b>1T4253</b>	
ENEC	EL	●	<b>1T4254</b>	
	DALI	○	<b>1T4253DA</b>	<b>1T5333DA</b>
	DALI	●	<b>1T4254DA</b>	<b>1T5334DA</b>
	EL	○		<b>1T5333</b>
	EL	●		<b>1T5334</b>

**LED / 50W / REFLECTOR / WFL / CRI84**



	3000K	4000K	5000K	6000K
Beam	33°			
Fixture Power	50W	5	0.99	4020
Mounting	4000mm	4	1.01	1111
Fixture Size	178mm	4	1.36	1001
Efficiency	128lm/W	4	1.05	594
Beam	4020lm	5	1.91	362

Certificate	Driver	Colour	3000K	4000K
ENEC	EL	○	<b>1T3694</b>	
ENEC	EL	●	<b>1T3695</b>	
	DALI	○	<b>1T3694DA</b>	<b>1T5327DA</b>
	DALI	●	<b>1T3695DA</b>	<b>1T5328DA</b>
	EL	○		<b>1T5327</b>
	EL	●		<b>1T5328</b>

**LED / 50W / REFLECTOR / WFL / CRI97**

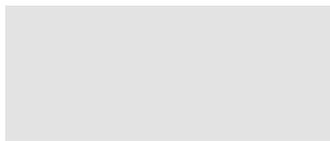


	3000K	4000K	5000K	6000K
Beam	33°			
Fixture Power	50W	5	0.99	4020
Mounting	5024mm	4	1.01	1111
Fixture Size	440mm	4	1.36	772
Efficiency	90lm/W	4	1.05	424
Beam	4020lm	5	1.91	278

Certificate	Driver	Colour	3000K	4000K
ENEC	EL	○	<b>1T4255</b>	
ENEC	EL	●	<b>1T4256</b>	
	DALI	○	<b>1T4255DA</b>	<b>1T5335DA</b>
	DALI	●	<b>1T4256DA</b>	<b>1T5336DA</b>
	EL	○		<b>1T5335</b>
	EL	●		<b>1T5336</b>

## Accessories

### Screen

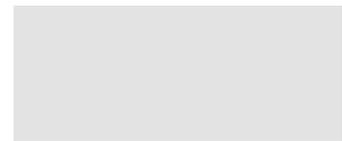


Code

**1T6523**

Protective screen.

### Grid

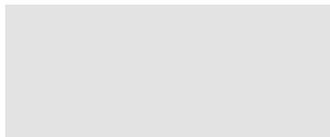


Code

**1T6918**

Anti-glare louver.  
Black painted metal honeycomb structure.

### Ray Shade



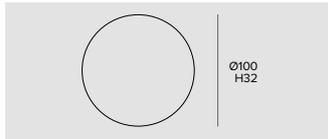
Code

**1T3696**

Adjustable barn doors flaps.

# RAY

## Adapter



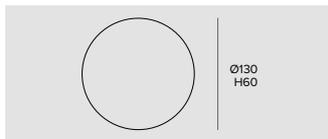
Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	●	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
118	38	DALI	○	<b>9000/BPU-D-W</b>
118	38	DALI	●	<b>9000/BPU-D-B</b>
118	38	DALI	●	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.



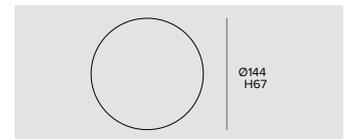
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	●	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.

**1T2222** - To be completed with 1T2220.

**1T2223** - To be completed with 1T2221.

**1T2224** - To be completed with 1T2219.



Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.

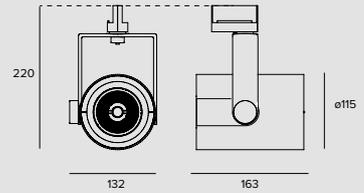
**9000/BRU-G** - To be completed with 9000/BPU-D-G.

**9000/BRU-W** - To be completed with 9000/BPU-D-W.

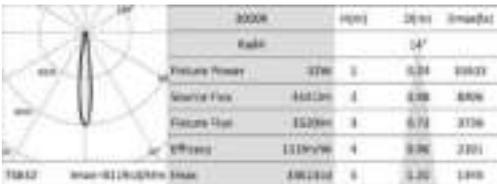
**9000/BRU-B** - To be completed with 9000/BPU-D-B.



# Mini

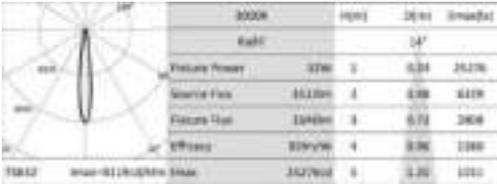


## LED / 30W / REFLECTOR / SP / CRI84



Certificate	Driver	Colour	3000K	4000K
ENEC	EL.	○	<b>1T4201</b>	
ENEC	EL.	●	<b>1T4197</b>	
	DALI	○	<b>1T4201DA</b>	<b>1T5340DA</b>
	DALI	●	<b>1T4197DA</b>	<b>1T5337DA</b>
	EL.	○		<b>1T5340</b>
	EL.	●		<b>1T5337</b>

## LED / 30W / REFLECTOR / SP / CRI97



Certificate	Driver	Colour	3000K	4000K
ENEC	EL.	○	<b>1T4260</b>	
ENEC	EL.	●	<b>1T4257</b>	
	DALI	○	<b>1T4260DA</b>	<b>1T5346DA</b>
	DALI	●	<b>1T4257DA</b>	<b>1T5343DA</b>
	EL.	○		<b>1T5346</b>
	EL.	●		<b>1T5343</b>

## LED / 30W / REFLECTOR / FL / CRI84



Certificate	Driver	Colour	3000K	4000K
ENEC	EL.	○	<b>1T4202</b>	
ENEC	EL.	●	<b>1T4198</b>	
	DALI	○	<b>1T4202DA</b>	<b>1T5341DA</b>
	DALI	●	<b>1T4198DA</b>	<b>1T5338DA</b>
	EL.	○		<b>1T5341</b>
	EL.	●		<b>1T5338</b>

## LED / 30W / REFLECTOR / FL / CRI97



Certificate	Driver	Colour	3000K	4000K
ENEC	EL.	○	<b>1T4261</b>	
ENEC	EL.	●	<b>1T4258</b>	
	DALI	○	<b>1T4261DA</b>	<b>1T5347DA</b>
	DALI	●	<b>1T4258DA</b>	<b>1T5344DA</b>
	EL.	○		<b>1T5347</b>
	EL.	●		<b>1T5344</b>

## LED / 30W / REFLECTOR / MWFL / CRI84



Certificate	Driver	Colour	3000K	4000K
ENEC	EL.	○	<b>1T4203</b>	
ENEC	EL.	●	<b>1T4199</b>	
	DALI	○	<b>1T4203DA</b>	<b>1T5342DA</b>
	DALI	●	<b>1T4199DA</b>	<b>1T5339DA</b>
	EL.	○		<b>1T5342</b>
	EL.	●		<b>1T5339</b>

## LED / 30W / REFLECTOR / MWFL / CRI97

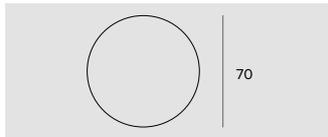


	3000K	4000K	5000K	6000K
Beam	40°	40°	40°	40°
Fixture Power	32W	3	3.9W	41W
Mounting Fix	16.1mm	4	5.67	1.884
Fixture Size	170mm	4	2.11	5.29
Efficiency	85lm/W	4	1.25	294
Beam 1000lm @ 10m	4337lm	6	4.18	108

Certificate	Driver	Colour	3000K	4000K
ENEC	EL.	○	<b>1T4262</b>	
ENEC	EL.	●	<b>1T4259</b>	
	DALI	○	<b>1T4262DA</b>	<b>1T5348DA</b>
	DALI	●	<b>1T4259DA</b>	<b>1T5345DA</b>
	EL.	○		<b>1T5348</b>
	EL.	●		<b>1T5345</b>

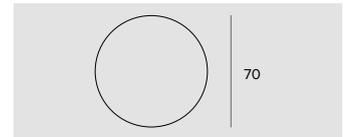
## Accessories

### Filter



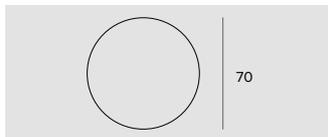
Filter	Ø	Code
Red	70	<b>1T1712</b>
Green	70	<b>1T1713</b>
Blue	70	<b>1T1714</b>
Yellow	70	<b>1T1715</b>
Magenta	70	<b>1T1716</b>

Flat glass interference chromatic filter.  
To be completed with an additional holder ring.



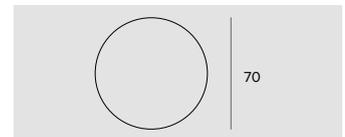
Filter	Ø	Code
	70	<b>1T1708</b>

Flat striped glass blade light refractive filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with an additional holder ring.



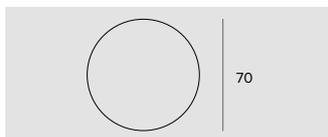
Filter	Ø	Code
	70	<b>1T1709</b>

Flat glass wired refractive diffusive filter.  
This softens the luminous effect.  
To be completed with an additional holder ring.



Filter	Ø	Code
Halogen +	70	<b>1T6506</b>
Vivid +	70	<b>1T6507</b>

Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	<b>1T6508</b>
Fish	70	<b>1T6509</b>
Bread	70	<b>1T6510</b>
Vegetables	70	<b>1T6511</b>

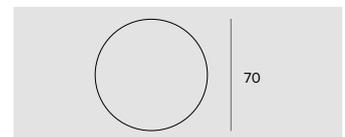
Food filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be completed with an additional holder ring.

**1T6508**  
To be used only with 3000K and Ra80 fixtures.

**1T6509**  
To be used only with 4000K and Ra80 fixtures.

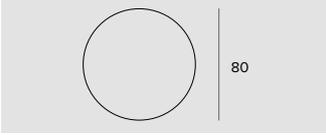
**1T6510**  
To be used only with 3000K and Ra80 fixtures.

**1T6511**  
To be used only with 3000K and Ra80 fixtures.

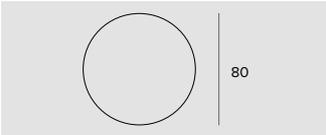


Filter	Ø	Code
Beauty	70	<b>1T6512</b>

Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.  
To be completed with an additional holder ring.

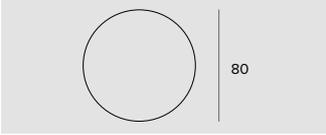
Screen				
				
	Ø	Code		
	80	<b>1T6522</b>		

Protective screen.

Zoom				
				
	Ø	Code		
	80	<b>1T3432</b>		

Zoom.

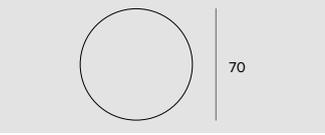
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It makes it possible to obtain a variable beam from 15° to 60°.  
It can not be used with NSP and hybrid optics; no for DBS version.

Screen				
				
	Ø	Code		
	80	<b>1T3143</b>		

Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

Adapter					
					
	Ø	H	Driver	Colour	Code
	100	32	EL.	○	<b>1T2221</b>
	100	32	EL.	●	<b>1T2220</b>
	100	32	EL.	●	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.

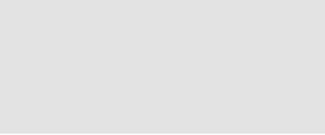
Grid				
				
	Ø	Code		
	70	<b>1T1711</b>		

Anti-glare louver.  
Black painted metal honeycomb structure.  
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9 and Keplero Mini HE.

Cut-off				
				
	Ø	Code		
	80	<b>1T3142</b>		

Cut-off Tube.

Allows for the beam to be focused while removing the fall-off component.  
No for DBS version.

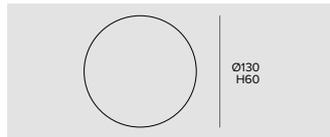
Holder Ring				
				
				Code
				<b>1T3727</b>

Transparent polycarbonate accessory holder ring.

					
	Ø	H	Driver	Colour	Code
	118	38	DALI	○	<b>9000/BPU-D-W</b>
	118	38	DALI	●	<b>9000/BPU-D-B</b>
	118	38	DALI	●	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.

# RAY



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	●	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.

**1T2222** - To be completed with 1T2220.

**1T2223** - To be completed with 1T2221.

**1T2224** - To be completed with 1T2219.



Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-G</b>

Recessed mounting adapter for electrified track type projectors.

**9000/BRU-G** - To be completed with 9000/BPU-D-G.

**9000/BRU-W** - To be completed with 9000/BPU-D-W.

**9000/BRU-B** - To be completed with 9000/BPU-D-B.



# Motorvillage

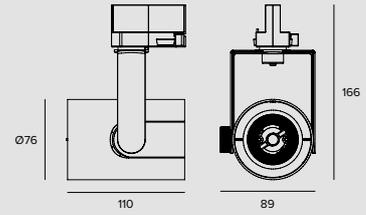
**Architect**  
Juan José Aristegui

**Photographer**  
Cristina Motilla

**Country**  
Lisboa - Portugal



## Micro



### LED / 12W / REFLECTOR / SP



	3000K	4000K	5000K	5600K
Kaali			17°	
Fixture Power	12W	2	0.80	9377
Mounting Fix	1844mm	4	0.58	2814
Fixture Size	1361mm	4	0.89	1086
Efficiency	123lm/W	4	0.10	611
3000K - 3000K Ra80 12W	4177lm	4	0.98	390

Driver	Colour	3000K	4000K
EL.	○	<b>1T6317</b>	<b>1T6319</b>
EL.	●	<b>1T6318</b>	<b>1T6320</b>

### LED / 12W / REFLECTOR / MWFL

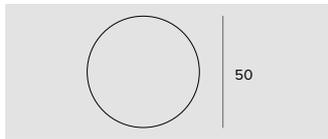


	3000K	4000K	5000K	5600K
Kaali			48°	
Fixture Power	12W	2	0.80	2628
Mounting Fix	1844mm	4	0.58	4617
Fixture Size	1361mm	4	0.89	1242
Efficiency	123lm/W	4	0.10	394
3000K - 3000K Ra80 12W	3678lm	4	0.98	385

Driver	Colour	3000K	4000K
EL.	○	<b>1T6321</b>	<b>1T6323</b>
EL.	●	<b>1T6322</b>	<b>1T6324</b>

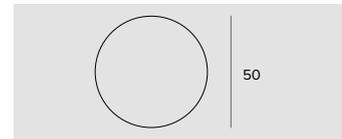
## Accessories

### Filter



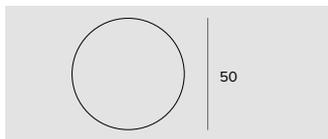
Filter	Ø	Code
Red	50	<b>49881</b>
Green	50	<b>49882</b>
Blue	50	<b>49886</b>
Yellow	50	<b>49887</b>
Magenta	50	<b>49959</b>

Flat glass interference chromatic filter.



Ø	Code
50	<b>1T4721</b>

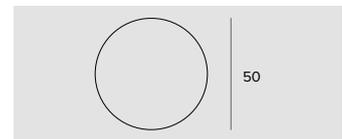
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.



Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6385**

To be used only with 3000K and Ra80 fixtures.

**1T6387**

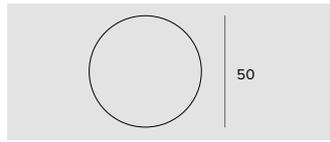
To be used only with 4000K and Ra80 fixtures.

**1T6389**

To be used only with 3000K and Ra80 fixtures.

**1T6391**

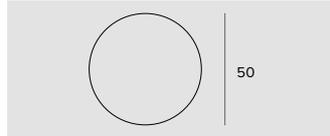
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	50	<b>1T6393</b>

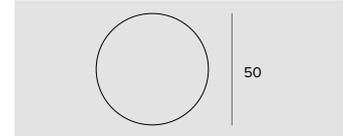
Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.

### Screen



Ø	Code
50	<b>1T6521</b>

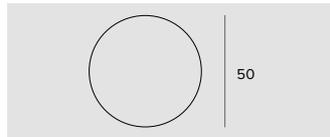
Protective screen.



Ø	Code
50	<b>1T4325</b>

Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

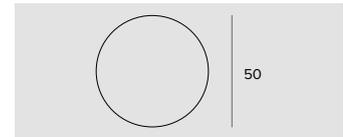
### Grid



Ø	Code
50	<b>1T4322</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

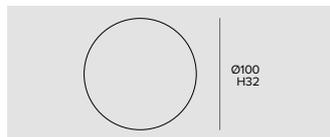
### Zoom



Ø	Code
50	<b>1T4324</b>

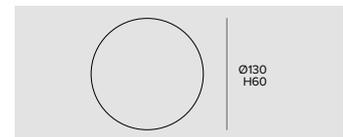
Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It can not be used with a narrow spot optic.  
It makes it possible to obtain a variable beam from 15° to 60°.

### Adapter



Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	◐	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	◐	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.  
**1T2222** - To be completed with 1T2220.  
**1T2223** - To be completed with 1T2221.  
**1T2224** - To be completed with 1T2219.

# EUROSTANDARD

## Plus

### GENERAL INFO

Eurostandard Plus 230V track.  
L. 1000mm – 2000mm – 3000mm

### POWER SUPPLY

Electronic – DALI

### MATERIAL

Electrified track in three lengths in extruded anodized aluminum or in extruded painted aluminium.  
Conductors in copper insulated in PVC.

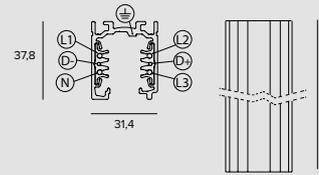
The Eurostandard Plus is a universal 230V track that is compatible with all projectors in the Targetti collection and with all projectors that conform with European standards.

A standard double and recessed version in three different lengths. It has a double fixing systems for ceiling and suspension installations with joints of various sizes and configurations to obtain infinite compositions.





## Standard

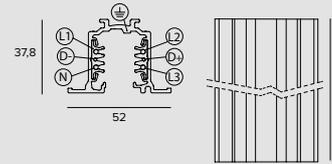


### STANDARD BNEC

	Kg	L	Colour	Code
	1.1	1000	○	<b>9000-1/W-ST</b>
	1.1	1000	●	<b>9000-1/B-ST</b>
	1.1	1000	●	<b>9000-1/G-ST</b>
	2.1	2000	○	<b>9000-2/W-ST</b>
	2.1	2000	●	<b>9000-2/B-ST</b>
	2.1	2000	●	<b>9000-2/G-ST</b>
	3.1	3000	○	<b>9000-3/W-ST</b>
	3.1	3000	●	<b>9000-3/B-ST</b>
	3.1	3000	●	<b>9000-3/G-ST</b>



## Recessed

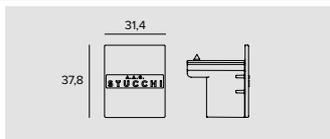


### RECESSED BNEC

	Kg	L	Colour	Code
	1.1	1000	○	<b>9000-1/W-R</b>
	1.1	1000	●	<b>9000-1/B-R</b>
	1.1	1000	●	<b>9000-1/G-R</b>
	2.2	2000	○	<b>9000-2/W-R</b>
	2.2	2000	●	<b>9000-2/B-R</b>
	2.2	2000	●	<b>9000-2/G-R</b>
	3.4	3000	○	<b>9000-3/W-R</b>
	3.4	3000	●	<b>9000-3/B-R</b>
	3.4	3000	●	<b>9000-3/G-R</b>

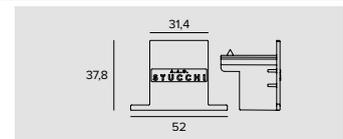
## Related codes

### End Caps



Colour	Code
○	<b>9004/W</b>
●	<b>9004/B</b>
●	<b>9004/G</b>

Dead end - Standard.

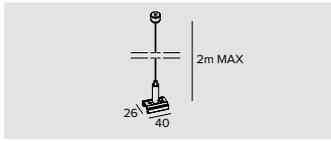


Colour	Code
○	<b>9004-R/W</b>
●	<b>9004-R/B</b>
●	<b>9004-R/G</b>

Dead end - recessed.

# EUROSTANDARD PLUS

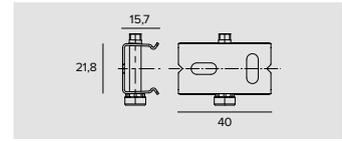
## Mounting System



Code

**S-9000KIT**

Suspension kit.  
L=2000mm

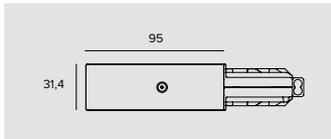


Code

**S-9000/111**

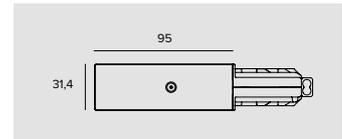
Ceiling mounting bracket.  
Galvanized steel.

## Power Supply



Colour	Code
○	<b>9001/W</b>
●	<b>9001/B</b>
●	<b>9001/G</b>

Lateral power supply.  
Polarity on the right.

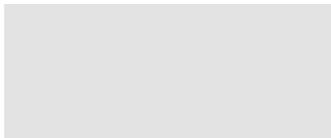


Colour	Code
○	<b>9002/W</b>
●	<b>9002/B</b>
●	<b>9002/G</b>

Lateral power supply.  
Polarity on the left.

## Accessories

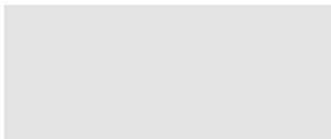
### End Caps



Colour	Code
○	<b>S-9001/115-W</b>
●	<b>S-9001/115-B</b>

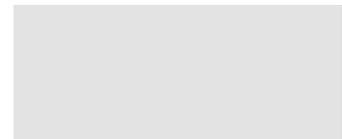
Seal for lateral power supply.  
PVC.  
For: 9001/...; 9002/...

### Bracket



Colour	Code
●	<b>S-9000/123</b>

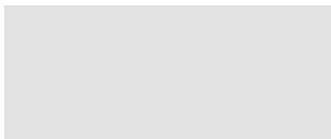
Rigid support bracket.



Driver	Colour	Code
EL.	○	<b>1T7007</b>
EL.	●	<b>1T7005</b>
EL.	●	<b>1T7009</b>
DALI	○	<b>1T7006</b>
DALI	●	<b>1T7004</b>
DALI	●	<b>1T7008</b>

Straight coupler for stability. For projectors with Eurostandard Plus.

**Tool**



Code

**S-9000/T**

Tool for shearing conductors, to be used if necessary to cut the track during installation.

**Power Supply**



Colour

Code

○

**9010/W**

●

**9010/B**

◐

**9010/G**

Central power supply.

**Electrical Connector**



Colour

Code

○

**9003/W**

●

**9003/B**

◐

**9003/G**

Linear joint.



Colour

Code

○

**9018/W**

●

**9018/B**

◐

**9018/G**

Flexible joint.



Colour

Code

○

**9011/W**

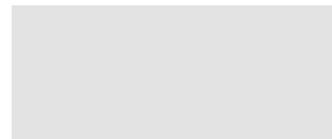
●

**9011/B**

◐

**9011/G**

L joint.  
Internal polarity.



Colour

Code

○

**9012/W**

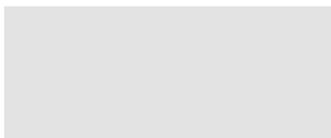
●

**9012/B**

◐

**9012/G**

L joint.  
External polarity.



Colour

Code

○

**9013/W**

●

**9013/B**

◐

**9013/G**

T joint.  
External polarity and on the left.



Colour

Code

○

**9014/W**

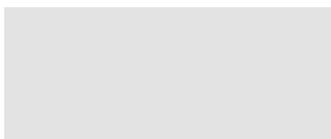
●

**9014/B**

◐

**9014/G**

T joint.  
External polarity and on the right.



Colour

Code

○

**9015/W**

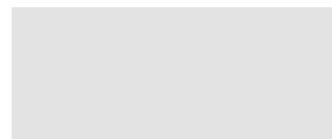
●

**9015/B**

◐

**9015/G**

T joint.  
Internal polarity and on the left.



Colour

Code

○

**9016/W**

●

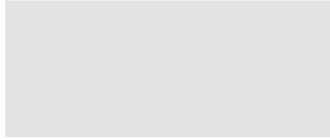
**9016/B**

◐

**9016/G**

T joint.  
Internal polarity and on the right.

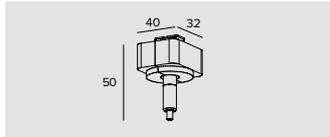
# EUROSTANDARD PLUS



Colour	Code
	<b>9017/W</b>
	<b>9017/B</b>
	<b>9017/G</b>

X joint.

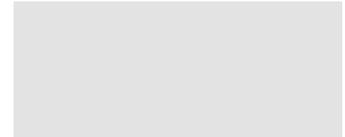
## Mounting System



Colour	Code
	<b>S-9000/M-W-KIT</b>
	<b>S-9000/M-B-KIT</b>
	<b>S-9000/M-G-KIT</b>

Adapter for suspension installation.

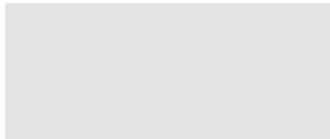
## Adapter



Colour	Code
	<b>9009/W</b>
	<b>9009/B</b>
	<b>9009/G</b>

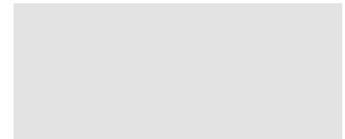
Adapter for power supply.  
Allows for power supply from a Eurostandard Plus track.

## Cover Panel



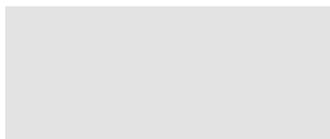
Colour	Code
	<b>S-9001-R/6-W</b>
	<b>S-9001-R/6-B</b>
	<b>S-9001-R/6-G</b>

False ceiling cover for lateral power supply.  
Polycarbonate body.  
For: 9001/...; 9002/...



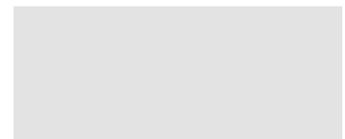
Colour	Code
	<b>S-9010-R/6-W</b>
	<b>S-9010-R/6-B</b>
	<b>S-9010-R/6-G</b>

False ceiling cover for central power supply.  
Polycarbonate body.  
For: 9010/...



Colour	Code
	<b>S-9011-R/6-W</b>
	<b>S-9011-R/6-B</b>
	<b>S-9011-R/6-G</b>

False ceiling cover for L connector.  
Polycarbonate body.  
For: 9011/...; 9012/...



Colour	Code
	<b>S-9013-R/6-W</b>
	<b>S-9013-R/6-B</b>
	<b>S-9013-R/6-G</b>

False ceiling cover for T connector.  
Polycarbonate body.  
For: 9013/...; 9014/...; 9015/...; 9016/...



Colour	Code
	<b>S-9017-R/6-W</b>
	<b>S-9017-R/6-B</b>
	<b>S-9017-R/6-G</b>

False ceiling cover for X connector.  
Polycarbonate body.  
For: 9017.

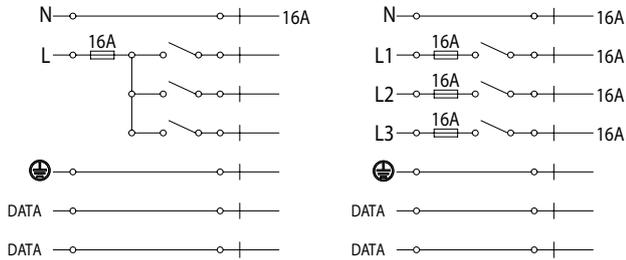


L	Colour	Code
1000		<b>S-9000/GP-W</b>
1000		<b>S-9000/GP-B</b>
1000		<b>S-9000/GP-G</b>

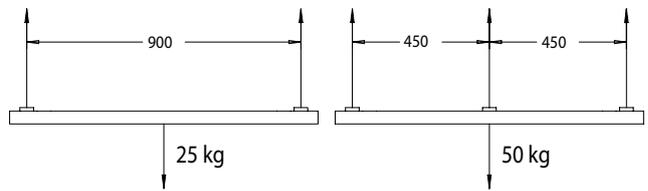
Cover profile.

## ELECTRICAL SCHEME

During the wiring the electrical scheme of picture must be followed.

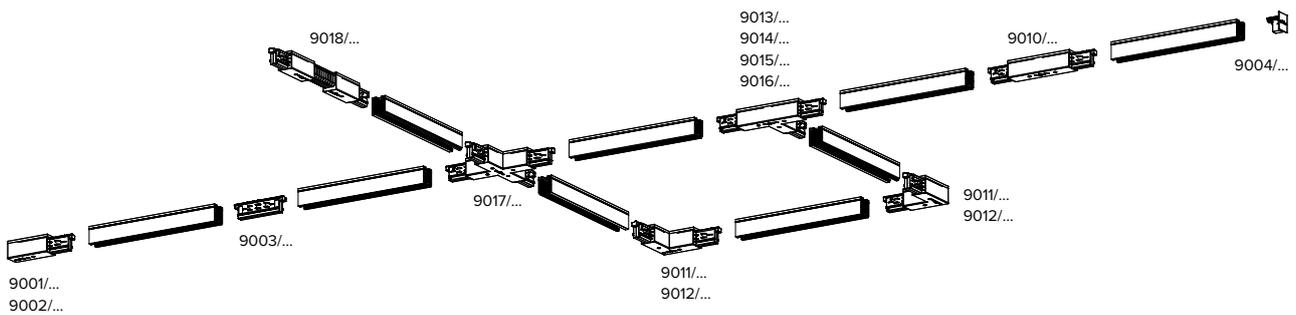


## LOAD SCHEME

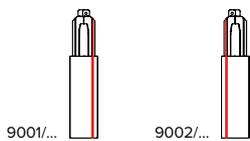


## INSTALLATION

There is a polarity on the lighting track to guarantee the right connection of the multiple pieces of the track. Also end-feeds and connection joints have a polarity that must be taken into account in order to choose the right component. In the catalogue sketches of this articles, the position of the polarity is highlighted with a red line.



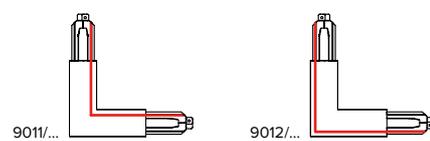
### LATERAL POWER SUPPLIES



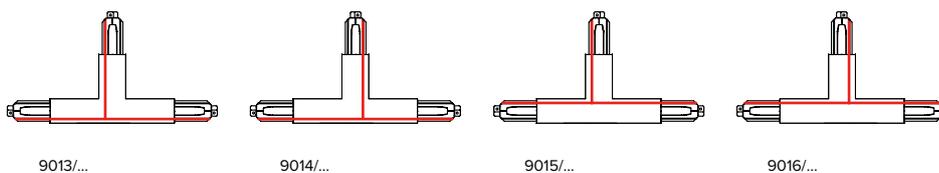
### CENTRAL POWER SUPPLIES



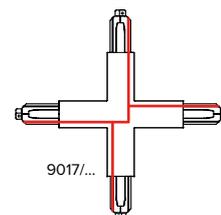
### "L" JOINT



### "T" JOINT



### "X" JOINT



# JEDI

## Compact Indoor

### GENERAL INFO

Adjustable linear LEC projector.  
41x37,5mm (excluded driver)  
41x79mm (included driver)  
Lunghezze 300mm – 600mm  
900mm – 1200mm

### LED

Linear boards  
From 1410lm to 6360lm  
2700K – 3000K – 3500K – 4000K  
Ra90

### PRODUCT EFFICACY

Up to 106lm/W

### OPTICS

FL – GRAZING – WALL WASHER

### POWER SUPPLY

Electronic – DALI  
Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Extruded anodised aluminium 15µ body. 1.8mm thick polycarbonate removable (to insert accessories) flat screen. Removable driver box. The body of the fixture is adjustable and can be installed away from the mounting surface using accessory brackets.

Is the compact, high performance linear LED fixture, suitable for installation in small grooves or on particularly thin frames. Depending on the chosen optic it is suitable for general lighting in pedestrian area, vaulted ceilings and vertical surfaces. It is complete with a removable driver to be positioned in the event of installation in reduced spaces. The L. 300mm version is also complete with a remote driver.

If equipped with special brackets the projector can be adjusted up to +/-145°.

Also available in an IP67 outdoor version.



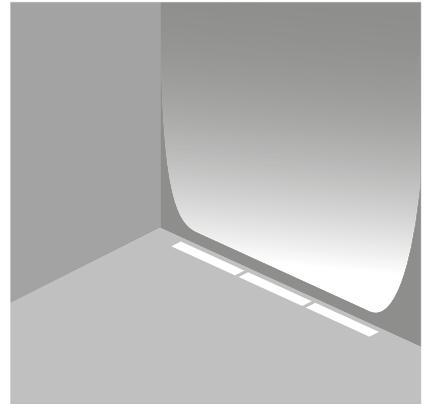


# Sala Zuccari

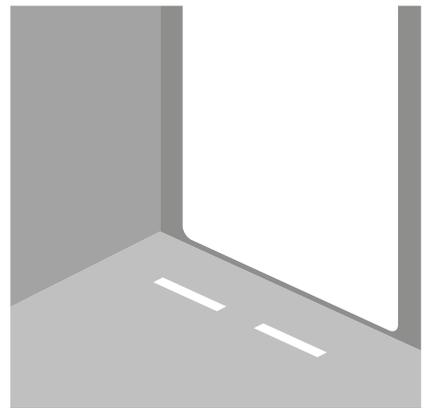
Palazzo Giustiniani

**Photographer**  
Alessandro Maurelli

**Country**  
Rome - Italy



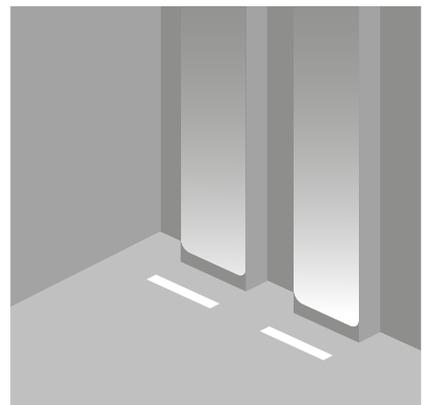
Grazing



Wall washer

## The extensive range of optics

Makes it possible to obtain different lighting effects according to needs and installation type. It is also possible to accessorise it with a special grill that in addition to limiting any risk of glare, also makes it possible to modify the beam emission and create other lighting effects.



Flood

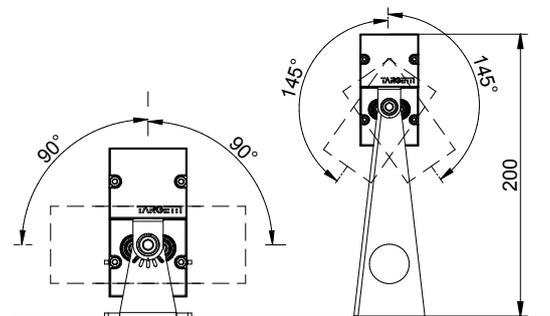


## The Grazing optic versions

Is the most suitable solution for lighting vertical surfaces. Installed in continuous rows it makes it possible to obtain seamless uniform lighting.

## Wide rotation

If equipped with special brackets the projector can be adjusted up to  $\pm 145^\circ$ .



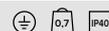
# JEDI COMPACT



## IP40 Remote driver L. 289mm



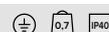
### LED / 12W / FLOOD



Beam Angle	Beam Diameter	3000K		4000K	
		Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
120°	1000mm	1.20	1.20	1.20	1.20
90°	1000mm	1.73	1.73	1.73	1.73
60°	1000mm	2.31	2.31	2.31	2.31
30°	1000mm	4.62	4.62	4.62	4.62

Power Supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1T6747</b>	<b>1T6748</b>	<b>1T6749</b>	<b>1T6750</b>

### LED / 12W / GRAZING



Beam Angle	Beam Diameter	3000K		4000K	
		Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
120°	1000mm	1.20	1.20	1.20	1.20
90°	1000mm	1.73	1.73	1.73	1.73
60°	1000mm	2.31	2.31	2.31	2.31
30°	1000mm	4.62	4.62	4.62	4.62

Power Supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1T6751</b>	<b>1T6752</b>	<b>1T6753</b>	<b>1T6754</b>

### LED / 12W / WALL WASHER

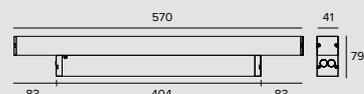


Beam Angle	Beam Diameter	3000K		4000K	
		Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
120°	1000mm	1.20	1.20	1.20	1.20
90°	1000mm	1.73	1.73	1.73	1.73
60°	1000mm	2.31	2.31	2.31	2.31
30°	1000mm	4.62	4.62	4.62	4.62

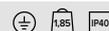
Power Supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1T6755</b>	<b>1T6756</b>	<b>1T6757</b>	<b>1T6758</b>



## IP40 Integrated-removable driver L. 570mm



### LED / 24W / FLOOD



Beam Angle	Beam Diameter	3000K		4000K	
		Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
120°	1000mm	1.20	1.20	1.20	1.20
90°	1000mm	1.73	1.73	1.73	1.73
60°	1000mm	2.31	2.31	2.31	2.31
30°	1000mm	4.62	4.62	4.62	4.62

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6759EL</b>	<b>1T6760EL</b>	<b>1T6761EL</b>	<b>1T6762EL</b>
DALI	●	<b>1T6759DA</b>	<b>1T6760DA</b>	<b>1T6761DA</b>	<b>1T6762DA</b>

**LED / 24W / GRAZING**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152082	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6763EL</b>	<b>1T6764EL</b>	<b>1T6765EL</b>	<b>1T6766EL</b>
DALI	●	<b>1T6763DA</b>	<b>1T6764DA</b>	<b>1T6765DA</b>	<b>1T6766DA</b>

**LED / 24W / WALL WASHER**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152083	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6767EL</b>	<b>1T6768EL</b>	<b>1T6769EL</b>	<b>1T6770EL</b>
DALI	●	<b>1T6767DA</b>	<b>1T6768DA</b>	<b>1T6769DA</b>	<b>1T6770DA</b>



**IP40**  
**Integrated-removable**  
**driver L. 850mm**



**LED / 36W / FLOOD**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152079	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6771EL</b>	<b>1T6772EL</b>	<b>1T6773EL</b>	<b>1T6774EL</b>
DALI	●	<b>1T6771DA</b>	<b>1T6772DA</b>	<b>1T6773DA</b>	<b>1T6774DA</b>

**LED / 36W / GRAZING**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152081	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6775EL</b>	<b>1T6776EL</b>	<b>1T6777EL</b>	<b>1T6778EL</b>
DALI	●	<b>1T6775DA</b>	<b>1T6776DA</b>	<b>1T6777DA</b>	<b>1T6778DA</b>

**LED / 36W / WALL WASHER**



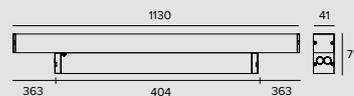
Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152084	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam
	Beam	Beam	Beam	Beam

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6779EL</b>	<b>1T6780EL</b>	<b>1T6781EL</b>	<b>1T6782EL</b>
DALI	●	<b>1T6779DA</b>	<b>1T6780DA</b>	<b>1T6781DA</b>	<b>1T6782DA</b>

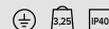
# JEDI COMPACT



## IP40 Integrated-removable driver L. 1130mm



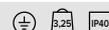
### LED / 48W / FLOOD



Beam Angle	3000K		4000K	
	Beam	Beam	Beam	Beam
15°	1800lm	1.80	2.27	4390
30°	3600lm	3.60	4.54	8780
45°	5400lm	5.40	6.81	13170
60°	7200lm	7.20	9.08	17560
75°	9000lm	9.00	11.35	21950
90°	10800lm	10.80	13.62	26340

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6783EL</b>	<b>1T6784EL</b>	<b>1T6785EL</b>	<b>1T6786EL</b>
DALI	●	<b>1T6783DA</b>	<b>1T6784DA</b>	<b>1T6785DA</b>	<b>1T6786DA</b>

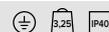
### LED / 48W / GRAZING



Beam Angle	3000K		4000K	
	Beam	Beam	Beam	Beam
15°	1800lm	1.80	2.26	4320
30°	3600lm	3.60	4.51	8640
45°	5400lm	5.40	6.77	12960
60°	7200lm	7.20	9.02	17280
75°	9000lm	9.00	11.27	21600
90°	10800lm	10.80	13.52	25920

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6787EL</b>	<b>1T6788EL</b>	<b>1T6789EL</b>	<b>1T6790EL</b>
DALI	●	<b>1T6787DA</b>	<b>1T6788DA</b>	<b>1T6789DA</b>	<b>1T6790DA</b>

### LED / 48W / WALL WASHER

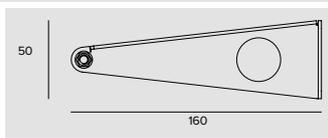


Beam Angle	3000K		4000K	
	Beam	Beam	Beam	Beam
15°	1800lm	1.80	2.23	4254
30°	3600lm	3.60	4.46	8508
45°	5400lm	5.40	6.69	12762
60°	7200lm	7.20	8.92	17016
75°	9000lm	9.00	11.15	21270
90°	10800lm	10.80	13.38	25524

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T6791EL</b>	<b>1T6792EL</b>	<b>1T6793EL</b>	<b>1T6794EL</b>
DALI	●	<b>1T6791DA</b>	<b>1T6792DA</b>	<b>1T6793DA</b>	<b>1T6794DA</b>

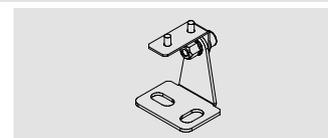
## Related codes

### Bracket



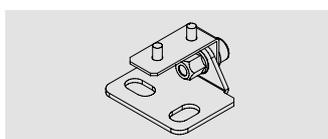
Code  
**1T6940**

Long bracket kit for surface installation (2 pieces).  
Rotation +/-145°.



H Code  
52 **1T6800**

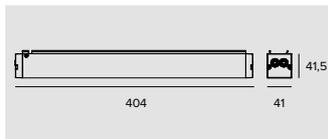
Medium bracket kit for surface installation (2 pieces).  
Integrated driver version.  
Rotation +/-90°.



H Code  
24 **1T6799**

Short bracket kit for surface installation (2 pieces).  
Remote driver version.  
Rotation +/-50°.

## Power Supply



L	P	H	Driving current	Driver	Code
404	41	47	500mA	EL.	<b>1T6797EL</b>
404	41	47	500mA	EL.	<b>1T6798EL</b>
404	41	47	500mA	DALI	<b>1T6797DA</b>
404	41	47	500mA	DALI	<b>1T6798DA</b>

Driver box.

L. 289mm version.

**1T6797EL** - n° 1 JEDI COMPACT

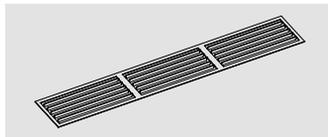
**1T6798EL** - n° 2-4 JEDI COMPACT

**1T6797DA** - n° 1 JEDI COMPACT

**1T6798DA** - n° 2-4 JEDI COMPACT

## Accessories

### Grid

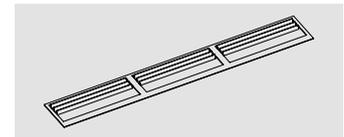


L	Code
278	<b>1T6795</b>

Symmetrical anti-glare grill.

For Flood and Grazing versions.

To be ordered in the following quantities for every fixture length: 1 for the 289mm version, 2 for the 570mm version, 3 for the 850mm version and 4 for the 1130mm version.



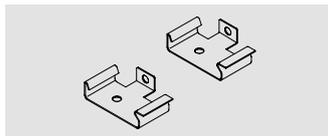
L	Code
278	<b>1T6796</b>

Asymmetrical anti-glare grill.

For Wall Washer versions.

To be ordered in the following quantities for every fixture length: 1 for the 289mm version, 2 for the 570mm version, 3 for the 850mm version and 4 for the 1130mm version.

### Bracket



Code

**1T6806**

Bracket kit for surface installation of the driver box (2 pieces).

Snap brackets.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.

It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.

It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# ZENO

## Wall mounted

### GENERAL INFO

Asymmetric adjustable projector  
MEDIUM Ø134mm  
LARGE Ø184mm

### LED

Chip on Board  
From 2602lm to 5121lm  
3000K - 4000K  
Ra97

### PRODUCT EFFICACY

Up to 54lm/W

### OPTICS

WW

### POWER SUPPLY

Electronic – DALI  
Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Die-cast painted aluminium optical unit and power supply box.

A range of professional projectors especially for museum lighting, given the quality of the LED sources, the cutting edge optics and installation flexibility.

The wall washer optics is particularly suitable for lighting vaulted ceilings.

The optical unit can be adjusted from 0 to -90° on the vertical plane; and 355° on the horizontal plane with aiming blocking system. Available in two different sizes.

Also available in the projector and recessed versions.





# Merendoni Palace

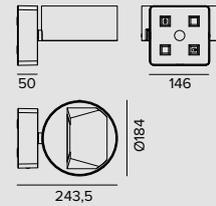
**Photographer**  
Ivan Rossi

**Country**  
Bologna - Italy

# ZENO



## Applique Large



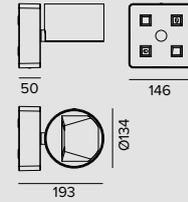
LED / 52W / WALL WASHER						
	3000K	40°	90°	Driver	Colour	
	4000K			EL.	○	
	Fixture Power	52W	1.20	1.30	1T6313EL	1T6314EL
	Mounting Fix	400mm	1.50	1.60	EL.	●
	Fixture Size	146mm	1.20	1.30	DALI	○
	Efficiency	110lm/W	4.00	4.30	DALI	●
3000K	4000K	3000K	4000K	3000K	4000K	

## Accessories

Control systems	
Code	Code
<b>1T5349</b>	<b>1T5352</b>
<p>Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.</p>	<p>IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.</p>



## Applique Medium



### LED / 26W / WALL WASHER

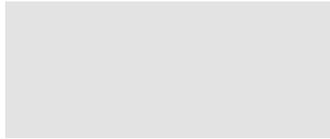


	3000K	4000K	
Beam	34°	34°	34°
Fixture Power	26W	1.00	1.00
Mounting	180mm	1.21	1.20
Mounting Hole	183mm	1.21	1.21
Weight	0.23kg	0.21	0.21
Max. Cable Length	100m	1.20	1.20

Driver	Colour	3000K	4000K
EL.	○	<b>1T6309EL</b>	<b>1T6310EL</b>
EL.	●	<b>1T6311EL</b>	<b>1T6312EL</b>
DALI	○	<b>1T6309DA</b>	<b>1T6310DA</b>
DALI	●	<b>1T6311DA</b>	<b>1T6312DA</b>

## Accessories

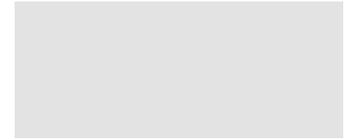
### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# VOLTA

## GENERAL INFO

Professional adjustable LED projector for wall or cornice installation.  
184mmx86,5mm

## LED

Elliptical and asymmetrical optic:  
LED Chip on board  
NSP optic: LED Emitter  
From 650lm to 3187lm  
3000K  
Ra80 – Ra84

## PRODUCT EFFICACY

Up to 110lm/W

## OPTICS

NSP – ASYM – ELLIPTICAL

## POWER SUPPLY

Electronic – DALI  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Body in extruded anodized aluminium, optic unit and terminal in die cast powder coated aluminium. Ultra flat protection screen in tempered glass. Bracket in stainless steel predisposed for surface installation.

Professional adjustable LED projector for wall or cornice installation, particularly suitable for lighting historical buildings of great artistic value.

It can be installed on cornices for lighting vaulted ceilings or pedestrian areas. Available in various colour variants that have been carefully studied to insert the fixture into historical architectural contexts.

All versions can be installed indoor as well as outdoor (IP66).

To be completed with remote driver.



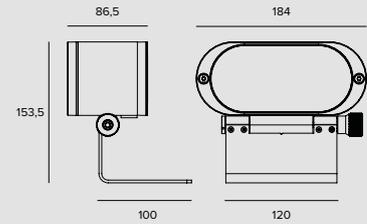


# Palazzo Merendoni

**Photographer**  
Ivan Rossi

**Country**  
Bologna - Italy

# VOLTA



## LED / 8W / NSP



Beam	3000K	H(m)		D(m)		Iraa(lx)
		45°	30°	45°	30°	
180°	8W	1.70	2	0.34	1.00	1000
180°	8W	4.00	4	0.32	3.00	1000
180°	8W	4.00	4	0.30	3.00	1000
180°	8W	4.00	4	0.30	3.00	1000

Power supply	Colour	3000K
900mA	Yellow	<b>1T4632</b>
900mA	Grey	<b>1T4633</b>
900mA	Brown	<b>1E2565</b>
900mA	Blue	<b>1E2566</b>

## LED / 21/33W / ASYM



Beam	3000K	H(m)		D(m)		Iraa(lx)
		45°	30°	45°	30°	
180°	21W	1.70	2	0.31	1.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000

Power supply	Colour	3000K
600/900mA	Yellow	<b>1T4634</b>
600/900mA	Grey	<b>1T4635</b>
600/900mA	Brown	<b>1E2567</b>
600/900mA	Blue	<b>1E2568</b>

Beam	3000K	H(m)		D(m)		Iraa(lx)
		45°	30°	45°	30°	
180°	21W	1.70	2	0.31	1.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000

## LED / 21/33W / ELLIPTICAL



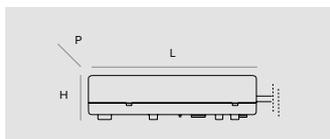
Beam	3000K	H(m)		D(m)		Iraa(lx)
		45°	30°	45°	30°	
180°	21W	1.70	2	0.29	1.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000

Power supply	Colour	3000K
600/900mA	Yellow	<b>1T4636</b>
600/900mA	Grey	<b>1T4637</b>
600/900mA	Brown	<b>1E2569</b>
600/900mA	Blue	<b>1E2570</b>

Beam	3000K	H(m)		D(m)		Iraa(lx)
		45°	30°	45°	30°	
180°	21W	1.70	2	0.29	1.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000
180°	21W	4.00	4	0.21	3.00	1000

## Related codes

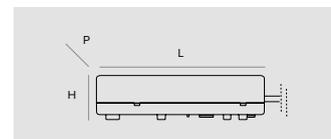
### Power Supply



Code

32W - 110-240V, 600mA - IP20 - 160x35x83mm	<b>1T3625</b>
43W - 220-240V, 600mA - IP68 - 150x40x148mm	<b>1E2571</b>
50W - 220-240V, 900mA - IP20 - 160x35x83mm	<b>1T2966</b>
50W - 220-240V, 900mA - IP68 - 150x40x148mm	<b>1E2573</b>

Electronic power supply  
LxHxP



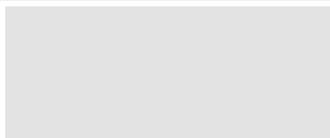
Code

32W - 110-240V, 600mA - IP20 - 160x35x83mm	<b>1T3627</b>
43W - 220-240V, 600mA - IP68 - 150x40x148mm	<b>1E2572</b>
50W - 110-240V, 900mA - IP20 - 160x35x83mm	<b>1T2968</b>
50W - 220-240V, 900mA - IP68 - 150x40x148mm	<b>1E2574</b>

DALI electronic power supply  
LxHxP

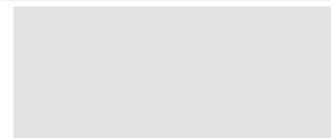
## Accessories

### Filter



Colour	Code
	<b>1T4638</b>
	<b>1T4639</b>
	<b>1E2575</b>
	<b>1E2576</b>

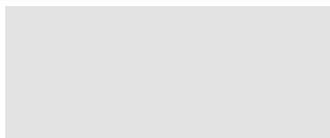
Blade of light filter.  
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.  
For NSP optic.



Colour	Code
	<b>1T4640</b>
	<b>1T4641</b>
	<b>1E2577</b>
	<b>1E2578</b>

Anti-glare.  
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.  
NSP, ASYM, ELLIPTICAL

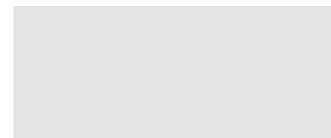
### Screen



Colour	Code
	<b>1T4642</b>
	<b>1T4643</b>
	<b>1E2579</b>
	<b>1E2580</b>

Asymmetric screen.  
Powder coated stainless steel.  
NSP

### Emergency Kit



Code
<b>1T3144</b>

Emergency kit.  
Inverter + 3h battery pack.  
IP20.

# VOLTA

## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.



# Palazzo Merendoni

**Photographer**  
Ivan Rossi

**Country**  
Bologna - Italy

# CORO

## GENERAL INFO

Professional adjustable LED projector for wall or cornice installation.

Sistema de disipación pasiva. Posibilidad de orientación del cuerpo óptico de +/- 165° en plano horizontal y de +/-180° en plano vertical, con bloqueo. Ø82mm – Ø119mm

## LED

Chip on board

From 200lm to 7130lm

3000K

Ra80 (only NSP optic) – Ra84 – Ra97

## PRODUCT EFFICACY

Up to114lm/W

## OPTICS

NSP (only Small version) – SP – FL

MWFL – WFL

DBS - Digital beam opening control

## POWER SUPPLY

Electronic – DALI - Casambi on board

## MATERIAL

CORO large: Body in die cast aluminium, front ring and joints in aluminium powder coated.

CORO Small: Body, front ring and joints in aluminium powder coated.

A range of cornice, capital and shelf projectors particularly suitable for installation in prestigious architectural environments where it is necessary to light the space without interfering with the architecture in any way.

Available in two different sizes - Large and Small - each with two different length arms and three different fixing systems that increase installation flexibility.

There is also a DBS - Dynamic Beam Shaper- version - for the Coro Large version only.

		CORO Large	CORO Small
		Ø 119mm	Ø 82mm
LED	Flux (lm)	2783-7130	200-2509
	Power	25W-55W	2.7W-18W

## OPTICS

NSP	Lens		•
	Lens		•
SP	Hybrid	•	
	Reflector	•	•
FL	Lens		•
	Hybrid	•	
	Reflector	•	
MWFL	Reflector	•	
WFL	Reflector	•	
DBS	Variable	•	





# Saint Germain des Prés

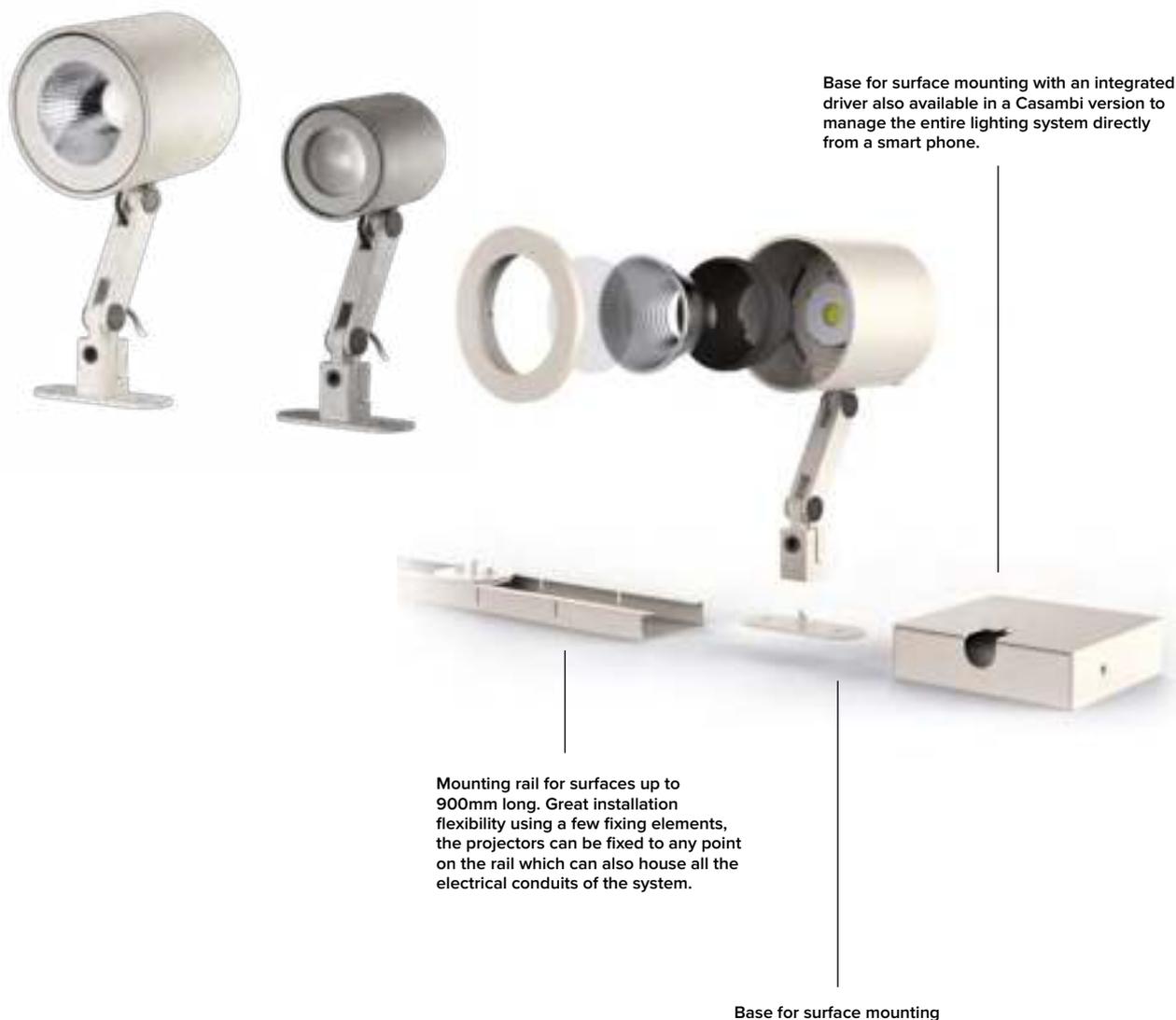
**Lighting Design**  
Armand Zadkian

**Photographer**  
Hugo Hebrard

**Country**  
Paris - France

01

02



Base for surface mounting with an integrated driver also available in a Casambi version to manage the entire lighting system directly from a smart phone.

Mounting rail for surfaces up to 900mm long. Great installation flexibility using a few fixing elements, the projectors can be fixed to any point on the rail which can also house all the electrical conduits of the system.

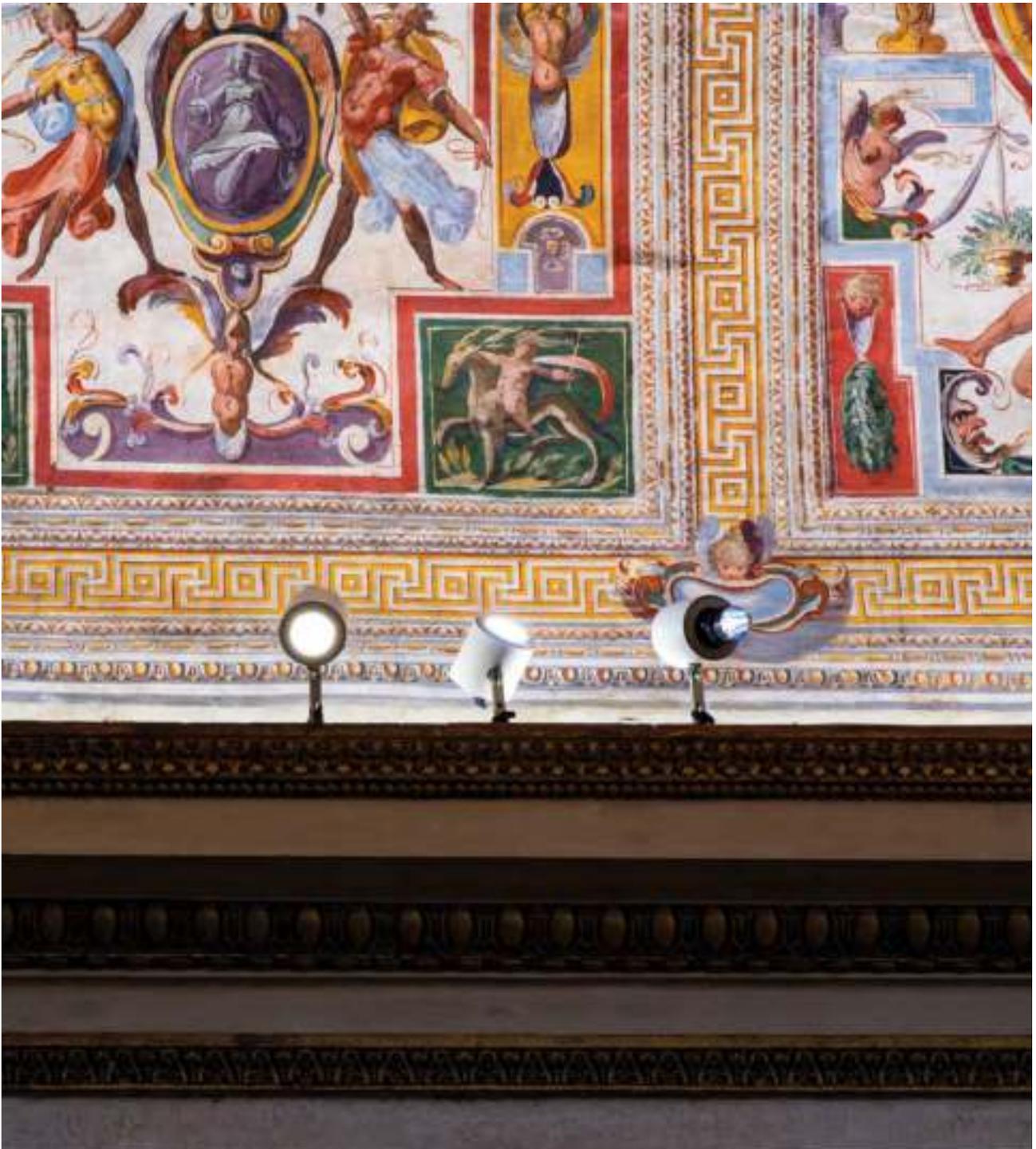
Base for surface mounting

## Coro available in two different sizes

and two different finishes: sandstone grey and Florentine white, two colours that integrate perfectly in historical contexts.

The flexibility of the fixture is best represented by its fixing system.

Three different solutions for as many types of installation.



# Sala Zuccari

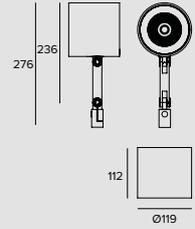
Palazzo Giustiniani

**Photographer**  
Alessandro Maurelli

**Country**  
Rome - Italy



## Large long arm



### LED / 34W / HYBRID / SP / CRI84



		3000K	H(m)	D(m)	Area(m <sup>2</sup> )
		Ka01			
		33°			
Fixture Power	27W	3	0.23	4.136	
Source Flux	4410lm	4	0.55	10.706	
Fixture Flux	1304lm	3	0.69	4.178	
Efficiency	78lm/W	4	3.02	25.75	
TM219	Area=13.04lm/m <sup>2</sup> Flux	4.2186m <sup>2</sup>	3	3.14	1.698

Power supply	Colour	3000K
900mA		<b>1T4785</b>
900mA		<b>1T4787</b>

### LED / 34W / HYBRID / SP / CRI97



		3000K	H(m)	D(m)	Area(m <sup>2</sup> )
		Ka01			
		33°			
Fixture Power	27W	3	0.23	4.136	
Source Flux	4410lm	4	0.55	10.706	
Fixture Flux	1319lm	3	0.69	3.871	
Efficiency	88lm/W	4	3.02	18.87	
TM219	Area=13.19lm/m <sup>2</sup> Flux	3.8811m <sup>2</sup>	3	3.14	1.714

Power supply	Colour	3000K
900mA		<b>1T5312</b>
900mA		<b>1T5314</b>

### LED / 34W / HYBRID / FL / CRI84



		3000K	H(m)	D(m)	Area(m <sup>2</sup> )
		Ka01			
		33°			
Fixture Power	27W	3	0.58	9.894	
Source Flux	4410lm	4	1.17	24.96	
Fixture Flux	1218lm	3	1.75	11.26	
Efficiency	73lm/W	4	2.03	9.23	
TM219	Area=12.18lm/m <sup>2</sup> Flux	9.991m <sup>2</sup>	3	2.82	1.92

Power supply	Colour	3000K
900mA		<b>1T4786</b>
900mA		<b>1T4788</b>

### LED / 34W / HYBRID / FL / CRI97



		3000K	H(m)	D(m)	Area(m <sup>2</sup> )
		Ka01			
		33°			
Fixture Power	27W	3	0.58	7.863	
Source Flux	4410lm	4	1.17	24.96	
Fixture Flux	1314lm	3	1.75	8.19	
Efficiency	54lm/W	4	2.03	4.60	
TM219	Area=13.14lm/m <sup>2</sup> Flux	7.884m <sup>2</sup>	3	2.82	2.96

Power supply	Colour	3000K
900mA		<b>1T5313</b>
900mA		<b>1T5315</b>

### LED / 25W / REFLECTOR / SP / CRI84



		3000K	H(m)	D(m)	Area(m <sup>2</sup> )
		Ka01			
		33°			
Fixture Power	25W	3	0.26	2.121	
Source Flux	1817lm	4	0.52	6.254	
Fixture Flux	1214lm	3	0.78	3.699	
Efficiency	120lm/W	4	3.04	13.18	
TM219	Area=12.14lm/m <sup>2</sup> Flux	2.4211m <sup>2</sup>	3	3.14	1.68

Power supply	Colour	3000K
700mA		<b>1T4560</b>
700mA		<b>1T4564</b>

LED / 25W / REFLECTOR / SP / CRI97



	3000K	400lm	25lm	3000lm
	Beam		23°	
	Fixture Power	25W	0	0.29
	Mounting Fix	1702mm	4	0.52
	Fixture Size	1302mm	4	0.78
	Efficiency	90lm/W	4	3.04
T8842	3000-9000lm/3000K	3000K	0	3.50

Power supply	Colour	3000K
700mA		<b>1T5302</b>
700mA		<b>1T5306</b>

LED / 25W / REFLECTOR / FL / CRI84



	3000K	400lm	25lm	3000lm
	Beam		31°	
	Fixture Power	25W	0	0.33
	Mounting Fix	1612mm	4	1.00
	Fixture Size	1302mm	4	1.44
	Efficiency	100lm/W	4	3.15
T8842	3000-9000lm/3000K	3000K	0	3.74

Power supply	Colour	3000K
700mA		<b>1T4561</b>
700mA		<b>1T4565</b>

LED / 25W / REFLECTOR / FL / CRI97



	3000K	400lm	25lm	3000lm
	Beam		31°	
	Fixture Power	25W	0	0.33
	Mounting Fix	1702mm	4	1.00
	Fixture Size	1302mm	4	1.44
	Efficiency	90lm/W	4	3.15
T8842	3000-9000lm/3000K	3000K	0	3.74

Power supply	Colour	3000K
700mA		<b>1T5303</b>
700mA		<b>1T5307</b>

LED / 39W / REFLECTOR / SP / CRI84



	3000K	400lm	25lm	3000lm
	Beam		23°	
	Fixture Power	43W	0	0.26
	Mounting Fix	4902mm	4	0.52
	Fixture Size	4212mm	4	0.77
	Efficiency	100lm/W	4	3.03
T8842	3000-9000lm/3000K	3000K	0	3.28

Power supply	Colour	3000K
1050mA		<b>1T4569</b>
1050mA		<b>1T4575</b>

LED / 39W / REFLECTOR / SP / CRI97



	3000K	400lm	25lm	3000lm
	Beam		23°	
	Fixture Power	43W	0	0.26
	Mounting Fix	4902mm	4	0.52
	Fixture Size	4212mm	4	0.77
	Efficiency	77lm/W	4	3.03
T8842	3000-9000lm/3000K	3000K	0	3.28

Power supply	Colour	3000K
1050mA		<b>1T4581</b>
1050mA		<b>1T4587</b>

LED / 39W / REFLECTOR / FL / CRI84



	3000K	400lm	25lm	3000lm
	Beam		28°	
	Fixture Power	43W	0	0.30
	Mounting Fix	4902mm	4	1.00
	Fixture Size	4212mm	4	1.51
	Efficiency	99lm/W	4	3.03
T8842	3000-9000lm/3000K	3000K	0	3.53

Power supply	Colour	3000K
1050mA		<b>1T4570</b>
1050mA		<b>1T4576</b>

## LED / 39W / REFLECTOR / FL / CR197



Power supply	Colour	3000K
1050mA	☉	<b>1T4582</b>
1050mA	●	<b>1T4588</b>

## LED / 39W / REFLECTOR / MWFL / CR184



Power supply	Colour	3000K
1050mA	☉	<b>1T4571</b>
1050mA	●	<b>1T4577</b>

## LED / 39W / REFLECTOR / MWFL / CR197



Power supply	Colour	3000K
1050mA	☉	<b>1T4583</b>
1050mA	●	<b>1T4589</b>

## LED / 45/55W / REFLECTOR / FL / CR184



Power supply	Colour	3000K
900/1050mA	☉	<b>1T4592</b>
900/1050mA	●	<b>1T4596</b>

## LED / 45/55W / REFLECTOR / FL / CR197



Power supply	Colour	3000K
900/1050mA	☉	<b>1T4600</b>
900/1050mA	●	<b>1T4604</b>

## LED / 45/55W / REFLECTOR / MWFL / CR184



Power supply	Colour	3000K
900/1050mA	☉	<b>1T4593</b>
900/1050mA	●	<b>1T4597</b>

**LED / 45/55W / REFLECTOR / MWFL / CRI97**

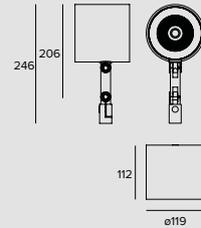


		3000K	H(m)	D(m)	Area(m²)
Beam				33"	
Fixture Power	54W	3	0.87	720	
Source Flux	462lm	4	1.75	1776	
Fixture Flux	418lm	3	2.62	188	
Efficiency	78lm/W	4	3.32	664	
TM20	Area=1472cuplms Max	720lm	6	4.52	285

Power supply	Colour	3000K
900/1050mA		<b>1T4601</b>
900/1050mA		<b>1T4605</b>



**Large short arm**



**LED / 34W / HYBRID / SP / CRI84**



		3000K	H(m)	D(m)	Area(m²)
Beam				33"	
Fixture Power	27W	3	0.33	4136	
Source Flux	4618lm	4	0.86	30286	
Fixture Flux	1304lm	3	0.88	4178	
Efficiency	78lm/W	4	3.02	2575	
TM20	Area=1423cuplms Max	4238lm	6	5.19	1498

Power supply	Colour	3000K
900mA		<b>1T4781</b>
900mA		<b>1T4783</b>

**LED / 34W / HYBRID / SP / CRI97**



		3000K	H(m)	D(m)	Area(m²)
Beam				33"	
Fixture Power	27W	3	0.33	3832	
Source Flux	4608lm	4	0.86	7048	
Fixture Flux	1218lm	3	0.88	3872	
Efficiency	89lm/W	4	3.02	1887	
TM20	Area=1423cuplms Max	3832lm	6	5.19	1218

Power supply	Colour	3000K
900mA		<b>1T5308</b>
900mA		<b>1T5310</b>

**LED / 34W / HYBRID / FL / CRI84**



		3000K	H(m)	D(m)	Area(m²)
Beam				33"	
Fixture Power	27W	3	0.58	8884	
Source Flux	4618lm	4	1.12	2898	
Fixture Flux	1718lm	3	1.75	1128	
Efficiency	71lm/W	4	3.33	925	
TM20	Area=1333cuplms Max	8884lm	6	2.82	902

Power supply	Colour	3000K
900mA		<b>1T4782</b>
900mA		<b>1T4784</b>

**LED / 34W / HYBRID / FL / CRI97**



		3000K	H(m)	D(m)	Area(m²)
Beam				33"	
Fixture Power	27W	3	0.58	7862	
Source Flux	4608lm	4	1.12	2881	
Fixture Flux	1218lm	3	1.75	818	
Efficiency	54lm/W	4	3.33	660	
TM20	Area=1333cuplms Max	7862lm	6	2.82	791

Power supply	Colour	3000K
900mA		<b>1T5309</b>
900mA		<b>1T5311</b>

# CORO

## LED / 25W / REFLECTOR / SP / CRI84



Power supply	Colour	3000K
700mA	☉	<b>1T4558</b>
700mA	●	<b>1T4562</b>

## LED / 25W / REFLECTOR / SP / CRI97



Power supply	Colour	3000K
700mA	☉	<b>1T5300</b>
700mA	●	<b>1T5304</b>

## LED / 25W / REFLECTOR / FL / CRI84



Power supply	Colour	3000K
700mA	☉	<b>1T4559</b>
700mA	●	<b>1T4563</b>

## LED / 25W / REFLECTOR / FL / CRI97



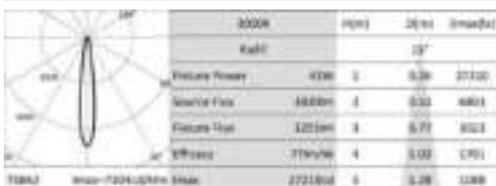
Power supply	Colour	3000K
700mA	☉	<b>1T5301</b>
700mA	●	<b>1T5305</b>

## LED / 39W / REFLECTOR / SP / CRI84



Power supply	Colour	3000K
1050mA	☉	<b>1T4566</b>
1050mA	●	<b>1T4572</b>

## LED / 39W / REFLECTOR / SP / CRI97



Power supply	Colour	3000K
1050mA	☉	<b>1T4578</b>
1050mA	●	<b>1T4584</b>

**LED / 39W / REFLECTOR / FL / CR184**



Power supply	Colour	3000K
1050mA	☉	<b>1T4567</b>
1050mA	●	<b>1T4573</b>

**LED / 39W / REFLECTOR / FL / CR197**



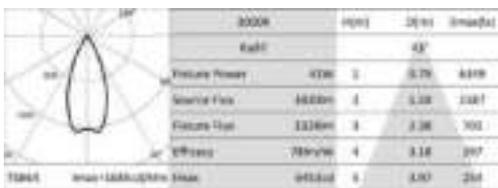
Power supply	Colour	3000K
1050mA	☉	<b>1T4579</b>
1050mA	●	<b>1T4585</b>

**LED / 39W / REFLECTOR / MWFL / CR184**



Power supply	Colour	3000K
1050mA	☉	<b>1T4568</b>
1050mA	●	<b>1T4574</b>

**LED / 39W / REFLECTOR / MWFL / CR197**



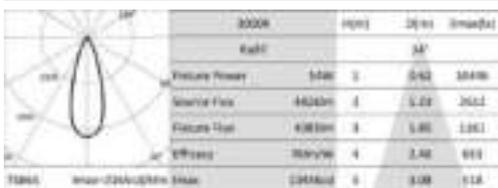
Power supply	Colour	3000K
1050mA	☉	<b>1T4580</b>
1050mA	●	<b>1T4586</b>

**LED / 45/55W / REFLECTOR / FL / CR184**



Power supply	Colour	3000K
900/1050mA	☉	<b>1T4590</b>
900/1050mA	●	<b>1T4594</b>

**LED / 45/55W / REFLECTOR / FL / CR197**



Power supply	Colour	3000K
900/1050mA	☉	<b>1T4598</b>
900/1050mA	●	<b>1T4602</b>

# CORO

## LED / 45/55W / REFLECTOR / MWFL / CRI84



	3000K	H(m)	D(m)	Area(m²)
Beam			47°	
Fixture Power	54W	2	0.87	1040
Mounting Pole	1100mm	4	1.75	3221
Fixture Trail	4100mm	8	2.92	3483
Efficiency	120lm/W	4	3.32	414
12000h	1000lm @ 0.9	6	4.53	132

Power supply	Colour	3000K
900/1050mA		<b>1T4591</b>
900/1050mA		<b>1T4595</b>

## LED / 45/55W / REFLECTOR / MWFL / CRI97

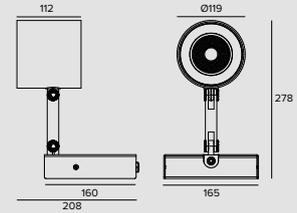


	3000K	H(m)	D(m)	Area(m²)
Beam			47°	
Fixture Power	54W	2	0.87	720
Mounting Pole	4620mm	4	1.75	1776
Fixture Trail	4100mm	8	2.92	188
Efficiency	70lm/W	4	3.32	444
72000h	7200lm @ 0.9	6	4.53	288

Power supply	Colour	3000K
900/1050mA		<b>1T4599</b>
900/1050mA		<b>1T4603</b>



Large DBS long arm



## LED / 34W / DBS / CRI84



	3000K	H(m)	D(m)	Area(m²)
Beam			24°	
Fixture Power	27W	2	0.29	2136
Mounting Pole	4420mm	4	0.56	5494
Fixture Trail	11600mm	8	0.75	2397
Efficiency	100lm/W	4	1.05	1278
102120	1000lm @ 0.9	6	1.26	1007

Driver	Colour	3000K
CASAMBI		<b>1T6945CA</b>
CASAMBI		<b>1T6946CA</b>

	3000K	H(m)	D(m)	Area(m²)
Beam			28°	
Fixture Power	27W	2	0.33	8921
Mounting Pole	4420mm	4	0.66	2234
Fixture Trail	13620mm	8	0.88	892
Efficiency	90lm/W	4	1.72	258
102120	1000lm @ 0.9	6	2.15	247

	3000K	H(m)	D(m)	Area(m²)
Beam			40°	
Fixture Power	27W	2	0.63	2080
Mounting Pole	4420mm	4	1.27	546
Fixture Trail	17000mm	8	1.32	287
Efficiency	90lm/W	4	1.54	392
102120	1000lm @ 0.9	6	1.97	288

	3000K	H(m)	D(m)	Area(m²)
Beam			31°	
Fixture Power	27W	2	0.56	3420
Mounting Pole	4420mm	4	1.12	1896
Fixture Trail	13300mm	8	0.86	892
Efficiency	90lm/W	4	1.25	318
102120	1000lm @ 0.9	6	1.62	217

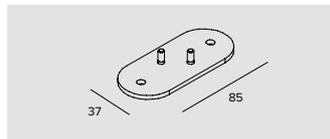
LED / 34W / DBS / CRI97



Driver	Colour	4000K
CASAMBI	●	<b>1T6947CA</b>
CASAMBI	●	<b>1T6948CA</b>

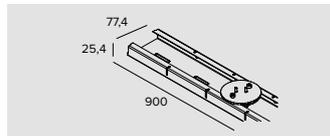
Related codes

Mounting System



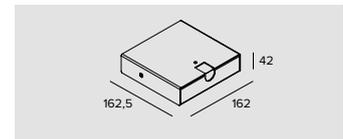
Colour	Code
●	<b>1T4606</b>
●	<b>1T4607</b>

White surface mounting base.



Colour	Code
●	<b>1T4628</b>
●	<b>1T4629</b>

Surface mounting channel 900mm.  
The channel can be cut to length at intervals of 10cm.  
With three mounting bases for Coro "Small" and "Big".

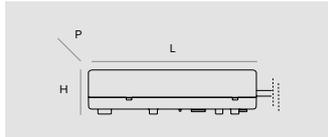


Power supply	Driving current	Driver	Colour	Code
220-240Vac 50/60Hz	700mA	EL.	●	<b>1T4612</b>
220-240Vac 50/60Hz	700mA	DALI	●	<b>1T4613</b>
220-240Vac 50/60Hz	700mA	DALI (CASAMBI)	●	<b>1T4613CA</b>
220-240Vac 50/60Hz	900mA	EL.	●	<b>1T4614</b>
220-240Vac 50/60Hz	900mA	DALI	●	<b>1T4615</b>
220-240Vac 50/60Hz	900mA	DALI (CASAMBI)	●	<b>1T4615CA</b>
220-240Vac 50/60Hz	1050mA max 60W	EL.	●	<b>1T4616</b>
220-240Vac 50/60Hz	1050mA max 60W	DALI	●	<b>1T4617</b>
220-240Vac 50/60Hz	1050mA max 60W	DALI (CASAMBI)	●	<b>1T4617CA</b>
220-240Vac 50/60Hz	700mA	EL.	●	<b>1T4622</b>
220-240Vac 50/60Hz	700mA	DALI	●	<b>1T4623</b>
220-240Vac 50/60Hz	700mA	DALI (CASAMBI)	●	<b>1T4623CA</b>
220-240Vac 50/60Hz	900mA	EL.	●	<b>1T4624</b>
220-240Vac 50/60Hz	900mA	DALI	●	<b>1T4625</b>
220-240Vac 50/60Hz	900mA	DALI (CASAMBI)	●	<b>1T4625CA</b>
220-240Vac 50/60Hz	1050mA max 60W	EL.	●	<b>1T4626</b>
220-240Vac 50/60Hz	1050mA max 60W	DALI	●	<b>1T4627</b>
220-240Vac 50/60Hz	1050mA max 60W	DALI (CASAMBI)	●	<b>1T4627CA</b>

Surface mounting base with integrated driver.

# CORO

## Power Supply

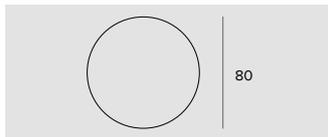


	Code
29W - 110-240V, 700mA - IP20 - 160x35x83mm	<b>1T2963</b>
50W - 220-240V, 900mA - IP20 - 160x35x83mm	<b>1T2966</b>
42W - 110-240V, 1050mA - IP20 - 160x35x83mm	<b>1T3781</b>
60W - 220-240V, 1050mA - IP20 - 129x30x76mm	<b>1T4723</b>
Electronic power supply LxHxP	

	Code
29W - 110-240V, 700mA - IP20 - 160x35x83mm	<b>1T2965</b>
50W - 110-240V, 900mA - IP20 - 160x35x83mm	<b>1T2968</b>
42W - 110-240V, 1050mA - IP20 - 160x35x83mm	<b>1T3783</b>
60W - 220-240V, 1050mA - IP20 - 129x30x76mm	<b>1T4725</b>
DALI electronic power supply LxHxP	

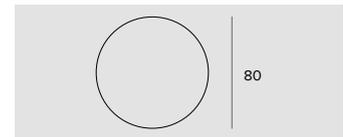
## Accessories

### Filter



Filter	Ø	Code
Red	80	<b>1T3424</b>
Green	80	<b>1T3425</b>
Blue	80	<b>1T3426</b>
Yellow	80	<b>1T3427</b>
Magenta	80	<b>1T3428</b>

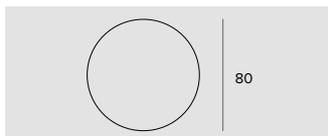
Flat glass interference chromatic filter.



	Ø	Code
	80	<b>1T3141</b>

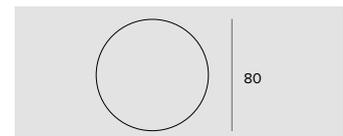
Flat glass, grooved refractive blade light filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.



	Ø	Code
	80	<b>1T3140</b>

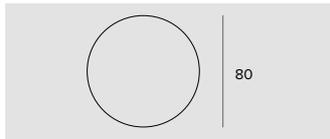
Flat glass micro prismatic refractive diffusive filter.  
This softens the luminous effect.



Filter	Ø	Code
Halogen +	80	<b>1T6382</b>
Vivid +	80	<b>1T6384</b>

Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	80	<b>1T6386</b>
Fish	80	<b>1T6388</b>
Bread	80	<b>1T6390</b>
Vegetables	80	<b>1T6392</b>

**Food filter.**

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6386**

To be used only with 3000K and Ra80 fixtures.

**1T6388**

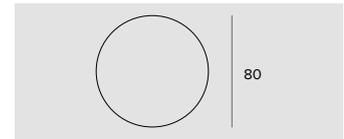
To be used only with 4000K and Ra80 fixtures.

**1T6390**

To be used only with 3000K and Ra80 fixtures.

**1T6392**

To be used only with 3000K and Ra80 fixtures.



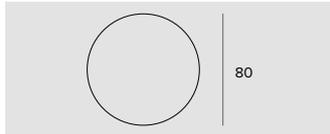
Filter	Ø	Code
Beauty	80	<b>1T6394</b>

**Beauty filter.**

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

To be used only with 3000K and Ra80 fixtures.

**Grid**

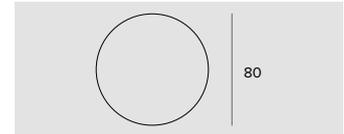


Ø	Code
80	<b>1T3423</b>

**Anti-glare louver.**

Black painted metal honeycomb structure.

**Zoom**



Ø	Code
80	<b>1T3432</b>

**Zoom.**

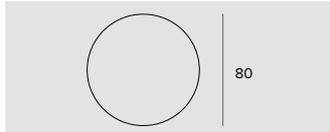
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

To be used after removing the existing optic.

It makes it possible to obtain a variable beam from 15° to 60°.

It can not be used with NSP and hybrid optics; no for DBS version.

**Cut-off**



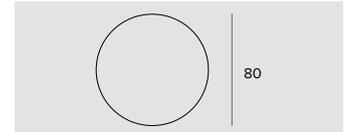
Ø	Code
80	<b>1T3142</b>

**Cut-off Tube.**

Allows for the beam to be focused while removing the fall-off component.

No for DBS version.

**Screen**



Ø	Code
80	<b>1T3143</b>

**Black painted anodized diffusive aluminium asymmetric screen.**

Complete with blade light filter.

Ideal for a Wall Washer effect.

To be combined with spot and flood optics.

# CORO

## Emergency Kit

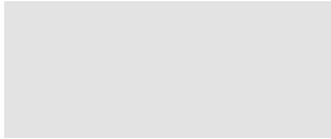


Code

**1T3144**

Emergency kit.  
Inverter + 3h battery pack.  
IP20.

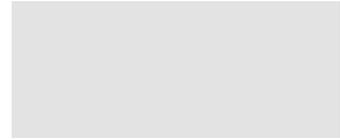
## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



# CORO

## LED / 18W / REFLECTOR / MWFL / CRI84



3000K	H(m)	D(m)	Area(m²)
Beam		48°	
Fixture Power	20W	3	0.80 8179
Mounting Pole	1500mm	4	0.80 8179
Fixture Size	130mm	4	0.80 8179
Efficiency	30lm/W	4	0.75 210
Beam	3000K	3	0.75 210

Power supply	Colour	3000K
500mA	☉	<b>1T4542</b>
500mA	●	<b>1T4548</b>

## LED / 18W / REFLECTOR / MWFL / CRI97



3000K	H(m)	D(m)	Area(m²)
Beam		48°	
Fixture Power	20W	3	0.80 8179
Mounting Pole	1500mm	4	0.80 8179
Fixture Size	130mm	4	0.80 8179
Efficiency	30lm/W	4	0.75 210
Beam	3000K	3	0.75 210

Power supply	Colour	3000K
500mA	☉	<b>1T4552</b>
500mA	●	<b>1T4556</b>

## LED / 18W / REFLECTOR / WFL / CRI84



3000K	H(m)	D(m)	Area(m²)
Beam		60°	
Fixture Power	20W	3	0.75 210
Mounting Pole	1500mm	4	0.75 210
Fixture Size	130mm	4	0.75 210
Efficiency	30lm/W	4	0.75 210
Beam	3000K	3	0.75 210

Power supply	Colour	3000K
500mA	☉	<b>1T4543</b>
500mA	●	<b>1T4549</b>

## LED / 18W / REFLECTOR / WFL / CRI97

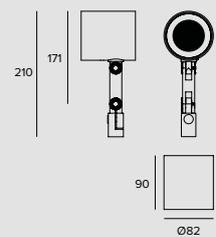


3000K	H(m)	D(m)	Area(m²)
Beam		60°	
Fixture Power	20W	3	0.75 210
Mounting Pole	1500mm	4	0.75 210
Fixture Size	130mm	4	0.75 210
Efficiency	30lm/W	4	0.75 210
Beam	3000K	3	0.75 210

Power supply	Colour	3000K
500mA	☉	<b>1T4553</b>
500mA	●	<b>1T4557</b>



Small short arm



## LED / 2,7W / LENS / NSP / CRI80



3000K	H(m)	D(m)	Area(m²)
Beam		9°	
Fixture Power	3W	3	0.75 210
Mounting Pole	2000mm	4	0.80 8179
Fixture Size	18mm	3	0.80 8179
Efficiency	90lm/W	4	0.80 8179
Beam	3000K	3	0.75 210

Power supply	Colour	3000K
900mA	☉	<b>1T4722</b>
900mA	●	<b>1T4726</b>

**LED / 11W / LENS / SP / CRI84**



	3000K	11W	24°	3000K	
	Beam		24°		
	Fixture Power	11W	0.37	100%	
	Mounting Hole	180mm	4	0.23	80%
	Fixture Size	180mm	4	0.86	1.7%
	Efficiency	90lm/W	4	1.07	9%
TM2016	Beam-SP11000K/84	100%	0	0.33	6%

Power supply	Colour	3000K
350mA		<b>1T4526</b>
350mA		<b>1T4530</b>

**LED / 12W / LENS / FL / CRI84**



	3000K	12W	30°	3000K	
	Beam		30°		
	Fixture Power	12W	0.34	93%	
	Mounting Hole	180mm	4	0.09	1.1%
	Fixture Size	180mm	4	0.84	0.4%
	Efficiency	90lm/W	4	1.17	3%
TM2016	Beam-FL12000K/84	90%	0	2.72	2%

Power supply	Colour	3000K
350mA		<b>1T4527</b>
350mA		<b>1T4531</b>

**LED / 18W / LENS / SP / CRI84**



	3000K	18W	24°	3000K	
	Beam		24°		
	Fixture Power	18W	0.53	99%	
	Mounting Hole	180mm	4	0.22	1.1%
	Fixture Size	180mm	4	1.30	0.9%
	Efficiency	90lm/W	4	1.73	0.6%
TM2016	Beam-SP18000K/84	90%	0	2.12	0.6%

Power supply	Colour	3000K
500mA		<b>1T4538</b>
500mA		<b>1T4544</b>

**LED / 18W / LENS / SP / CRI97**



	3000K	18W	24°	3000K	
	Beam		24°		
	Fixture Power	18W	0.53	99%	
	Mounting Hole	180mm	4	0.22	1.1%
	Fixture Size	180mm	4	1.30	0.9%
	Efficiency	90lm/W	4	1.73	0.6%
TM2016	Beam-SP18000K/97	90%	0	2.12	0.6%

Power supply	Colour	3000K
500mA		<b>1T5296</b>
500mA		<b>1T5297</b>

**LED / 18W / REFLECTOR / MWFL / CRI84**



	3000K	18W	48°	3000K	
	Beam		48°		
	Fixture Power	18W	0.80	92%	
	Mounting Hole	180mm	4	0.80	0.1%
	Fixture Size	180mm	4	2.89	0.1%
	Efficiency	90lm/W	4	1.38	0.1%
TM2016	Beam-REF18000K/84	4.0%	0	4.50	1.2%

Power supply	Colour	3000K
500mA		<b>1T4539</b>
500mA		<b>1T4545</b>

**LED / 18W / REFLECTOR / MWFL / CRI97**



	3000K	18W	48°	3000K	
	Beam		48°		
	Fixture Power	18W	0.80	92%	
	Mounting Hole	180mm	4	0.80	0.1%
	Fixture Size	180mm	4	2.89	0.1%
	Efficiency	90lm/W	4	1.38	0.1%
TM2016	Beam-REF18000K/97	4.0%	0	4.50	0%

Power supply	Colour	3000K
500mA		<b>1T4550</b>
500mA		<b>1T4554</b>

# CORO

## LED / 18W / REFLECTOR / WFL / CRI84



Power supply	Colour	3000K
500mA	●	<b>1T4540</b>
500mA	●	<b>1T4546</b>

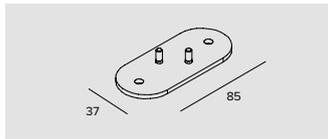
## LED / 18W / REFLECTOR / WFL / CRI97



Power supply	Colour	3000K
500mA	●	<b>1T4551</b>
500mA	●	<b>1T4555</b>

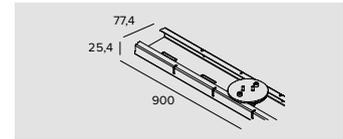
## Related codes

### Mounting System



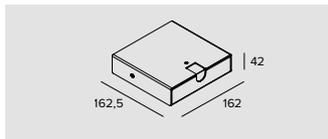
Colour	Code
●	<b>1T4606</b>
●	<b>1T4607</b>

White surface mounting base.



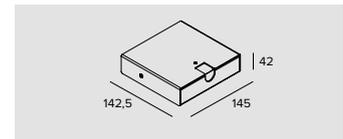
Colour	Code
●	<b>1T4628</b>
●	<b>1T4629</b>

Surface mounting channel 900mm.  
The channel can be cut to length at intervals of 10cm.  
With three mounting bases for Coro "Small" and "Big".



Power supply	Driving current	Driver	Colour	Code
220-240Vac 50/60Hz	900mA	EL.	●	<b>1T4614</b>
220-240Vac 50/60Hz	900mA	DALI	●	<b>1T4615</b>
220-240Vac 50/60Hz	900mA	DALI (CASAMBI)	●	<b>1T4615CA</b>
220-240Vac 50/60Hz	900mA	EL.	●	<b>1T4624</b>
220-240Vac 50/60Hz	900mA	DALI	●	<b>1T4625</b>
220-240Vac 50/60Hz	900mA	DALI (CASAMBI)	●	<b>1T4625CA</b>
220-240Vac 50/60Hz	350mA	DALI (CASAMBI)	●	<b>1T4609CA</b>
220-240Vac 50/60Hz	350mA	DALI (CASAMBI)	●	<b>1T4619CA</b>
220-240Vac 50/60Hz	500mA	DALI (CASAMBI)	●	<b>1T4611CA</b>
220-240Vac 50/60Hz	500mA	DALI (CASAMBI)	●	<b>1T4621CA</b>

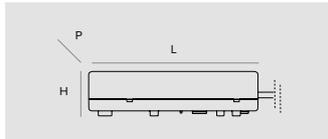
Surface mounting base with integrated driver.



Power supply	Driving current	Driver	Colour	Code
220-240Vac 50/60Hz	350mA	EL.	●	<b>1T4608</b>
220-240Vac 50/60Hz	350mA	EL.	●	<b>1T4618</b>
220-240Vac 50/60Hz	350mA	DALI	●	<b>1T4609</b>
220-240Vac 50/60Hz	350mA	DALI	●	<b>1T4619</b>
220-240Vac 50/60Hz	500mA	EL.	●	<b>1T4610</b>
220-240Vac 50/60Hz	500mA	EL.	●	<b>1T4620</b>
220-240Vac 50/60Hz	500mA	DALI	●	<b>1T4611</b>
220-240Vac 50/60Hz	500mA	DALI	●	<b>1T4621</b>

Surface mounting base with integrated driver.

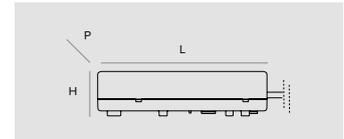
## Power Supply



Code

15W - 220-240V, 350mA - IP20 - 119x22x52mm	<b>1T1757</b>
max 50W - 220-240V, 900mA - IP20 - 160x35x83mm	<b>1T2966</b>
max 22W - 220-240V, 500mA - IP20 - 130x30x42mm	<b>1T3966</b>

Electronic power supply  
LxHxP



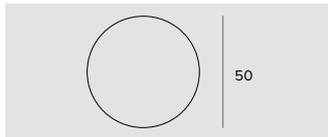
Code

max 15W - 110-240V, 350mA - IP20 - 119x22x52mm	<b>1T4630</b>
20W - 220-240V, 500mA - IP20 - 119x22x52mm	<b>1T4631</b>
max 50W - 110-240V, 900mA - IP20 - 160x35x83mm	<b>1T2968</b>

DALI electronic power supply  
LxHxP

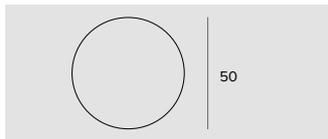
## Accessories

### Filter



Filter	Ø	Code
Red	50	<b>49881</b>
Green	50	<b>49882</b>
Blue	50	<b>49886</b>
Yellow	50	<b>49887</b>
Magenta	50	<b>49959</b>

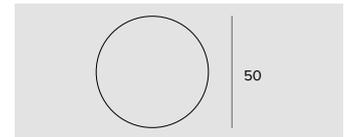
Flat glass interference chromatic filter.



Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

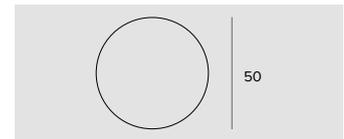
Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Ø	Code
50	<b>1T4721</b>

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.



Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

Food filter.

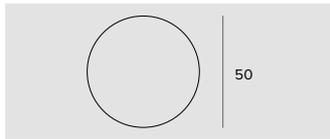
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

**1T6385, 1T6389, 1T6391**

To be used only with 3000K and Ra80 fixtures.

**1T6387**

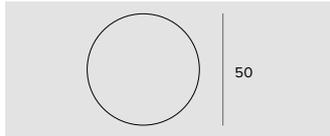
To be used only with 4000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	50	<b>1T6393</b>

Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.

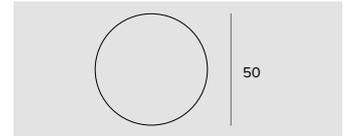
### Screen



Ø	Code
50	<b>1T4325</b>

Black painted anodized diffusive aluminium asymmetric screen.  
Complete with blade light filter.  
Ideal for a Wall Washer effect.  
To be combined with spot and flood optics.

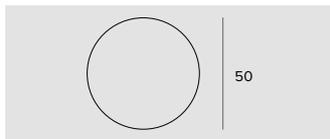
### Grid



Ø	Code
50	<b>1T4322</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

### Zoom



Ø	Code
50	<b>1T4324</b>

Zoom.  
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.  
To be used after removing the existing optic.  
It can not be used with a narrow spot optic.  
It makes it possible to obtain a variable beam from 15° to 60°.

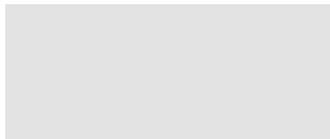
### Emergency Kit



Code
<b>1T3144</b>

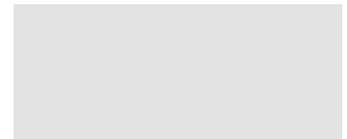
Emergency kit.  
Inverter + 3h battery pack.  
For CCTLED Architectural Mini: no NSP version.  
IP20.

### Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Merendoni Palace

**Photographer**  
Ivan Rossi

**Country**  
Bologna - Italy

# OTTO

## GENERAL INFO

Pole mounted projector.

Adjustable spotlight body from 0°/-90° on the vertical plane and 0/+90° and 0/-90° on the horizontal plane.

Ø30mm

## LED

LED Emitter

From 370lm to 397lm

3000K – 4000K

Ra84

## PRODUCT EFFICACY

Up to 30lm/W

## OPTICS

ZOOM: from SP to FL

## POWER SUPPLY

Remote electronic

## MATERIAL

Painted or anodised aluminium body connected to a painted metal base.

A range of projectors with a minimal footprint with different installation types characterised by manual focus.

Available with single or multi-optical configuration: 1x, 2x or 3x.

Also available in ceiling mounted versions with the following installations: semi-recessed, recessed extractable and ceiling mounted with a base.





## Project 107

**Architect**  
The Ply Architecture

**Photographer**  
Andrey Egorov

**Country**  
Moscow - Russia

01



## The pole version

Is suitable for lighting shop windows or showcases that require a controlled, modular and adjustable light.

02

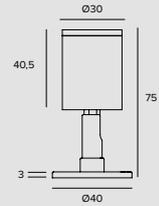


## Manual focus

It works exactly like a camera lens, rotating the optical unit extends it and the beam opening changes from 14° to 34°.



## Ceiling



### LED / 3W / ZOOM / SP-FL

	3000K	HxHxL	20°x1	Beam@2m
Beam				14°
Fixture Power	7W	3	0.24	200
Mounting Hole	25mm	4	0.88	117
Fixture Size	117mm	4	0.72	210
Efficiency	210lm/W	4	0.86	219
1T6331	3000K	3	0.22	80

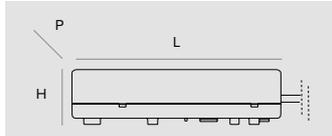
  

	3000K	HxHxL	20°x1	Beam@2m
Beam				14°
Fixture Power	7W	3	0.62	190
Mounting Hole	25mm	4	1.23	110
Fixture Size	143mm	4	1.80	90
Efficiency	200lm/W	4	1.40	90
1T6332	3000K	3	1.08	80

Power supply	Colour	3000K	4000K
1050mA	○	<b>1T6331</b>	<b>1T6332</b>
1050mA	●	<b>1T6343</b>	<b>1T6344</b>
1050mA	◐	<b>1T6355</b>	<b>1T6356</b>

## Related codes

### Power Supply



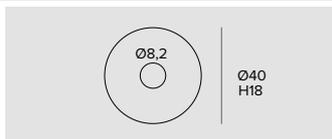
Code

**1T6524**

Electronic power supply 42W, LxHxP=129x30x42mm, 220-240V-AC 50-60Hz, 1050mA, IP20.  
Can drive up to 12 OTTO 1x simultaneously.  
OTTO Semi-Recessed: the driver is bigger than the cutout hole needed by the luminaire.

## Accessories

### Canopy

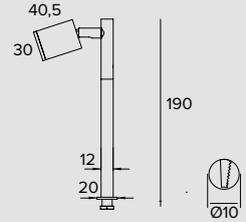


Ø	H	Colour	Code
40	18	○	<b>1T6528</b>
40	18	●	<b>1T6529</b>
40	18	◐	<b>1T6530</b>

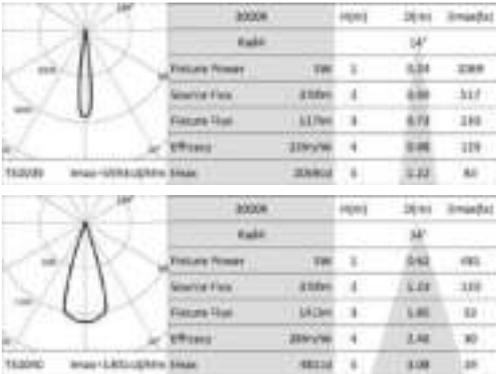
Canopy for electrical connection.



## Multi-Optic 1x



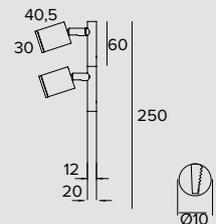
### LED / 1x3W / ZOOM / SP-FL



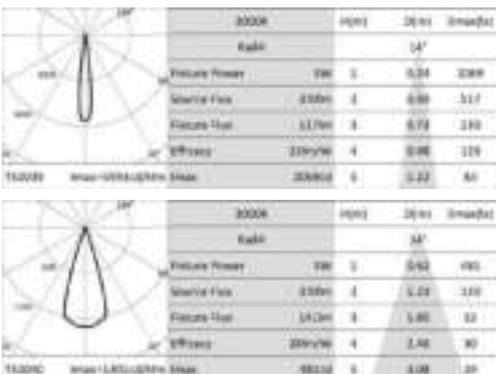
Power supply	Colour	3000K	4000K
1050mA	○	<b>1T6325</b>	<b>1T6326</b>
1050mA	●	<b>1T6337</b>	<b>1T6338</b>
1050mA	●	<b>1T6349</b>	<b>1T6350</b>



## Multi-Optic 2x



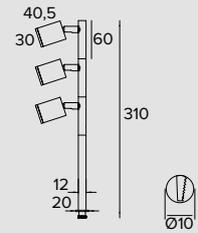
### LED / 2x3W / ZOOM / SP-FL



Power supply	Colour	3000K	4000K
1050mA	○	<b>1T6327</b>	<b>1T6328</b>
1050mA	●	<b>1T6339</b>	<b>1T6340</b>
1050mA	●	<b>1T6351</b>	<b>1T6352</b>



## Multi-Optic 3x



### LED / 3x3W / ZOOM / SP-FL



	3000K	HxHxL	20x1	30x2x3	
Beam			14°		
Fixture Power	7W	3	0.24	0.80	
Mounting Hole	25mm	4	0.80	1.17	
Fixture Size	117mm	4	0.72	1.10	
Efficiency	210lm/W	4	0.80	1.10	
1T6329	3000K	3000K	0	0.22	0.0

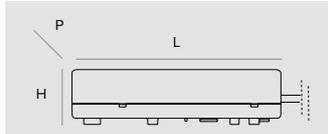
  

	3000K	HxHxL	20x1	30x2x3	
Beam			14°		
Fixture Power	7W	3	0.24	0.80	
Mounting Hole	25mm	4	0.80	1.17	
Fixture Size	117mm	4	0.80	1.10	
Efficiency	210lm/W	4	0.80	1.10	
1T6330	4000K	4000K	0	0.22	0.0

Power supply	Colour	3000K	4000K
1050mA	○	<b>1T6329</b>	<b>1T6330</b>
1050mA	●	<b>1T6341</b>	<b>1T6342</b>
1050mA	◐	<b>1T6353</b>	<b>1T6354</b>

## Related codes

### Power Supply



Code

**1T6524**

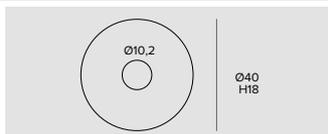
Electronic power supply 42W, LxHxP=129x30x42mm, 220-240V-AC 50-60Hz, 1050mA, IP20.

Can drive up to 12 OTTO 1x simultaneously.

OTTO Semi-Recessed: the driver is bigger than the cutout hole needed by the luminaire.

## Accessories

### Base



Ø40  
H18

Ø	H	Colour	Code
40	18	○	<b>1T6525</b>
40	18	●	<b>1T6526</b>
40	18	◐	<b>1T6527</b>

Base for electrical connection.

Indoor

**Systems**

## Systems 48V



332  
OZ



358  
FORTYEIGHT

## Systems 230V



376  
LOGICO  
System

# OZ

## GENERAL INFO

### POWER TRACK

Lengths: 1000mm – 2000mm – 3000mm  
L, T and X linear electrical connections.

## MAGNETIC LED LIGHT UNIT

SMALL fixed and adjustable

LARGE fixed and adjustable

5x SMALL fixed

3x LARGE fixed

## PROFILE

Profile for recessed, ceiling mounted and suspension installation with a double Large and Small section.

Lengths: 1000mm – 2000mm – 3000mm

## LED

Emitter for version SMALL.

Chip on Board for version LARGE.

From 135lm to 2418lm

2700K - 3000K - 3500K - 4000K

Ra90

## PRODUCT EFFICACY

Up to 103lm/W

## OPTICS

SP – FL – MWFL

## POWER SUPPLY

Electronic - Casambi on board

## MATERIAL

### POWER TRACK

Black or white polycarbonate with 2 conductive stainless steel rails. Black or white polycarbonate cover.

## MAGNETIC LED LIGHT UNIT

Black or white painted die-cast aluminium.

Acrylic lens and black polycarbonate screen.

## PROFILE

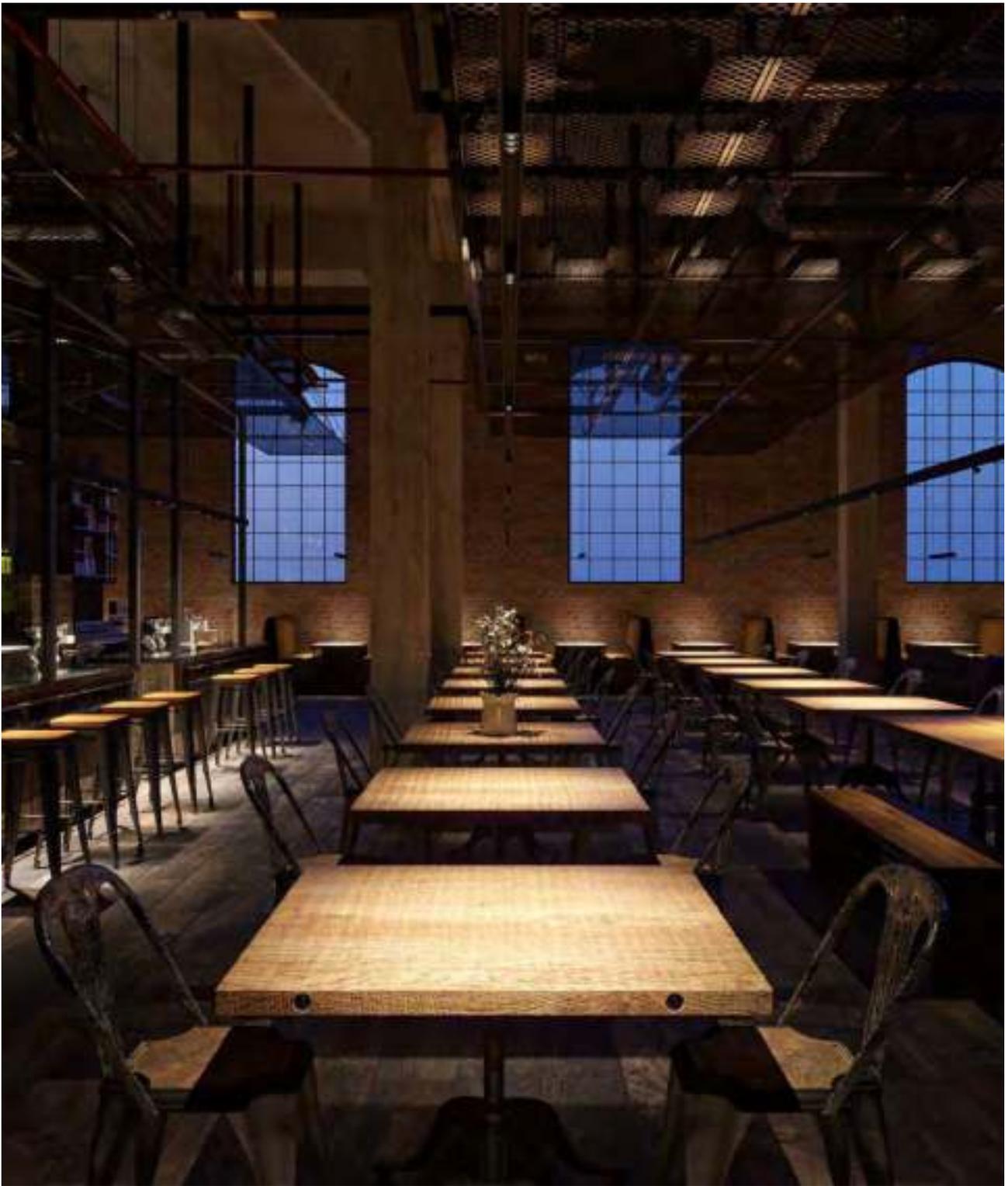
Black or white painted extruded aluminium.

The idea behind OZ came from the desire to create a system that is decisive as well as simple and minimal. A system that designs and illumines the space with its modules and form.

The heart of the system is the power track, an advanced conductive track, 6 mm thick, that unwinds through the space, bringing 48V of power and on which the lighting units, which are available in various beam angles, are hooked using magnets. The system can be left visible for surface installations, highlighting its lightness and technology, or built into the profiles for installation on surfaces, as suspension, or recessed.

Also available in a ceiling mounted or recessed stand-alone 230V version.





01



02



## The power track is the heart of the system

The power track is available in three different lengths, black or white. For an effect of formal simplicity it is possible to accessorise the power-track with the cover that hides the two metal tracks. The cover can be easily cut to size on installation.

## The light modules are available in two different sizes

Both extremely compact: 25x25x50 f and 50x50x50 both in fixed and adjustable version. They can have a white body with a black cover or be completely black.



## Innovative 48V magnetic system

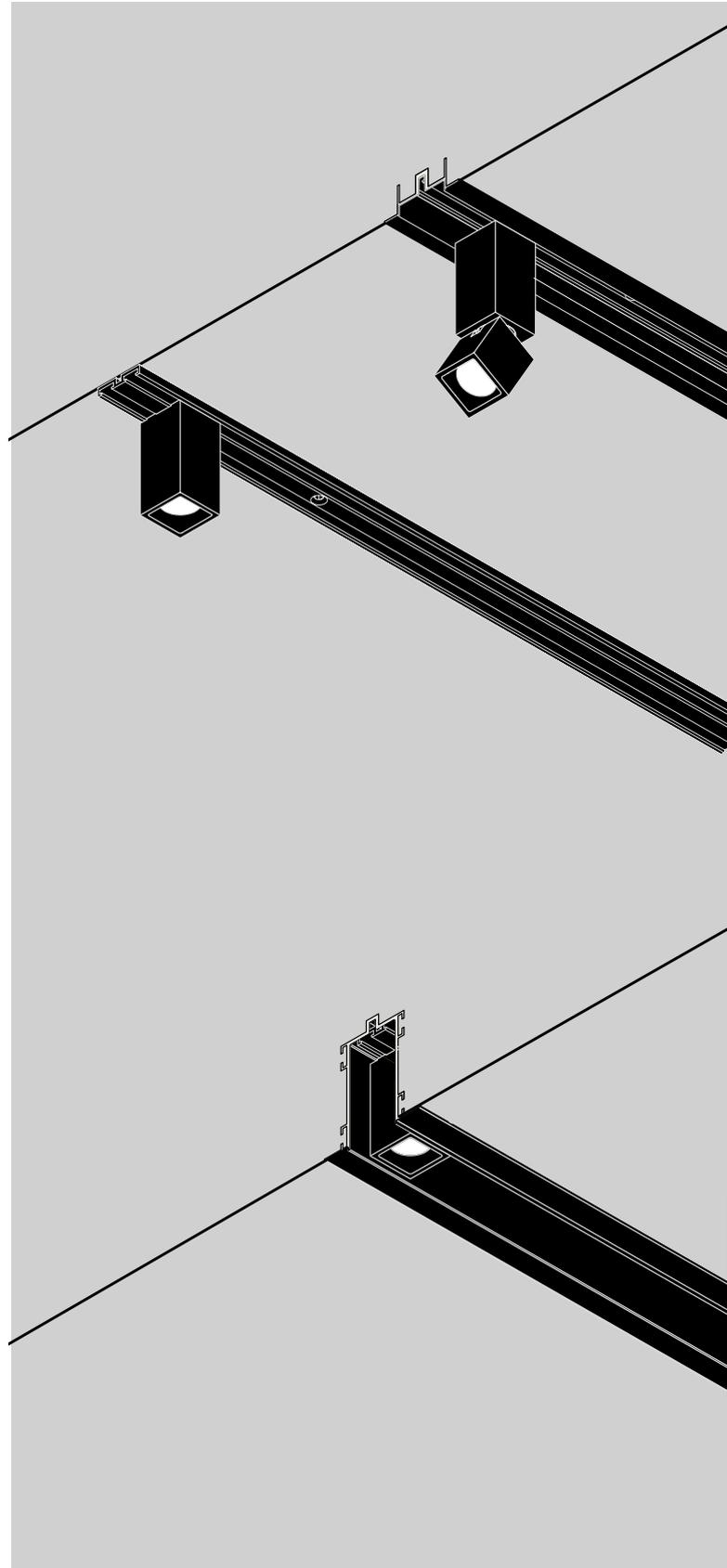
Installing modules is really easy, just place them at any point on the system and the magnets will attach them without the need for accessories.

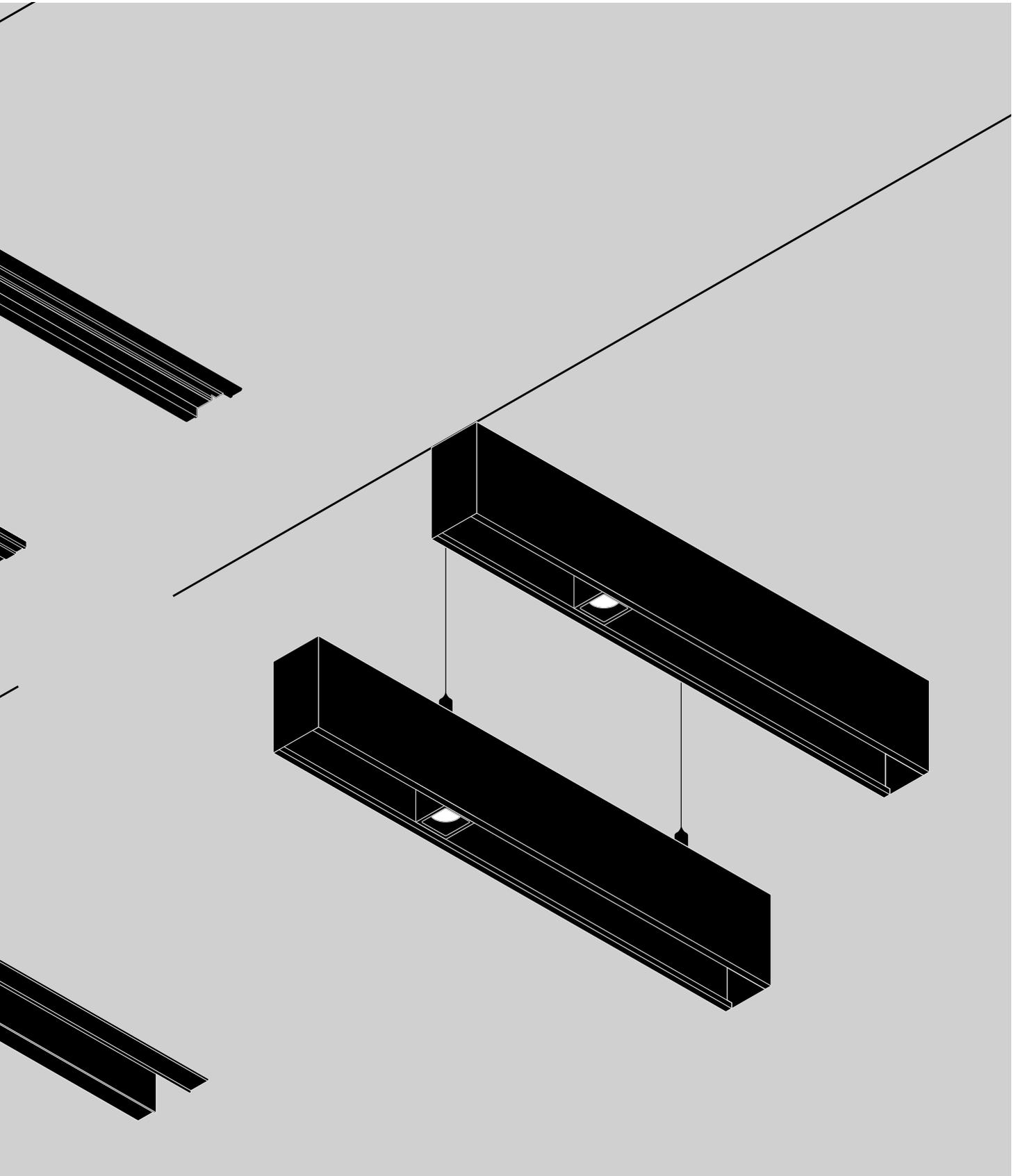
## New light modules

New 3x multi-optical light modules for the Large version and 5x for the Small version, available both in an electronic and Casambi version for remote control of light points. This allows for independent autonomous management of light points on the same track to create different scenarios as needed.

There are five different installation solutions for maximum application flexibility.

OZ can be installed on the wall or ceiling with just one power track. Using the special outer casings it can be recessed on existing false ceilings, or suspended or installed on surface.









The same profile for recessed installation (with flange or trimless)

Using mechanical joins and the various installation accessories infinite compositions can be created.

# The rules of OZ

5

Is the maximum number of connectors that can be used in the same configuration



10

Metres is the maximum length of a configuration connected to the same power supply

0

Are the closed systems that can be created. Only closed systems with 4 L-joints are allowed.

3

Is the maximum number of **Large** light units that can be installed side by side (group).

5

Is the maximum number of **Small** light units that can be installed side by side (group).



2

Are the number of groups that can be on 1 metre of the system.

100

Watt is the maximum power that can be installed per metre. The total power of the configuration varies according to the type of driver used.

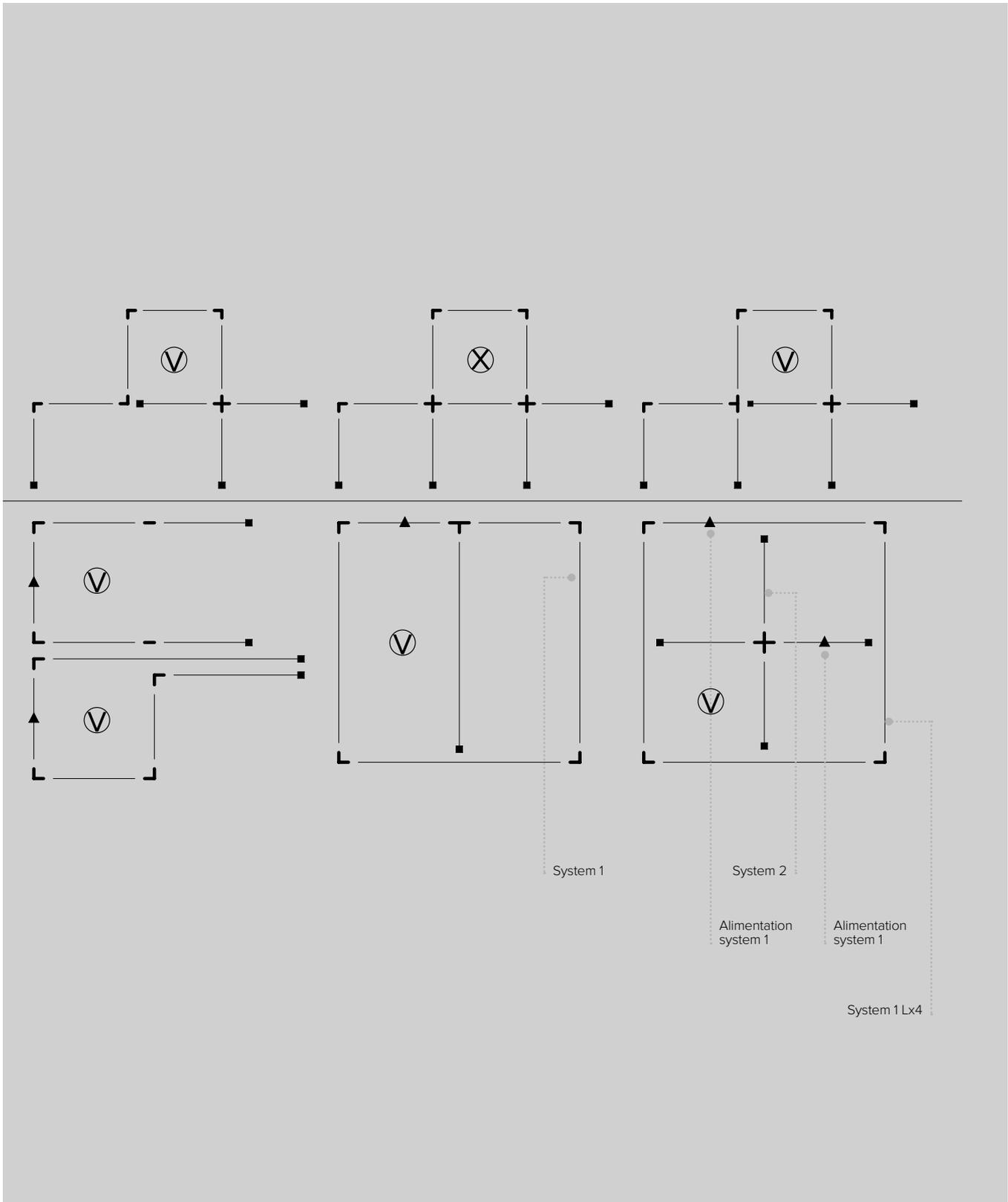
3

Is the number of power supplies

∞

Possible solutions

- Integrated box driver on board max 90W
- Ceiling-mounted box driver max 90W
- Remote driver max 210W



07



## On request

it is possible to have the cover in the desired RAL colour.

08

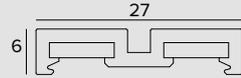


## Three power supply options

- Box driver installato come rosone con l'aggiunta della testata di alimentazione nel sistema;
- Box driver remoto con l'aggiunta della testata di alimentazione nel sistema;
- Alimentazione installata direttamente su power track in qualsiasi punto del sistema.



# Power Track

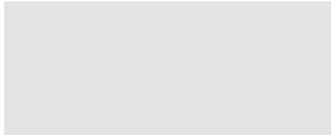


## POWER TRACK IP20

	Kg	L	Colour	Code
	0.3	1000	○	<b>1T7431</b>
	0.59	2000	○	<b>1T7432</b>
	0.89	3000	○	<b>1T7433</b>
	0.3	1000	●	<b>1T7434</b>
	0.59	2000	●	<b>1T7435</b>
	0.89	3000	●	<b>1T7436</b>

## Related codes

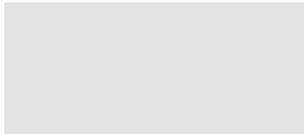
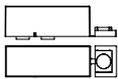
### End Caps



Colour	Code
○	<b>1T7026</b>
●	<b>1T7027</b>

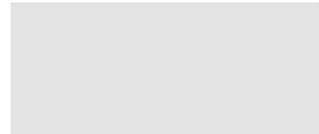
Kit containing 2 profile end caps.

### Power head



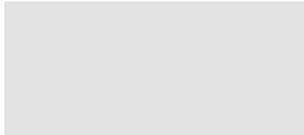
Colour		Code
○	Power head 71x25x27	<b>1T7024</b>
●	Power head 71x25x27	<b>1T7025</b>

### Driver on board



Colour		Code
○	48Vdc driver magnetic box 238x54.2x26mm - 90W	<b>1T7028EL</b>
●	48Vdc driver magnetic box 238x54.2x26mm - 90W	<b>1T7029EL</b>

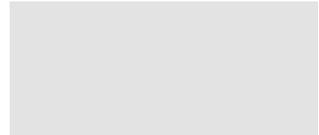
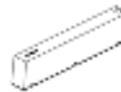
### Remote power supply



	Code
Driver IP20 60W - 225x36x60 maximum distance 20m - cable 1,5mmq	<b>1T6917EL</b>
Driver IP20 130W - 240x49x60 maximum distance 10m - cable 1,5mmq	<b>1T6916EL</b>
Driver IP20 210W - 251x90x37 maximum distance 5m - cable 1,5mmq	<b>1T7403EL</b>

Universal power supply for Electronic and Casambi systems.

### Driver box for ceiling installation

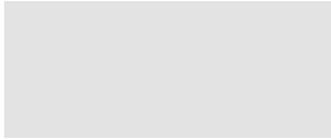


Colour		Code
○	Driver box for ceiling installation 243x58x30mm - 90W	<b>1T7030EL</b>
●	Driver box for ceiling installation 243x58x30mm - 90W	<b>1T7172EL</b>

# OZ

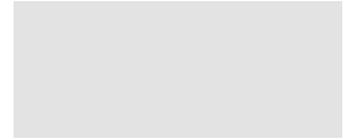
## Accessories

### Electrical Connector



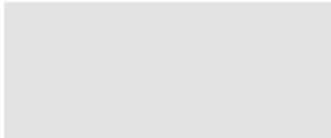
Colour	Code
○	<b>1T7016</b>
●	<b>1T7020</b>

Linear electrical connector.  
5 the maximum joints for each driver source.



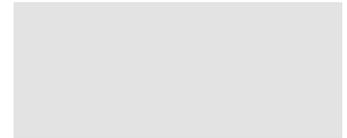
Colour	Code
○	<b>1T7017</b>
●	<b>1T7021</b>

Electrical L connector.  
5 the maximum joints for each driver source.



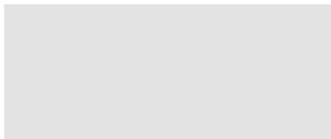
Colour	Code
○	<b>1T7018</b>
●	<b>1T7022</b>

Electrical T connector.  
5 the maximum joints for each driver source.



Colour	Code
○	<b>1T7019</b>
●	<b>1T7023</b>

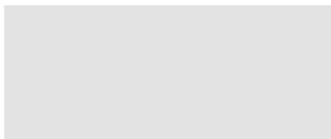
Electrical X connector.  
5 the maximum joints for each driver source.



Colour	Code
○	<b>1T7439</b>
●	<b>1T7440</b>

L-angle electrical coupling.  
5 the maximum joints for each driver source.

### Cover Panel



L	Colour	Code
1000	○	<b>1T7938</b>
1000	●	<b>1T7941</b>
2000	○	<b>1T7939</b>
2000	●	<b>1T7942</b>
3000	○	<b>1T7940</b>
3000	●	<b>1T7943</b>

Cover for Power Track (5 pieces).

### Mounting System

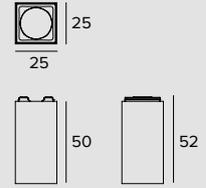


Code
<b>1T7098</b>

BI-ADHESIVE TAPE 10 meters for Power Track installation.



## Lighting module - Single fixed 25x25mm



### LED / 2,1W / LENS / SP



	3000K	H(m)	D(m)	Area(m²)	
Beam (kcd)			13°		
Fixture Power	2W	2	0.35	200	
Source Flux	107lm	4	0.80	675	
Fixture Flux	107lm	4	0.80	278	
Efficiency	41lm/W	4	0.75	117	
TS 1121	Beam 127180up/90m	2000cd	4	0.96	340

Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7506</b>	<b>1T7507</b>	<b>1T7508</b>	<b>1T7509</b>
EL	●	<b>1T7518</b>	<b>1T7519</b>	<b>1T7520</b>	<b>1T7521</b>
CASAMBI	○	<b>1T7099CA</b>	<b>1T7100CA</b>	<b>1T7101CA</b>	<b>1T7102CA</b>
CASAMBI	●	<b>1T7111CA</b>	<b>1T7112CA</b>	<b>1T7113CA</b>	<b>1T7114CA</b>

### LED / 2,1W / LENS / FL



	3000K	H(m)	D(m)	Area(m²)	
Beam (kcd)			18°		
Fixture Power	2W	2	0.53	197	
Source Flux	107lm	4	1.03	118	
Fixture Flux	107lm	4	1.52	55	
Efficiency	41lm/W	4	1.03	55	
TS 1121	Beam 127180up/90m	487cd	4	2.58	30

Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7510</b>	<b>1T7511</b>	<b>1T7512</b>	<b>1T7513</b>
EL	●	<b>1T7522</b>	<b>1T7523</b>	<b>1T7524</b>	<b>1T7525</b>
CASAMBI	○	<b>1T7103CA</b>	<b>1T7104CA</b>	<b>1T7105CA</b>	<b>1T7106CA</b>
CASAMBI	●	<b>1T7115CA</b>	<b>1T7116CA</b>	<b>1T7117CA</b>	<b>1T7118CA</b>

### LED / 2,1W / LENS / MWFL



	3000K	H(m)	D(m)	Area(m²)	
Beam (kcd)			43°		
Fixture Power	2W	2	0.75	210	
Source Flux	107lm	4	1.30	86	
Fixture Flux	107lm	4	2.26	39	
Efficiency	41lm/W	4	1.03	39	
TS 1121	Beam 127180up/90m	216cd	4	1.79	30

Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7514</b>	<b>1T7515</b>	<b>1T7516</b>	<b>1T7517</b>
EL	●	<b>1T7526</b>	<b>1T7527</b>	<b>1T7528</b>	<b>1T7529</b>
CASAMBI	○	<b>1T7107CA</b>	<b>1T7108CA</b>	<b>1T7109CA</b>	<b>1T7110CA</b>
CASAMBI	●	<b>1T7119CA</b>	<b>1T7120CA</b>	<b>1T7121CA</b>	<b>1T7122CA</b>

### LED / 2,6W / LENS / SP



	3000K	H(m)	D(m)	Area(m²)	
Beam (kcd)			13°		
Fixture Power	2.6W	2	0.35	200	
Source Flux	204lm	4	0.80	160	
Fixture Flux	184lm	4	0.80	114	
Efficiency	41lm/W	4	0.75	160	
TS 1122	Beam 127180up/90m	9000cd	4	0.96	120

Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7099</b>	<b>1T7100</b>	<b>1T7101</b>	<b>1T7102</b>
EL	●	<b>1T7111</b>	<b>1T7112</b>	<b>1T7113</b>	<b>1T7114</b>

### LED / 2,6W / LENS / FL



	3000K	H(m)	D(m)	Area(m²)	
Beam (kcd)			18°		
Fixture Power	2.6W	2	0.53	196	
Source Flux	204lm	4	1.03	118	
Fixture Flux	171lm	4	1.52	66	
Efficiency	41lm/W	4	1.03	66	
TS 1122	Beam 127180up/90m	5900cd	4	2.58	30

Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7103</b>	<b>1T7104</b>	<b>1T7105</b>	<b>1T7106</b>
EL	●	<b>1T7115</b>	<b>1T7116</b>	<b>1T7117</b>	<b>1T7118</b>

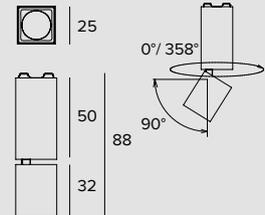
## LED / 2,6W / LENS / MWFL



Version	Colour	2700K	3000K	3500K	4000K
FIXED	○	<b>1T7107</b>	<b>1T7108</b>	<b>1T7109</b>	<b>1T7110</b>
FIXED	●	<b>1T7119</b>	<b>1T7120</b>	<b>1T7121</b>	<b>1T7122</b>



## Lighting module - Single adjustable 25x25mm



## LED / 2,1W / LENS / SP



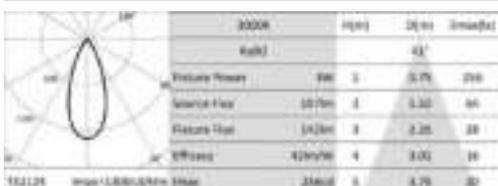
Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7530</b>	<b>1T7531</b>	<b>1T7532</b>	<b>1T7533</b>
EL	●	<b>1T7542</b>	<b>1T7543</b>	<b>1T7544</b>	<b>1T7545</b>
CASAMBI	○	<b>1T7123CA</b>	<b>1T7124CA</b>	<b>1T7125CA</b>	<b>1T7126CA</b>
CASAMBI	●	<b>1T7135CA</b>	<b>1T7136CA</b>	<b>1T7137CA</b>	<b>1T7138CA</b>

## LED / 2,1W / LENS / FL



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7534</b>	<b>1T7535</b>	<b>1T7536</b>	<b>1T7537</b>
EL	●	<b>1T7546</b>	<b>1T7547</b>	<b>1T7548</b>	<b>1T7549</b>
CASAMBI	○	<b>1T7127CA</b>	<b>1T7128CA</b>	<b>1T7129CA</b>	<b>1T7130CA</b>
CASAMBI	●	<b>1T7139CA</b>	<b>1T7140CA</b>	<b>1T7141CA</b>	<b>1T7142CA</b>

## LED / 2,1W / LENS / MWFL



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7538</b>	<b>1T7539</b>	<b>1T7540</b>	<b>1T7541</b>
EL	●	<b>1T7550</b>	<b>1T7551</b>	<b>1T7552</b>	<b>1T7553</b>
CASAMBI	○	<b>1T7131CA</b>	<b>1T7132CA</b>	<b>1T7133CA</b>	<b>1T7134CA</b>
CASAMBI	●	<b>1T7143CA</b>	<b>1T7144CA</b>	<b>1T7145CA</b>	<b>1T7146CA</b>

## LED / 2,6W / LENS / SP



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7123</b>	<b>1T7124</b>	<b>1T7125</b>	<b>1T7126</b>
EL	●	<b>1T7135</b>	<b>1T7136</b>	<b>1T7137</b>	<b>1T7138</b>

LED / 2,6W / LENS / FL



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7127</b>	<b>1T7128</b>	<b>1T7129</b>	<b>1T7130</b>
EL	●	<b>1T7139</b>	<b>1T7140</b>	<b>1T7141</b>	<b>1T7142</b>

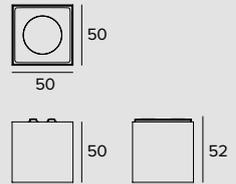
LED / 2,6W / LENS / MWFL



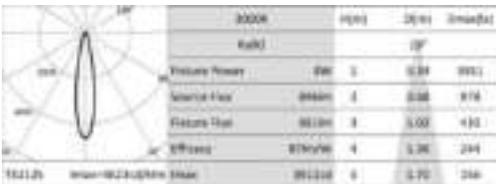
Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7131</b>	<b>1T7132</b>	<b>1T7133</b>	<b>1T7134</b>
EL	●	<b>1T7143</b>	<b>1T7144</b>	<b>1T7145</b>	<b>1T7146</b>



Lighting module - Single fixed 50x50mm



LED / 6,8W / REFLECTOR / SP



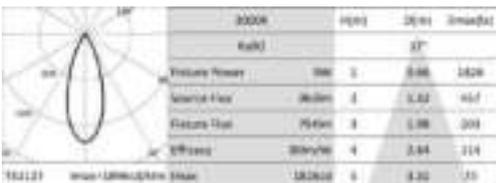
Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7554</b>	<b>1T7555</b>	<b>1T7556</b>	<b>1T7557</b>
EL	●	<b>1T7566</b>	<b>1T7567</b>	<b>1T7568</b>	<b>1T7569</b>
CASAMBI	○	<b>1T7147CA</b>	<b>1T7148CA</b>	<b>1T7149CA</b>	<b>1T7150CA</b>
CASAMBI	●	<b>1T7159CA</b>	<b>1T7160CA</b>	<b>1T7161CA</b>	<b>1T7162CA</b>

LED / 7,6W / REFLECTOR / FL



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7558</b>	<b>1T7559</b>	<b>1T7560</b>	<b>1T7561</b>
EL	●	<b>1T7570</b>	<b>1T7571</b>	<b>1T7572</b>	<b>1T7573</b>
CASAMBI	○	<b>1T7151CA</b>	<b>1T7152CA</b>	<b>1T7153CA</b>	<b>1T7154CA</b>
CASAMBI	●	<b>1T7163CA</b>	<b>1T7164CA</b>	<b>1T7165CA</b>	<b>1T7166CA</b>

LED / 7,6W / REFLECTOR / MWFL



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7562</b>	<b>1T7563</b>	<b>1T7564</b>	<b>1T7565</b>
EL	●	<b>1T7574</b>	<b>1T7575</b>	<b>1T7576</b>	<b>1T7577</b>
CASAMBI	○	<b>1T7155CA</b>	<b>1T7156CA</b>	<b>1T7157CA</b>	<b>1T7158CA</b>
CASAMBI	●	<b>1T7167CA</b>	<b>1T7168CA</b>	<b>1T7169CA</b>	<b>1T7170CA</b>

## LED / 7,5W / REFLECTOR / SP



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7147</b>	<b>1T7148</b>	<b>1T7149</b>	<b>1T7150</b>
EL	●	<b>1T7159</b>	<b>1T7160</b>	<b>1T7161</b>	<b>1T7162</b>

## LED / 8,3W / REFLECTOR / FL

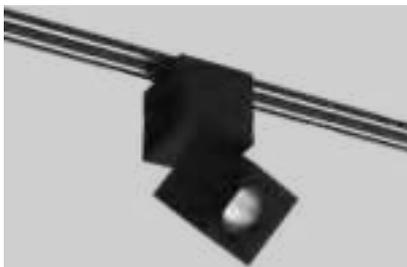


Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7151</b>	<b>1T7152</b>	<b>1T7153</b>	<b>1T7154</b>
EL	●	<b>1T7163</b>	<b>1T7164</b>	<b>1T7165</b>	<b>1T7166</b>

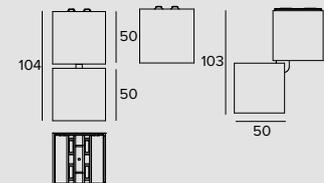
## LED / 8,3W / REFLECTOR / MWFL



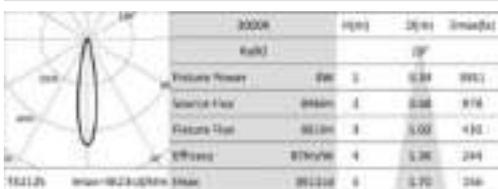
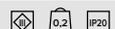
Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7155</b>	<b>1T7156</b>	<b>1T7157</b>	<b>1T7158</b>
EL	●	<b>1T7167</b>	<b>1T7168</b>	<b>1T7169</b>	<b>1T7170</b>



**Lighting module - Single adjustable 50x50mm**



## LED / 6,8W / REFLECTOR / SP



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7578</b>	<b>1T7579</b>	<b>1T7580</b>	<b>1T7581</b>
EL	●	<b>1T7590</b>	<b>1T7591</b>	<b>1T7592</b>	<b>1T7593</b>
CASAMBI	○	<b>1T7407CA</b>	<b>1T7408CA</b>	<b>1T7409CA</b>	<b>1T7410CA</b>
CASAMBI	●	<b>1T7419CA</b>	<b>1T7420CA</b>	<b>1T7421CA</b>	<b>1T7422CA</b>

## LED / 7,6W / REFLECTOR / FL



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7582</b>	<b>1T7583</b>	<b>1T7584</b>	<b>1T7585</b>
EL	●	<b>1T7594</b>	<b>1T7595</b>	<b>1T7596</b>	<b>1T7597</b>
CASAMBI	○	<b>1T7411CA</b>	<b>1T7412CA</b>	<b>1T7413CA</b>	<b>1T7414CA</b>
CASAMBI	●	<b>1T7423CA</b>	<b>1T7424CA</b>	<b>1T7425CA</b>	<b>1T7426CA</b>

**LED / 7,6W / REFLECTOR / MWFL**



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7586</b>	<b>1T7587</b>	<b>1T7588</b>	<b>1T7589</b>
EL	●	<b>1T7598</b>	<b>1T7599</b>	<b>1T7600</b>	<b>1T7601</b>
CASAMBI	○	<b>1T7415CA</b>	<b>1T7416CA</b>	<b>1T7417CA</b>	<b>1T7418CA</b>
CASAMBI	●	<b>1T7427CA</b>	<b>1T7428CA</b>	<b>1T7429CA</b>	<b>1T7430CA</b>

**LED / 7,5W / REFLECTOR / SP**



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7407</b>	<b>1T7408</b>	<b>1T7409</b>	<b>1T7410</b>
EL	●	<b>1T7419</b>	<b>1T7420</b>	<b>1T7421</b>	<b>1T7422</b>

**LED / 8,3W / REFLECTOR / FL**



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7411</b>	<b>1T7412</b>	<b>1T7413</b>	<b>1T7414</b>
EL	●	<b>1T7423</b>	<b>1T7424</b>	<b>1T7425</b>	<b>1T7426</b>

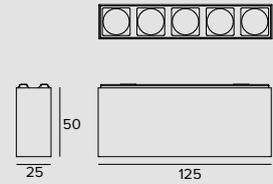
**LED / 8,3W / REFLECTOR / MWFL**



Version	Colour	2700K	3000K	3500K	4000K
EL	○	<b>1T7415</b>	<b>1T7416</b>	<b>1T7417</b>	<b>1T7418</b>
EL	●	<b>1T7427</b>	<b>1T7428</b>	<b>1T7429</b>	<b>1T7430</b>



## Lighting module - Multiple Piccolo 5X (25x125mm)



### 8,7W / LENS / SP



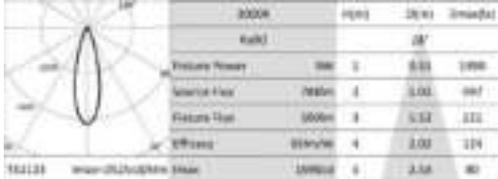
Version	Colour	2700K	3000K	3500K	4000K
5X	○	<b>1T7441</b>	<b>1T7442</b>	<b>1T7443</b>	<b>1T7444</b>
5X	●	<b>1T7453</b>	<b>1T7454</b>	<b>1T7455</b>	<b>1T7456</b>

### 8,7W / LENS / SP



Version	Colour	2700K	3000K	3500K	4000K
5X CASAMBI	○	<b>1T7441CA</b>	<b>1T7442CA</b>	<b>1T7443CA</b>	<b>1T7444CA</b>
5X CASAMBI	●	<b>1T7453CA</b>	<b>1T7454CA</b>	<b>1T7455CA</b>	<b>1T7456CA</b>

### 8,7W / LENS / FL



Version	Colour	2700K	3000K	3500K	4000K
5X	○	<b>1T7445</b>	<b>1T7446</b>	<b>1T7447</b>	<b>1T7448</b>
5X	●	<b>1T7457</b>	<b>1T7458</b>	<b>1T7459</b>	<b>1T7460</b>

### 8,7W / LENS / FL



Version	Colour	2700K	3000K	3500K	4000K
5X CASAMBI	○	<b>1T7445CA</b>	<b>1T7446CA</b>	<b>1T7447CA</b>	<b>1T7448CA</b>
5X CASAMBI	●	<b>1T7457CA</b>	<b>1T7458CA</b>	<b>1T7459CA</b>	<b>1T7460CA</b>

### 8,7W / LENS / MWFL



Version	Colour	2700K	3000K	3500K	4000K
5X	○	<b>1T7449</b>	<b>1T7450</b>	<b>1T7451</b>	<b>1T7452</b>
5X	●	<b>1T7461</b>	<b>1T7462</b>	<b>1T7463</b>	<b>1T7464</b>

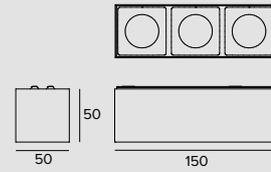
### 8,7W / LENS / MWFL



Version	Colour	2700K	3000K	3500K	4000K
5X CASAMBI	○	<b>1T7449CA</b>	<b>1T7450CA</b>	<b>1T7451CA</b>	<b>1T7452CA</b>
5X CASAMBI	●	<b>1T7461CA</b>	<b>1T7462CA</b>	<b>1T7463CA</b>	<b>1T7464CA</b>



## Lighting module - Multiple Grande 3X (50x150mm)

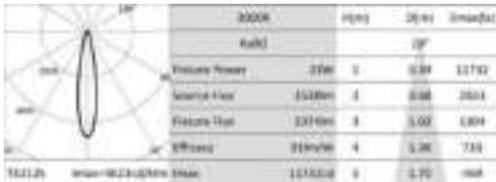


### 21W / REFLECTOR / SP



Version	Colour	2700K	3000K	3500K	4000K
3X	○	<b>1T7465</b>	<b>1T7466</b>	<b>1T7467</b>	<b>1T7468</b>
3X	●	<b>1T7477</b>	<b>1T7478</b>	<b>1T7479</b>	<b>1T7480</b>

### 21W / REFLECTOR / SP



Version	Colour	2700K	3000K	3500K	4000K
3X CASAMBI	○	<b>1T7465CA</b>	<b>1T7466CA</b>	<b>1T7467CA</b>	<b>1T7468CA</b>
3X CASAMBI	●	<b>1T7477CA</b>	<b>1T7478CA</b>	<b>1T7479CA</b>	<b>1T7480CA</b>

### 23W / REFLECTOR / FL



Version	Colour	2700K	3000K	3500K	4000K
3X	○	<b>1T7469</b>	<b>1T7470</b>	<b>1T7471</b>	<b>1T7472</b>
3X	●	<b>1T7481</b>	<b>1T7482</b>	<b>1T7483</b>	<b>1T7484</b>

### 23W / REFLECTOR / FL



Version	Colour	2700K	3000K	3500K	4000K
3X CASAMBI	○	<b>1T7469CA</b>	<b>1T7470CA</b>	<b>1T7471CA</b>	<b>1T7472CA</b>
3X CASAMBI	●	<b>1T7481CA</b>	<b>1T7482CA</b>	<b>1T7483CA</b>	<b>1T7484CA</b>

### 23W / REFLECTOR / MWFL



Version	Colour	2700K	3000K	3500K	4000K
3X	○	<b>1T7473</b>	<b>1T7474</b>	<b>1T7475</b>	<b>1T7476</b>
3X	●	<b>1T7485</b>	<b>1T7486</b>	<b>1T7487</b>	<b>1T7488</b>

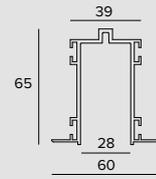
### 22,8W / REFLECTOR / MWFL



Version	Colour	2700K	3000K	3500K	4000K
3X CASAMBI	○	<b>1T7473CA</b>	<b>1T7474CA</b>	<b>1T7475CA</b>	<b>1T7476CA</b>
3X CASAMBI	●	<b>1T7485CA</b>	<b>1T7486CA</b>	<b>1T7487CA</b>	<b>1T7488CA</b>



## Recessed profile small



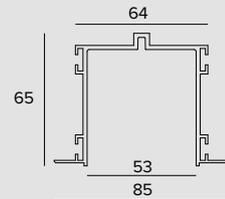
### PROFILO

Recessed profile for 25x25mm light modules.  
Extruded painted aluminium profile.  
For trimless installation or with a flange.  
To be completed with Power Track.

	Kg	L	Colour	Code
	1.1	1000	○	<b>1T7031</b>
	2.2	2000	○	<b>1T7032</b>
	3.3	3000	○	<b>1T7033</b>
	1.1	1000	●	<b>1T7034</b>
	2.2	2000	●	<b>1T7035</b>
	3.3	3000	●	<b>1T7036</b>



## Recessed profile large



### PROFILO

Recessed profile for 25x25mm and 50x50mm light modules.  
Extruded painted aluminium profile.  
For trimless installation or with a flange.  
To be completed with Power Track.

	Kg	L	Colour	Code
	1.2	1000	○	<b>1T7067</b>
	2.5	2000	○	<b>1T7068</b>
	3.7	3000	○	<b>1T7069</b>
	1.2	1000	●	<b>1T7070</b>
	2.5	2000	●	<b>1T7071</b>
	3.7	3000	●	<b>1T7072</b>

## Related codes

### Mounting System



Code

**1T7043**

Steel bracket for recessed installation of the small profile.  
2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.

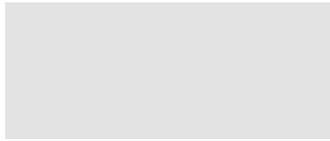
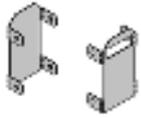


Code

**1T7076**

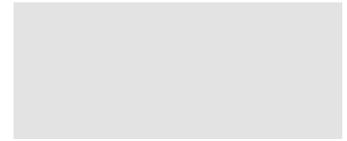
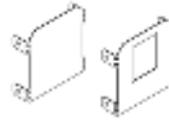
Steel bracket for recessed installation of the large profile.  
2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.

## End Caps



Colour	Code
○	<b>1T7039</b>
●	<b>1T7040</b>

Kit containing 2 profile end caps.  
For small recessed profiles.



Colour	Code
○	<b>1T7073</b>
●	<b>1T7074</b>

Kit containing 2 profile end caps.  
For large recessed profiles.

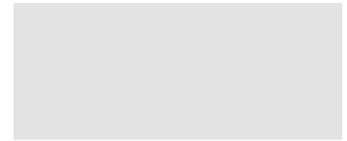
## Accessories

### Mechanical connector



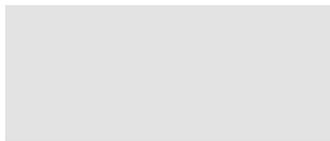
Code
<b>1T7041</b>

Kit composed of 2 mechanical linear joints and 4 thrust screws.  
For trimless installation profile.



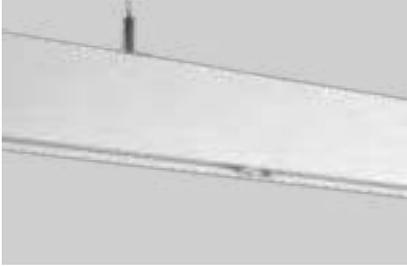
Colour	Code
○	<b>1T7037</b>
●	<b>1T7038</b>

Mechanical L connector.  
For small recessed profiles.



Colour	Code
○	<b>1T7437</b>
●	<b>1T7438</b>

Mechanical L connector.  
For large recessed profiles.



## Ceiling/Suspension installation profile small



### HEAD MODULE

Ceiling/suspension installation profile for 25x25mm light modules.

Extruded painted aluminium profile.

For stand-alone installation only used head modules.

For system installation it is necessary to start the configuration with a head module.

For closed configurations, you need to order two head modules to be installed opposite.

To be completed with Power Track.

	Kg	L	Colour	Code
	0.8	1015	○	<b>1T7050</b>
	1.7	2015	○	<b>1T7051</b>
	2.6	3015	○	<b>1T7052</b>
	0.8	1015	●	<b>1T7053</b>
	1.7	2015	●	<b>1T7054</b>
	2.6	3015	●	<b>1T7055</b>

### CENTRAL/END MODULE

Ceiling/suspension installation profile for 25x25mm light modules.

Extruded painted aluminium profile.

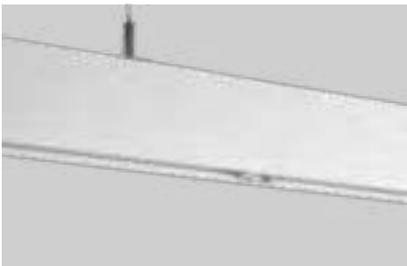
For stand-alone installation only used head modules.

For system installation it is necessary to start the configuration with a head module.

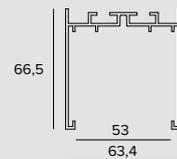
For closed configurations, you need to order two head modules to be installed opposite.

To be completed with Power Track.

	Kg	L	Colour	Code
	0.8	1000	○	<b>1T7044</b>
	1.7	2000	○	<b>1T7045</b>
	2.6	3000	○	<b>1T7046</b>
	0.8	1000	●	<b>1T7047</b>
	1.7	2000	●	<b>1T7048</b>
	2.6	3000	●	<b>1T7049</b>



## Ceiling/Suspension installation profile large



### HEAD MODULE

Ceiling/suspension installation profile for 25x25mm and 50x50mm light modules.

Extruded painted aluminium profile.

For stand-alone installation only used head modules.

For system installation it is necessary to start the configuration with a head module.

For closed configurations, you need to order two head modules to be installed opposite.

To be completed with Power Track.

	Kg	L	Colour	Code
	1	1015	○	<b>1T7083</b>
	2.1	2015	○	<b>1T7084</b>
	3.1	3015	○	<b>1T7085</b>
	1	1015	●	<b>1T7086</b>
	2.1	2015	●	<b>1T7087</b>
	3.1	3015	●	<b>1T7088</b>

## CENTRAL/END MODULE



Ceiling/suspension installation profile for 25x25mm and 50x50mm light modules.

Extruded painted aluminium profile.

For stand-alone installation only used head modules.

For system installation it is necessary to start the configuration with a head module.

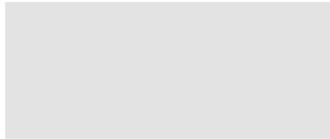
For closed configurations, you need to order two head modules to be installed opposite.

To be completed with Power Track.

	Kg	L	Colour	Code
	1	1000	○	<b>1T7077</b>
	2.1	2000	○	<b>1T7078</b>
	3.1	3000	○	<b>1T7079</b>
	1	1000	●	<b>1T7080</b>
	2.1	2000	●	<b>1T7081</b>
	3.1	3000	●	<b>1T7082</b>

## Related codes

### End Caps



Colour	Code
○	<b>1T7062</b>
●	<b>1T7063</b>

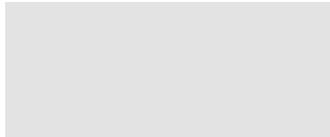
Kit containing 2 profile end caps.  
For small ceiling/suspension mounted profiles.



Colour	Code
○	<b>1T7095</b>
●	<b>1T7096</b>

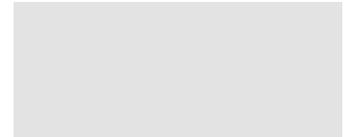
Kit containing 2 profile end caps.  
For large ceiling/suspension mounted profiles.

### Mounting System



Code
<b>1T7065</b>

Ceiling installation kit.  
2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.

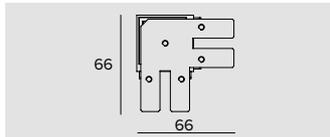


Code
<b>1T7066</b>

Suspension installation kit.  
2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.

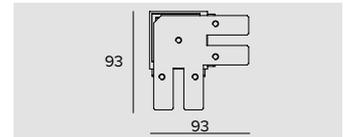
## Accessories

### Mechanical connector



Colour	Code
○	<b>1T7056</b>
●	<b>1T7059</b>

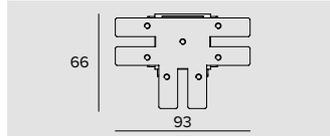
Mechanical L connector.  
For small ceiling/suspension mounted profiles.



Colour	Code
○	<b>1T7089</b>
●	<b>1T7092</b>

Mechanical L connector.  
For large ceiling/suspension mounted profiles.

# OZ

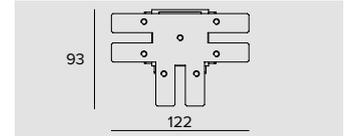


Colour      Code

○            **1T7057**

●            **1T7060**

Mechanical T connector.  
For small ceiling/suspension mounted profiles.

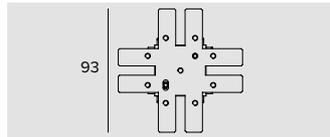


Colour      Code

○            **1T7090**

●            **1T7093**

Mechanical T connector.  
For large ceiling/suspension mounted profiles.

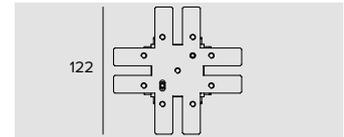


Colour      Code

○            **1T7058**

●            **1T7061**

Mechanical X connector.  
For small ceiling/suspension mounted profiles.

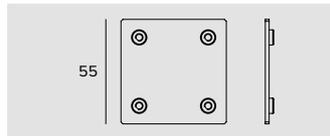


Colour      Code

○            **1T7091**

●            **1T7094**

Mechanical X connector.  
For large ceiling/suspension mounted profiles.



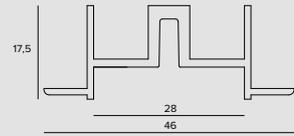
Colour      Code

○            **1T7064**

●            **1T7097**

Kit composed of 2 mechanical linear joints and 8 thrust screws.  
For ceiling/suspension installation profile.

## Recessed profile for Power Track



### HEAD MODULE



Recessed profile for Power Track.  
Extruded painted aluminium profile.  
For trimless installation or with a flange.  
To be completed with Power Track.

Kg	L	Colour	Code
0.4	1015	○	<b>1T7495</b>
0.8	2015	○	<b>1T7496</b>
1.2	3015	○	<b>1T7497</b>
0.4	1015	●	<b>1T7498</b>
0.8	2015	●	<b>1T7499</b>
1.2	3015	●	<b>1T7500</b>

### CENTRAL/END MODULE



Recessed profile for Power Track.  
Extruded painted aluminium profile.  
For trimless installation or with a flange.  
To be completed with Power Track.

Kg	L	Colour	Code
0.4	1000	○	<b>1T7489</b>
0.8	2000	○	<b>1T7490</b>
1.2	3000	○	<b>1T7491</b>
0.4	1000	●	<b>1T7492</b>
0.8	2000	●	<b>1T7493</b>
1.2	3000	●	<b>1T7494</b>

## Related codes

### Mounting System



Code

**1T7501**

Steel bracket for Power Track built-in installation.  
2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.

# FORTYEIGHT

## GENERAL INFO

### TRACK

A modular system with variable lengths to be equipped with projectors and linear light fixtures. The track version varies depending on the type of installation.

### LABEL

Projectors for track installation available in a double version with a short and long bracket depending on the type of installation selected.

The optical unit can be adjusted from 0° a 90° on the vertical plane and 360° on the horizontal plane with friction blocking system.

Ø40mm – Ø60mm

### LOGICO 30

Low voltage linear LED fixture for track installation.

Lengths: 294mm – 573mm – 1132mm – 1970mm

L Module: 310mm

### LED

LABEL4 and 6: Chip on board Ra90

LABEL 2: LED emitter Ra90

From 124lm to 1821lm

2700K – 3000K – 4000K

LOGICO 30: Linear boards Ra90

From 750lm to 5600lm

3000K – 4000K

## PRODUCT EFFICACY

LABEL: up to 107lm/W

LOGICO 30: up to 77 lm/W

## OPTICS

LABEL: SP – FL – MWFL

LOGICO 30: OPAL

## POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

LABEL: Painted extruded aluminium body.

LOGICO 30: Painted extruded aluminium body

A 48V system that can be recessed or deep recessed both with a trimless finish, ceiling or wall and suspension mounted. It can be fitted at any point with linear lighting fixtures due to its simple mechanical fixing system.

It is very small in size 27mm in width by 21mm - 25mm or 53mm in height.

The deep recessed version must be equipped with LABEL projectors with long brackets.





# Bally

**Lighting design**  
Ing. Angelo Iorio,  
U&Me Consulting

**Country**  
Milan - Italy



There are two recessed versions both with a trimless finish:

- Simple recessed with a flush system and protruding fixtures
- Deep recessed completely hidden in the ceiling with linear light elements. For this version the projectors have a longer bracket to allow for maximum extraction and adjustability.



## Wall mounted installation

For effective easy lighting for example in retail spaces  
such as shop windows.

---

03  
Logico 30



Linear modules  
complete with  
opaline screens

For a soft and diffused lighting effect equipped with LED 3000K and 4000K sources with Ra90.

The system can  
be configured in  
various ways

Thanks to the use of linear joints and the new corner joints that make it possible to create closed and open loops. Available a new corner light module for lines of seamless light.

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## 04 Label 48V



### 48V projectors available in three sizes

Specially designed for applications in the retail, interior and hotel sectors with a simple, minimal shape and small dimensions. All versions have a remote power supply to minimise any visual impact. The new LABEL 2 (Ø20 mm), LABEL 4 (Ø40 mm) and LABEL 6 (Ø59 mm) are all equipped with Ra90 LED sources with 2700K, 3000K and 4000K colour temperatures.

---

## 05 Label 2

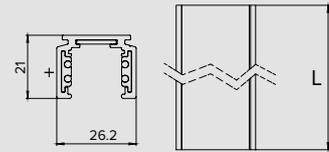


## New LABEL 2

The new miniaturised projector enhances the LABEL range. Just 20 mm in diameter for a 4W projector with a professional performance. Available with three different optics equipped with lenses for the SP - FL - MWFL versions.



## Track standard

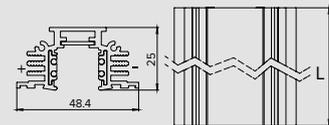


### STANDARD ◊

Kg	L	Colour	Code
0.7	1000	○	9500-1/W2-ST1
1.4	2000	○	9500-2/W2-ST1
2.1	3000	○	9500-3/W2-ST1
0.7	1000	●	9500-1/B-ST1
1.4	2000	●	9500-2/B-ST1
2.1	3000	●	9500-3/B-ST1



## Track trimless

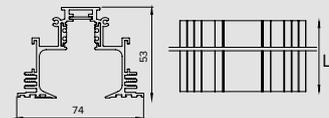


### TRIMLESS ◊

Kg	L	Colour	Code
1.1	1000	○	9500-1/W2-ST3
2.2	2000	○	9500-2/W2-ST3
3.4	3000	○	9500-3/W2-ST3
1.1	1000	●	9500-1/B-ST3
2.2	2000	●	9500-2/B-ST3
3.4	3000	●	9500-3/B-ST3



## Track trimless deep



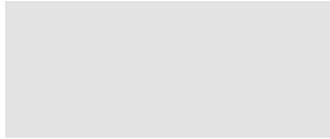
### TRIMLESS DEEP ◊

Kg	L	Colour	Code
1.6	1000	○	9500-1/W2-TA1
3.2	2000	○	9500-2/W2-TA1
4.8	3000	○	9500-3/W2-TA1
1.6	1000	●	9500-1/B-TA1
3.2	2000	●	9500-2/B-TA1
4.8	3000	●	9500-3/B-TA1

# FORTYEIGHT

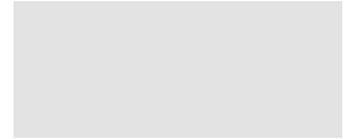
## Related codes

### End Caps



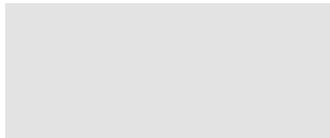
Colour	Code
○	<b>9504/ST1-W2</b>
●	<b>9504/ST1-B</b>

End cap for Standard track.  
1X



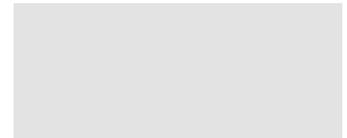
Colour	Code
○	<b>9504/ST3-W2</b>
●	<b>9504/ST3-B</b>

End cap for Trimless track.  
1X



Colour	Code
○	<b>1T7171</b>
●	<b>1T6801</b>

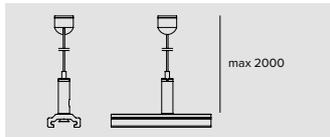
End cap for Trimless Deep track.  
2X



Colour	Code
○	<b>9504/ST1-W2-F</b>
●	<b>9504/ST1-B-F</b>

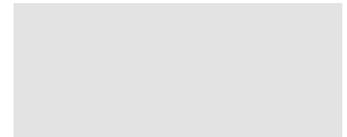
End cap for Standard track with a cable feedthrough hole.  
1X

### Mounting System



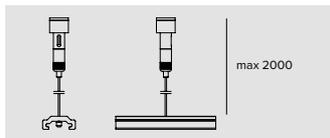
Colour	Code
○	<b>1T6802</b>
●	<b>1T6804</b>

Suspension kit with ABS control over the fixture.



Colour	Code
○	<b>S-9500/315</b>

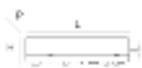
Bracket for trimless applications.  
For every metre of track 4 brackets must be used, 2 for each side.



Colour	Code
○	<b>1T6803</b>
●	<b>1T6805</b>

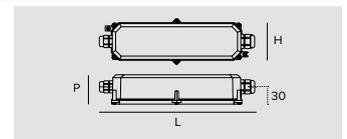
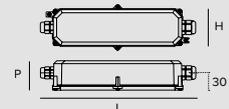
Suspension kit with ceiling adjustment.

### Power Supply



Code
<b>1T6917EL</b>

Driver 48Vdc 60W EL.  
LxHxP=225x36x60mm - maximum distance 20m - cable 1.5mm<sup>2</sup>.  
IP20.  
Universal power supply for Electronic, DALI and Casambi systems.



Code
<b>1E2321</b>

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1T6916EL**

Driver 48Vdc 130W EL.  
LxHxP=240x49x60mm - maximum distance 10m - cable 1.5mm<sup>2</sup>.  
IP20.  
Universal power supply for Electronic, DALI and Casambi systems.



Colour

Code



**9501-S/W**



**9501-S/B**

Power head unpolarised.

## Accessories

### Mechanical connector



Colour

Code



**S-9500/314-W2**



**S-9500/314-B**

Reinforcement bracket for direct coupling for trimless applications.

### Tool



Code

**S-9000/T**

Tool for shearing conductors, to be used if necessary to cut the track during installation.

### Electrical Connector



Colour

Code



**9511/W2**



**9511/B**

Unpolarised L joint.  
Only for recessed installation.  
For L joints the tracks must first be cut to 45°.



Colour

Code



**9503-S/W**



**9503-S/B**

Unpolarised through joint.

### Control systems



Code

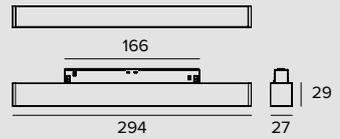
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# FORTYEIGHT



**Logico 30  
L. 294mm**



## LED / 6W / OPAL

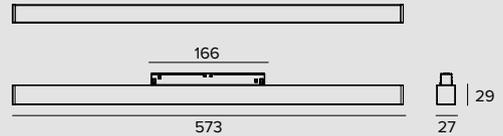


3000K Ra83	3000K		4000K Ra83
	HM	DA	
	760	3	377
	750mm	3	44
	385mm	3	30
	192mm	4	11
	96mm	6	7

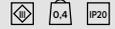
Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6619EL</b>	<b>1T6620EL</b>
48Vdc	EL.	●	<b>1T6621EL</b>	<b>1T6622EL</b>
48Vdc	DALI	○	<b>1T6619DA</b>	<b>1T6620DA</b>
48Vdc	DALI	●	<b>1T6621DA</b>	<b>1T6622DA</b>



**Logico 30  
L. 573mm**



## LED / 12W / OPAL

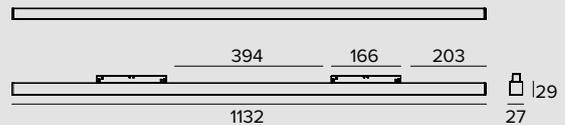


3000K Ra83	3000K		4000K Ra83
	HM	DA	
	1280	3	613
	1300mm	3	80
	640mm	3	59
	320mm	4	22
	160mm	6	15

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6623EL</b>	<b>1T6624EL</b>
48Vdc	EL.	●	<b>1T6625EL</b>	<b>1T6626EL</b>
48Vdc	DALI	○	<b>1T6623DA</b>	<b>1T6624DA</b>
48Vdc	DALI	●	<b>1T6625DA</b>	<b>1T6626DA</b>



**Logico 30  
L. 1132mm**



## LED / 24W / OPAL

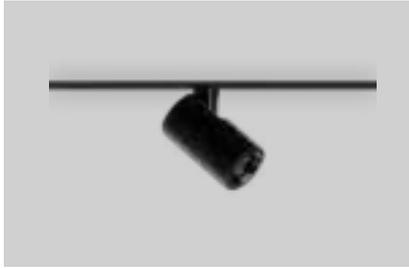


3000K Ra83	3000K		4000K Ra83
	HM	DA	
	1280	3	613
	1300mm	3	177
	640mm	3	79
	320mm	4	40
	160mm	6	28

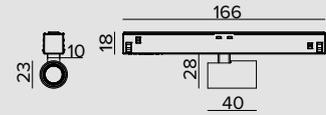
Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6627EL</b>	<b>1T6628EL</b>
48Vdc	EL.	●	<b>1T6629EL</b>	<b>1T6630EL</b>
48Vdc	DALI	○	<b>1T6627DA</b>	<b>1T6628DA</b>
48Vdc	DALI	●	<b>1T6629DA</b>	<b>1T6630DA</b>



# FORTYEIGHT



**Label 2 short arm**



**LED / 2,6W / LENS / SP** ☒ 0.13 IP20

Beam angle	3000K		2700K		4000K	
	Φ	lm	Φ	lm	Φ	lm
40°	1428	1428	1428	1428	1428	1428
32°	1856	1856	1856	1856	1856	1856
24°	2475	2475	2475	2475	2475	2475
16°	3713	3713	3713	3713	3713	3713

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6639EL</b>	<b>1T6640EL</b>	<b>1T6641EL</b>
48Vdc	EL.	●	<b>1T6642EL</b>	<b>1T6643EL</b>	<b>1T6644EL</b>
48Vdc	DALI	○	<b>1T6639DA</b>	<b>1T6640DA</b>	<b>1T6641DA</b>
48Vdc	DALI	●	<b>1T6642DA</b>	<b>1T6643DA</b>	<b>1T6644DA</b>

**LED / 2,6W / LENS / FL** ☒ 0.13 IP20

Beam angle	3000K		2700K		4000K	
	Φ	lm	Φ	lm	Φ	lm
40°	1428	1428	1428	1428	1428	1428
32°	1856	1856	1856	1856	1856	1856
24°	2475	2475	2475	2475	2475	2475
16°	3713	3713	3713	3713	3713	3713

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6645EL</b>	<b>1T6646EL</b>	<b>1T6647EL</b>
48Vdc	EL.	●	<b>1T6648EL</b>	<b>1T6649EL</b>	<b>1T6650EL</b>
48Vdc	DALI	○	<b>1T6645DA</b>	<b>1T6646DA</b>	<b>1T6647DA</b>
48Vdc	DALI	●	<b>1T6648DA</b>	<b>1T6649DA</b>	<b>1T6650DA</b>

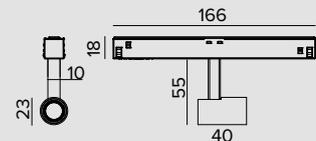
**LED / 2,6W / LENS / MWFL** ☒ 0.13 IP20

Beam angle	3000K		2700K		4000K	
	Φ	lm	Φ	lm	Φ	lm
40°	1428	1428	1428	1428	1428	1428
32°	1856	1856	1856	1856	1856	1856
24°	2475	2475	2475	2475	2475	2475
16°	3713	3713	3713	3713	3713	3713

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6651EL</b>	<b>1T6652EL</b>	<b>1T6653EL</b>
48Vdc	EL.	●	<b>1T6654EL</b>	<b>1T6655EL</b>	<b>1T6656EL</b>
48Vdc	DALI	○	<b>1T6651DA</b>	<b>1T6652DA</b>	<b>1T6653DA</b>
48Vdc	DALI	●	<b>1T6654DA</b>	<b>1T6655DA</b>	<b>1T6656DA</b>



**Label 2 long arm**



**LED / 2,6W / LENS / SP** ☒ 0.13 IP20

Beam angle	3000K		2700K		4000K	
	Φ	lm	Φ	lm	Φ	lm
40°	1428	1428	1428	1428	1428	1428
32°	1856	1856	1856	1856	1856	1856
24°	2475	2475	2475	2475	2475	2475
16°	3713	3713	3713	3713	3713	3713

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6693EL</b>	<b>1T6694EL</b>	<b>1T6695EL</b>
48Vdc	EL.	●	<b>1T6696EL</b>	<b>1T6697EL</b>	<b>1T6698EL</b>
48Vdc	DALI	○	<b>1T6693DA</b>	<b>1T6694DA</b>	<b>1T6695DA</b>
48Vdc	DALI	●	<b>1T6696DA</b>	<b>1T6697DA</b>	<b>1T6698DA</b>

LED / 2,6W / LENS / FL



	3000K	H(m)	D(m)	Area(m²)	
Beam (d)			40°		
Fixture Power	2W	2	0.34	140	
Source Flux	100lm	1	1.07	67	
Fixture Flux	122lm	1	1.41	88	
Efficiency	30lm/W	4	2.15	22	
162106	Area=15000(Light) Area	14602	6	2.88	10

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6699EL</b>	<b>1T6700EL</b>	<b>1T6701EL</b>
48Vdc	EL.	●	<b>1T6702EL</b>	<b>1T6703EL</b>	<b>1T6704EL</b>
48Vdc	DALI	○	<b>1T6699DA</b>	<b>1T6700DA</b>	<b>1T6701DA</b>
48Vdc	DALI	●	<b>1T6702DA</b>	<b>1T6703DA</b>	<b>1T6704DA</b>

LED / 2,6W / LENS / MWFL

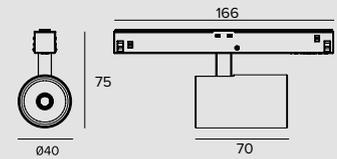


	3000K	H(m)	D(m)	Area(m²)	
Beam (d)			40° / 40°		
Fixture Power	2W	2	0.49	178	
Source Flux	100lm	1	1.26	66	
Fixture Flux	122lm	1	1.76	70	
Efficiency	30lm/W	4	2.25	22	
162106	Area=15000(Light) Area	17818	6	4.00	7

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6705EL</b>	<b>1T6706EL</b>	<b>1T6707EL</b>
48Vdc	EL.	●	<b>1T6708EL</b>	<b>1T6709EL</b>	<b>1T6710EL</b>
48Vdc	DALI	○	<b>1T6705DA</b>	<b>1T6706DA</b>	<b>1T6707DA</b>
48Vdc	DALI	●	<b>1T6708DA</b>	<b>1T6709DA</b>	<b>1T6710DA</b>



Label 4 short arm



LED / 8W / REFLECTOR / SP



	3000K	H(m)	D(m)	Area(m²)	
Beam (d)			28°		
Fixture Power	8W	2	0.53	2214	
Source Flux	800lm	1	0.62	1054	
Fixture Flux	922lm	1	0.93	949	
Efficiency	71lm/W	4	1.24	289	
162072	Area=12000(Light) Area	92192	6	1.49	268

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6657EL</b>	<b>1T6658EL</b>	<b>1T6659EL</b>
48Vdc	EL.	●	<b>1T6660EL</b>	<b>1T6661EL</b>	<b>1T6662EL</b>
48Vdc	DALI	○	<b>1T6657DA</b>	<b>1T6658DA</b>	<b>1T6659DA</b>
48Vdc	DALI	●	<b>1T6660DA</b>	<b>1T6661DA</b>	<b>1T6662DA</b>

LED / 8W / REFLECTOR / FL



	3000K	H(m)	D(m)	Area(m²)	
Beam (d)			27°		
Fixture Power	8W	2	0.58	2208	
Source Flux	1120lm	1	0.90	880	
Fixture Flux	800lm	1	1.41	101	
Efficiency	82lm/W	4	1.91	280	
162073	Area=12000(Light) Area	82192	6	2.98	128

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6663EL</b>	<b>1T6664EL</b>	<b>1T6665EL</b>
48Vdc	EL.	●	<b>1T6666EL</b>	<b>1T6667EL</b>	<b>1T6668EL</b>
48Vdc	DALI	○	<b>1T6663DA</b>	<b>1T6664DA</b>	<b>1T6665DA</b>
48Vdc	DALI	●	<b>1T6666DA</b>	<b>1T6667DA</b>	<b>1T6668DA</b>

LED / 8W / REFLECTOR / MWFL



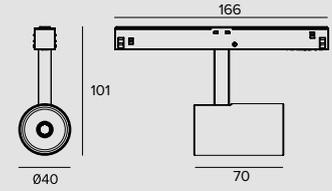
	3000K	H(m)	D(m)	Area(m²)	
Beam (d)			42°		
Fixture Power	8W	2	0.76	1801	
Source Flux	1120lm	1	1.12	918	
Fixture Flux	800lm	1	1.28	101	
Efficiency	82lm/W	4	1.04	114	
162074	Area=12000(Light) Area	18012	6	1.80	10

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6669EL</b>	<b>1T6670EL</b>	<b>1T6671EL</b>
48Vdc	EL.	●	<b>1T6672EL</b>	<b>1T6673EL</b>	<b>1T6674EL</b>
48Vdc	DALI	○	<b>1T6669DA</b>	<b>1T6670DA</b>	<b>1T6671DA</b>
48Vdc	DALI	●	<b>1T6672DA</b>	<b>1T6673DA</b>	<b>1T6674DA</b>

# FORTYEIGHT



**Label 4 long arm**



**LED / 8W / REFLECTOR / SP** ☒ 0.16 IP20

Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
28°	11.23lm	1.52	11.23lm	1.52	11.23lm	1.52
36°	13.29lm	1.82	13.29lm	1.82	13.29lm	1.82
42°	15.29lm	2.12	15.29lm	2.12	15.29lm	2.12
48°	17.29lm	2.42	17.29lm	2.42	17.29lm	2.42
54°	19.29lm	2.72	19.29lm	2.72	19.29lm	2.72
60°	21.29lm	3.02	21.29lm	3.02	21.29lm	3.02

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6711EL</b>	<b>1T6712EL</b>	<b>1T6713EL</b>
48Vdc	EL.	●	<b>1T6714EL</b>	<b>1T6715EL</b>	<b>1T6716EL</b>
48Vdc	DALI	○	<b>1T6711DA</b>	<b>1T6712DA</b>	<b>1T6713DA</b>
48Vdc	DALI	●	<b>1T6714DA</b>	<b>1T6715DA</b>	<b>1T6716DA</b>

**LED / 8W / REFLECTOR / FL** ☒ 0.16 IP20

Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
28°	11.23lm	1.52	11.23lm	1.52	11.23lm	1.52
36°	13.29lm	1.82	13.29lm	1.82	13.29lm	1.82
42°	15.29lm	2.12	15.29lm	2.12	15.29lm	2.12
48°	17.29lm	2.42	17.29lm	2.42	17.29lm	2.42
54°	19.29lm	2.72	19.29lm	2.72	19.29lm	2.72
60°	21.29lm	3.02	21.29lm	3.02	21.29lm	3.02

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6717EL</b>	<b>1T6718EL</b>	<b>1T6719EL</b>
48Vdc	EL.	●	<b>1T6720EL</b>	<b>1T6721EL</b>	<b>1T6722EL</b>
48Vdc	DALI	○	<b>1T6717DA</b>	<b>1T6718DA</b>	<b>1T6719DA</b>
48Vdc	DALI	●	<b>1T6720DA</b>	<b>1T6721DA</b>	<b>1T6722DA</b>

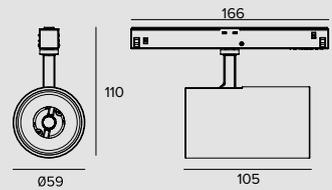
**LED / 8W / REFLECTOR / MWFL** ☒ 0.16 IP20

Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
28°	11.23lm	1.52	11.23lm	1.52	11.23lm	1.52
36°	13.29lm	1.82	13.29lm	1.82	13.29lm	1.82
42°	15.29lm	2.12	15.29lm	2.12	15.29lm	2.12
48°	17.29lm	2.42	17.29lm	2.42	17.29lm	2.42
54°	19.29lm	2.72	19.29lm	2.72	19.29lm	2.72
60°	21.29lm	3.02	21.29lm	3.02	21.29lm	3.02

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6723EL</b>	<b>1T6724EL</b>	<b>1T6725EL</b>
48Vdc	EL.	●	<b>1T6726EL</b>	<b>1T6727EL</b>	<b>1T6728EL</b>
48Vdc	DALI	○	<b>1T6723DA</b>	<b>1T6724DA</b>	<b>1T6725DA</b>
48Vdc	DALI	●	<b>1T6726DA</b>	<b>1T6727DA</b>	<b>1T6728DA</b>



**Label 6 short arm**



**LED / 14W / REFLECTOR / SP** ☒ 0.20 IP20

Beam angle	3000K		4000K		5000K	
	Beam	Beam	Beam	Beam	Beam	Beam
28°	22.46lm	3.04	22.46lm	3.04	22.46lm	3.04
36°	26.95lm	3.65	26.95lm	3.65	26.95lm	3.65
42°	31.44lm	4.26	31.44lm	4.26	31.44lm	4.26
48°	35.93lm	4.87	35.93lm	4.87	35.93lm	4.87
54°	40.42lm	5.48	40.42lm	5.48	40.42lm	5.48
60°	44.91lm	6.09	44.91lm	6.09	44.91lm	6.09

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6675EL</b>	<b>1T6676EL</b>	<b>1T6677EL</b>
48Vdc	EL.	●	<b>1T6678EL</b>	<b>1T6679EL</b>	<b>1T6680EL</b>
48Vdc	DALI	○	<b>1T6675DA</b>	<b>1T6676DA</b>	<b>1T6677DA</b>
48Vdc	DALI	●	<b>1T6678DA</b>	<b>1T6679DA</b>	<b>1T6680DA</b>

LED / 14W / REFLECTOR / FL



	3000K	4000K	5000K	6000K	
Beam (°)	31°				
Fixture Power	12W	0	0.36	0.10	
Source Flux	179lm	4	0.11	1.20	
Fixture Tlx	1.88lm	4	0.07	0.90	
Efficiency	90lm/W	4	0.21	27%	
142260	Beam-14W-3000K-FL	911012	4	2.79	27%

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6681EL</b>	<b>1T6682EL</b>	<b>1T6683EL</b>
48Vdc	EL.	●	<b>1T6684EL</b>	<b>1T6685EL</b>	<b>1T6686EL</b>
48Vdc	DALI	○	<b>1T6681DA</b>	<b>1T6682DA</b>	<b>1T6683DA</b>
48Vdc	DALI	●	<b>1T6684DA</b>	<b>1T6685DA</b>	<b>1T6686DA</b>

LED / 14W / REFLECTOR / MWFL

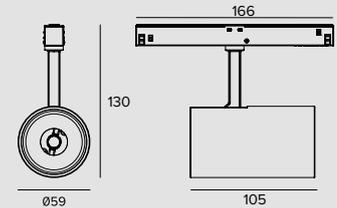


	3000K	4000K	5000K	6000K	
Beam (°)	48°				
Fixture Power	12W	0	0.36	0.10	
Source Flux	179lm	4	0.77	0.18	
Fixture Tlx	1.81lm	4	0.05	0.74	
Efficiency	90lm/W	4	0.11	21%	
142270	Beam-14W-3000K-MWFL	911012	4	4.31	0%

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6687EL</b>	<b>1T6688EL</b>	<b>1T6689EL</b>
48Vdc	EL.	●	<b>1T6690EL</b>	<b>1T6691EL</b>	<b>1T6692EL</b>
48Vdc	DALI	○	<b>1T6687DA</b>	<b>1T6688DA</b>	<b>1T6689DA</b>
48Vdc	DALI	●	<b>1T6690DA</b>	<b>1T6691DA</b>	<b>1T6692DA</b>



Label 6 long arm



LED / 14W / REFLECTOR / SP



	3000K	4000K	5000K	6000K	
Beam (°)	26°				
Fixture Power	12W	0	0.36	0.10	
Source Flux	179lm	4	0.55	0.60	
Fixture Tlx	1.84lm	4	0.01	1.00	
Efficiency	90lm/W	4	0.11	0.71	
142280	Beam-14W-3000K-SP	101112	4	5.20	0.00

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6729EL</b>	<b>1T6730EL</b>	<b>1T6731EL</b>
48Vdc	EL.	●	<b>1T6732EL</b>	<b>1T6733EL</b>	<b>1T6734EL</b>
48Vdc	DALI	○	<b>1T6729DA</b>	<b>1T6730DA</b>	<b>1T6731DA</b>
48Vdc	DALI	●	<b>1T6732DA</b>	<b>1T6733DA</b>	<b>1T6734DA</b>

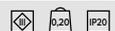
LED / 14W / REFLECTOR / FL



	3000K	4000K	5000K	6000K	
Beam (°)	31°				
Fixture Power	12W	0	0.36	0.10	
Source Flux	179lm	4	0.11	1.20	
Fixture Tlx	1.88lm	4	0.07	0.90	
Efficiency	90lm/W	4	0.21	27%	
142260	Beam-14W-3000K-FL	911012	4	2.79	27%

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6735EL</b>	<b>1T6736EL</b>	<b>1T6737EL</b>
48Vdc	EL.	●	<b>1T6738EL</b>	<b>1T6739EL</b>	<b>1T6740EL</b>
48Vdc	DALI	○	<b>1T6735DA</b>	<b>1T6736DA</b>	<b>1T6737DA</b>
48Vdc	DALI	●	<b>1T6738DA</b>	<b>1T6739DA</b>	<b>1T6740DA</b>

LED / 14W / REFLECTOR / MWFL



	3000K	4000K	5000K	6000K	
Beam (°)	48°				
Fixture Power	12W	0	0.36	0.10	
Source Flux	179lm	4	0.77	0.18	
Fixture Tlx	1.81lm	4	0.05	0.74	
Efficiency	90lm/W	4	0.11	21%	
142270	Beam-14W-3000K-MWFL	911012	4	4.31	0%

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6741EL</b>	<b>1T6742EL</b>	<b>1T6743EL</b>
48Vdc	EL.	●	<b>1T6744EL</b>	<b>1T6745EL</b>	<b>1T6746EL</b>
48Vdc	DALI	○	<b>1T6741DA</b>	<b>1T6742DA</b>	<b>1T6743DA</b>
48Vdc	DALI	●	<b>1T6744DA</b>	<b>1T6745DA</b>	<b>1T6746DA</b>

# FORTYEIGHT

## Accessories Label 2

### Filter



Filter	Ø	Code
Halogen +	17	<b>1T6936</b>
Vivid +	17	<b>1T6937</b>

#### Art filter.

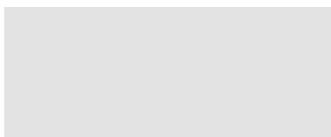
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	17	<b>1T6932</b>
Fish	17	<b>1T6933</b>
Bread	17	<b>1T6934</b>
Vegetables	17	<b>1T6935</b>

#### Food filter.

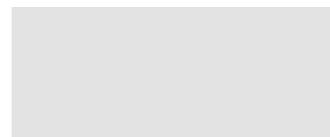
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.



Filter	Ø	Code
Beauty	17	<b>1T6938</b>

#### Beauty filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.

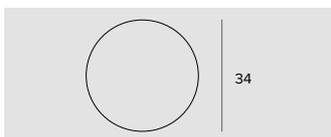


Filter	Ø	Code
	17	<b>1T6939</b>

#### Holographic PMMA filter with blade of light effect.

Allows the beam to be made oval; combined with spot and flood optics the effect appears more pronounced.

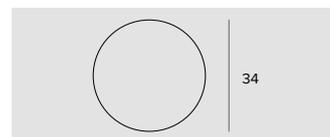
## Accessories Label 4



Filter	Ø	Code
Halogen +	34	<b>1T6926</b>
Vivid +	34	<b>1T6927</b>

#### Art filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Meat	34	<b>1T6922</b>
Fish	34	<b>1T6923</b>
Bread	34	<b>1T6924</b>
Vegetables	34	<b>1T6925</b>

#### Food filter.

Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.

#### 1T6922

To be used only with 3000K and Ra80 fixtures.

#### 1T6923

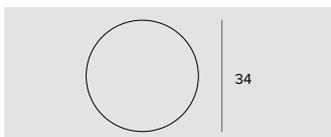
To be used only with 4000K and Ra80 fixtures.

#### 1T6924

To be used only with 3000K and Ra80 fixtures.

#### 1T6925

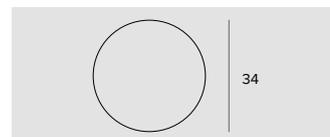
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	34	<b>1T6928</b>

#### Beauty filter.

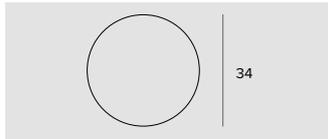
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
	34	<b>1T6931</b>

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

## Grid

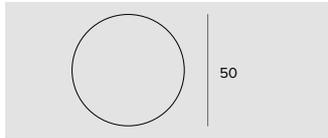


Ø	Code
34	<b>1T6930</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

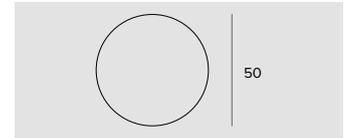
## Accessories Label 6

### Filter



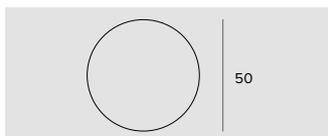
Filter	Ø	Code
Halogen +	50	<b>1T6381</b>
Vivid +	50	<b>1T6383</b>

Art filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



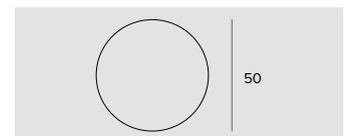
Filter	Ø	Code
Meat	50	<b>1T6385</b>
Fish	50	<b>1T6387</b>
Bread	50	<b>1T6389</b>
Vegetables	50	<b>1T6391</b>

Food filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
**1T6385**  
To be used only with 3000K and Ra80 fixtures.  
**1T6387**  
To be used only with 4000K and Ra80 fixtures.  
**1T6389**  
To be used only with 3000K and Ra80 fixtures.  
**1T6391**  
To be used only with 3000K and Ra80 fixtures.



Filter	Ø	Code
Beauty	50	<b>1T6393</b>

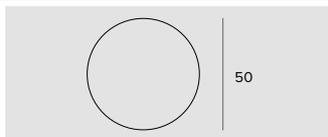
Beauty filter.  
Flat glass interference filter that can vary the colour parameters of the emission of the fixtures it is applied to.  
To be used only with 3000K and Ra80 fixtures.



Ø	Code
50	<b>1T4721</b>

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

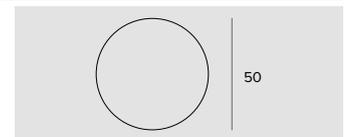
### Screen



Ø	Code
50	<b>1T6521</b>

Protective screen.

### Grid



Ø	Code
50	<b>1T4322</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

# LOGICO

## System

### GENERAL INFO

Modules of variable lengths for ceiling, suspension, recessed and semi-recessed installations.

Recessed versions with a flange or trimless.

Lengths:

281mm - 562mm - 1122mm - 1682mm - 3364mm

### LED

Linear Board LED Engine for linear and SPOT versions

LED COB for LABEL versions

From 982lm to 28960lm

3000K - 4000K

OPAL, UGR, WW versions: Ra84

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code

SPOT, LABEL versions: Ra90

### PRODUCT EFFICACY

Up to 109lm/W

### OPTICS

OPAL - UGR - WW - SP - FL - MWFL

### POWER SUPPLY

Electronic - DALI

Casambi control: the DALI version is equipped with special accessories.

Emergency on request.

### MATERIAL

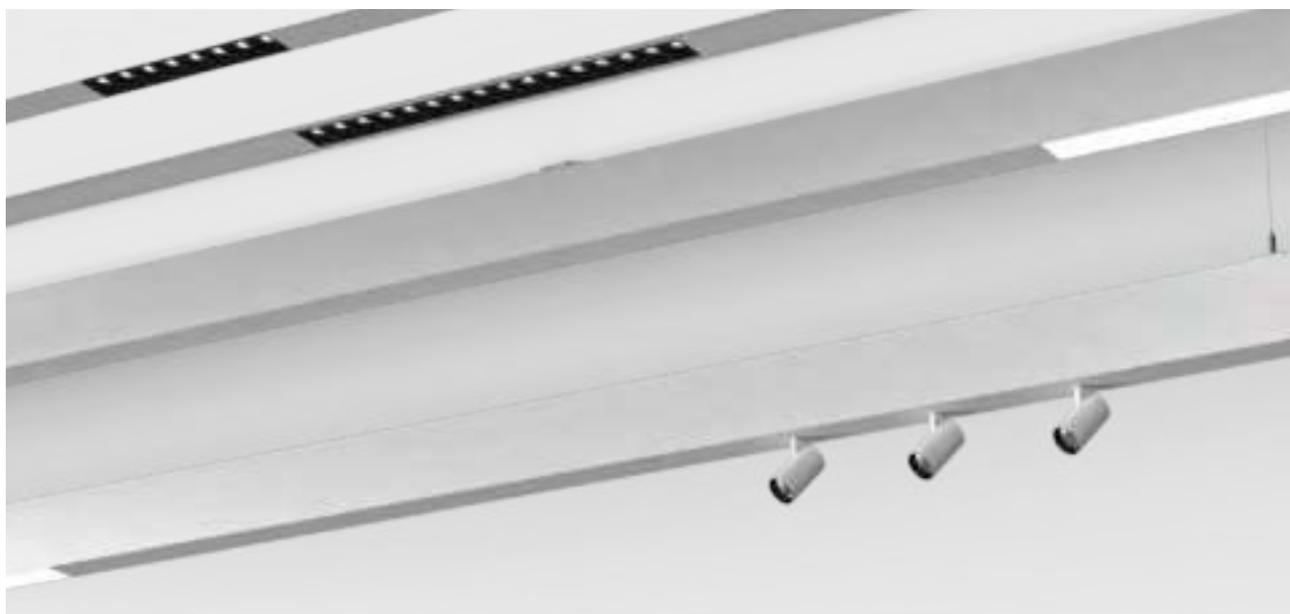
Powder coated, extruded, calendered aluminium.

Modular lighting system with which it is possible to create luminous shapes and numerous lighting scenes given the different lengths available and T, L, and X light connectors and high-power or low-power lumen on modules of the same length.

It is made up of many lighting units: diffused light, UGR<19 controlled light suitable for the workplace, wall washer and the new spotlight modules with LABEL 4 and LABEL 6 projectors.

The accessories allow it to be installed on the ceiling, suspended, recessed, or semi-recessed (with or without flange).

Also available in a stand alone version.





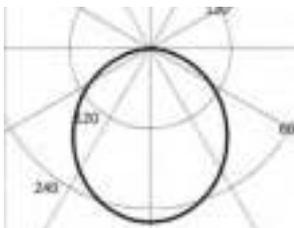
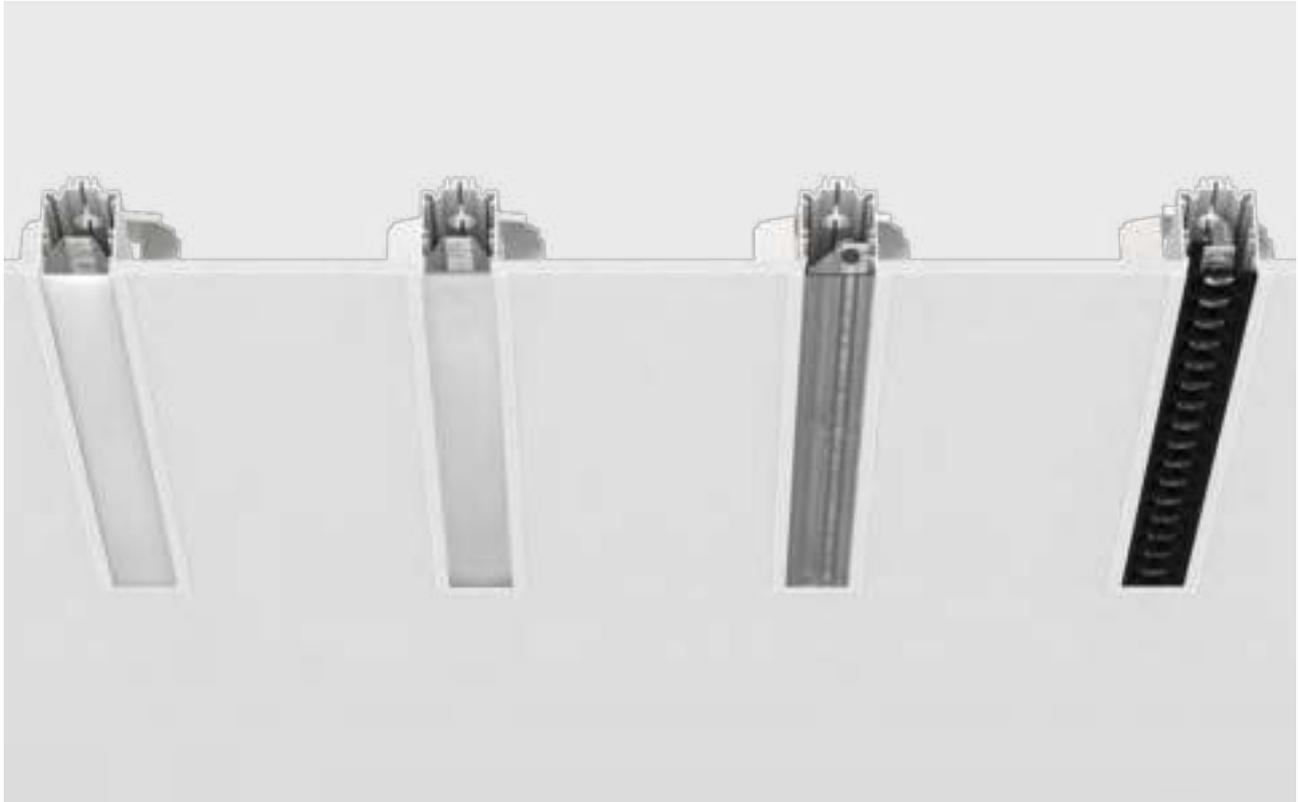
## Zonamerica

**Architect**  
Estudio Dovat  
Arquitectos

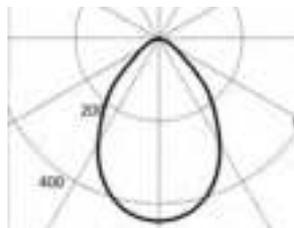
**Lighting Design**  
Estudio Hofstadter

**Photographer**  
Ferrés - Cánepa

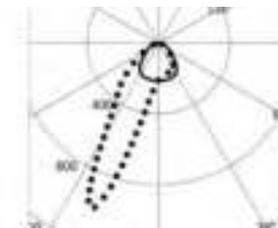
**Country**  
Montevideo,  
Uruguay



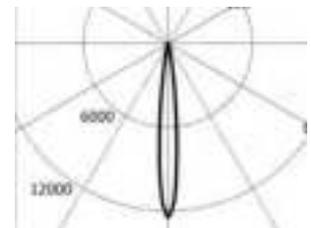
OPAL



UGR<19



WALL WASHER



SPOT UGR<7

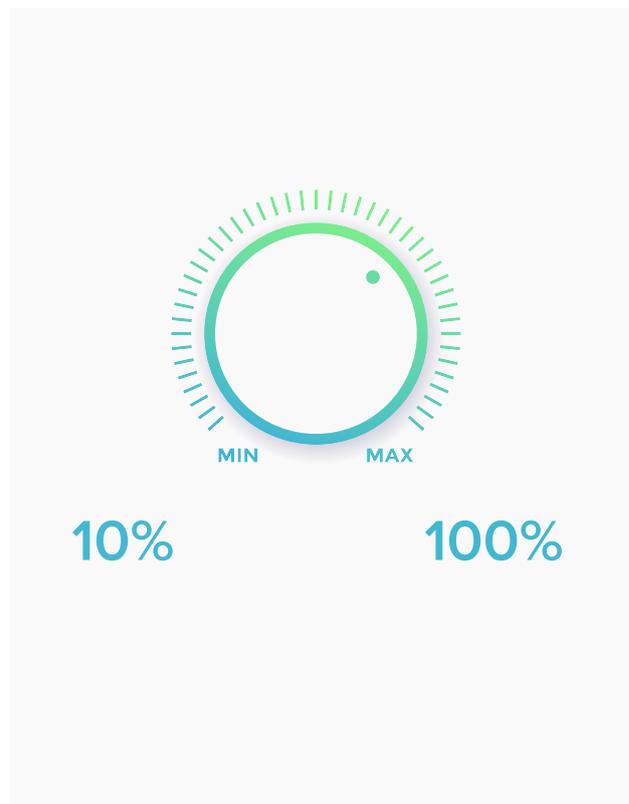
## Four different optical systems

- **Diffused light** with an opal screen: a soft, wide light emission particularly suitable for receptions and communal areas, corridors, etc...
- **Controlled light** UGR<19 with a prismatic screen (only for the direct component): ideal for open space offices, schools or meeting rooms where glare must be reduced to a minimum.
- **Directed light** with a Wall Washer optical system: ideal for lighting vertical surfaces like walls or works of art.
- **Precise light** where a system composed of micro lenses produces precise and focused SPOT effects with UGR<7, ideal for lighting commercial and hotel environments.



## Easy to assemble

Each module is already complete with the lighting unit. Modules with linear light snap together or use magnets, so no tools are needed. The new modules with spotlights already have built-in projectors or lighting elements.



## Dimmer light

The LOGIC modules (opal, ugr, asy, Label) equipped with DALI driver can be dimmed from 10% to 100% with AM modulation amplitude.

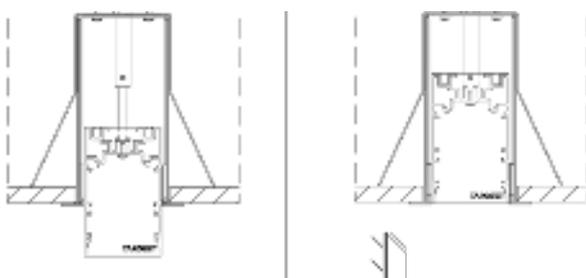
Dimming is done by modifying the piloting current and not by turning the LEDs on and off. This prevents flickering and makes it suitable for installation even where videos are recorded.

04



## LOGICO trimless recessed

It can be installed recessed or semi-recessed using the same recessing box that can be left with the flange visible or grouted for a trimless effect.



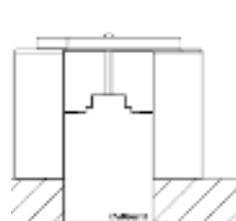
380

05



## LOGICO recessed with flange

It can be installed without a recessing box, using the bracket accessories. Semi-recessed installation is not available.

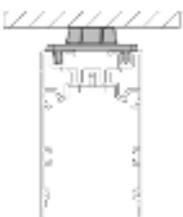


Indoor



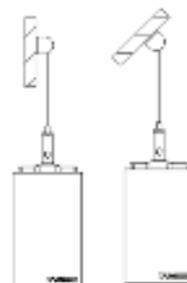
## Ceiling installation

The modules must be fixed to the ceiling with the special accessory brackets. The springs are attached to the modules in a "click" by applying pressure.



## Suspended also on sloping ceilings

The suspension kit allows installation even on tilted ceilings or on vertical elements.





## New LABEL modules

New linear modules equipped with LABEL 4 or LABEL 6 projectors, available with spotlights, floodlights, and medium wide floodlights.



## New SPOT modules

As of today, LOGICO is also available with the new SPOT modules with LED Lineare High Power card and optical system made up of TIR lenses in optical methacrylate, holographic filter and black polycarbonate frame (the profile finish also comes in white). The result is a highly concentrated and controlled light for scenic effects  $UGR < 7$  (EN-12464)

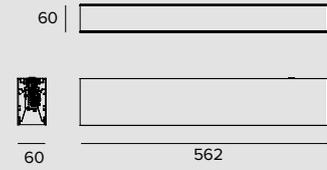


## New blind modules

New blind modules to create a continuous system that connects the spaces between them without interruption. Joints without a light unit are also available to guarantee infinite compositional solutions.



## System Ceiling/ Suspension - continuous light module L. 562mm



### LED / 12W / DOWN OPAL ± 3.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6027EL</b>	<b>1T6028EL</b>
EL.	●	<b>1T6031EL</b>	<b>1T6032EL</b>
EL.	◐	<b>1T6035EL</b>	<b>1T6036EL</b>
DALI	○	<b>1T6027DA</b>	<b>1T6028DA</b>
DALI	●	<b>1T6031DA</b>	<b>1T6032DA</b>
DALI	◐	<b>1T6035DA</b>	<b>1T6036DA</b>

### LED / 24W / DOWN OPAL ± 3.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6029EL</b>	<b>1T6030EL</b>
EL.	●	<b>1T6033EL</b>	<b>1T6034EL</b>
EL.	◐	<b>1T6037EL</b>	<b>1T6038EL</b>
DALI	○	<b>1T6029DA</b>	<b>1T6030DA</b>
DALI	●	<b>1T6033DA</b>	<b>1T6034DA</b>
DALI	◐	<b>1T6037DA</b>	<b>1T6038DA</b>

### LED / 8W / DOWN UGR ± 3.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6825EL</b>	<b>1T6826EL</b>
EL.	●	<b>1T6827EL</b>	<b>1T6828EL</b>
EL.	◐	<b>1T6829EL</b>	<b>1T6830EL</b>
DALI	○	<b>1T6825DA</b>	<b>1T6826DA</b>
DALI	●	<b>1T6827DA</b>	<b>1T6828DA</b>
DALI	◐	<b>1T6829DA</b>	<b>1T6830DA</b>

### LED / 12W / DOWN WW ± 3.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6837EL</b>	<b>1T6838EL</b>
EL.	●	<b>1T6839EL</b>	<b>1T6840EL</b>
EL.	◐	<b>1T6841EL</b>	<b>1T6842EL</b>
DALI	○	<b>1T6837DA</b>	<b>1T6838DA</b>
DALI	●	<b>1T6839DA</b>	<b>1T6840DA</b>
DALI	◐	<b>1T6841DA</b>	<b>1T6842DA</b>

### LED / 24W / DOWN WW ± 3.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6843EL</b>	<b>1T6844EL</b>
EL.	●	<b>1T6845EL</b>	<b>1T6846EL</b>
EL.	◐	<b>1T6847EL</b>	<b>1T6848EL</b>
DALI	○	<b>1T6843DA</b>	<b>1T6844DA</b>
DALI	●	<b>1T6845DA</b>	<b>1T6846DA</b>
DALI	◐	<b>1T6847DA</b>	<b>1T6848DA</b>

**LED / 18W / UP-DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)
Beam			100°	
Fixture Power	20W	3	2.46	100°
Mounting Pole	3000mm	3	5.33	60°
Fixture Size	1710mm	3	7.90	45°
Efficiency	80lm/W	4	10.01	35°
TM99	max=2180lm/W	3	51.31	35°

Driver	Colour	3000K	4000K
EL.	○	<b>1T6039EL</b>	<b>1T6040EL</b>
EL.	●	<b>1T6043EL</b>	<b>1T6044EL</b>
EL.	◐	<b>1T6047EL</b>	<b>1T6048EL</b>
DALI	○	<b>1T6039DA</b>	<b>1T6040DA</b>
DALI	●	<b>1T6043DA</b>	<b>1T6044DA</b>
DALI	◐	<b>1T6047DA</b>	<b>1T6048DA</b>

**LED / 30W / UP-DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)
Beam			100°	
Fixture Power	27W	3	2.46	81.7
Mounting Pole	4000mm	3	5.33	204
Fixture Size	1360mm	3	7.90	30
Efficiency	80lm/W	4	10.01	21
TM99	max=2180lm/W	3	51.31	30

Driver	Colour	3000K	4000K
EL.	○	<b>1T6041EL</b>	<b>1T6042EL</b>
EL.	●	<b>1T6045EL</b>	<b>1T6046EL</b>
EL.	◐	<b>1T6049EL</b>	<b>1T6050EL</b>
DALI	○	<b>1T6041DA</b>	<b>1T6042DA</b>
DALI	●	<b>1T6045DA</b>	<b>1T6046DA</b>
DALI	◐	<b>1T6049DA</b>	<b>1T6050DA</b>

**LED / 12W / UP-DOWN UGR**

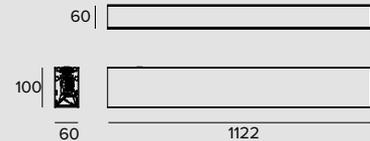


	3000K	H(m)	2θ(°)	Area(m²)
Beam			75°	
Fixture Power	12W	3	3.31	47.7
Mounting Pole	1800mm	3	5.02	114
Fixture Size	1240mm	3	4.52	32
Efficiency	80lm/W	4	5.01	30
TM99	max=2180lm/W	3	7.59	30

Driver	Colour	3000K	4000K
EL.	○	<b>1T6831EL</b>	<b>1T6832EL</b>
EL.	●	<b>1T6833EL</b>	<b>1T6834EL</b>
EL.	◐	<b>1T6835EL</b>	<b>1T6836EL</b>
DALI	○	<b>1T6831DA</b>	<b>1T6832DA</b>
DALI	●	<b>1T6833DA</b>	<b>1T6834DA</b>
DALI	◐	<b>1T6835DA</b>	<b>1T6836DA</b>



**System Ceiling/  
Suspension - continuous  
light module L. 1122mm**



**LED / 24W / DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)
Beam			100°	
Fixture Power	27W	3	2.46	100
Mounting Pole	3000mm	3	5.33	225
Fixture Size	1210mm	3	7.90	30
Efficiency	80lm/W	4	10.01	36
TM99	max=2180lm/W	3	51.31	36

Driver	Colour	3000K	4000K
EL.	○	<b>1T5635EL</b>	<b>1T5636EL</b>
EL.	●	<b>1T5639EL</b>	<b>1T5640EL</b>
EL.	◐	<b>1T5637EL</b>	<b>1T5638EL</b>
DALI	○	<b>1T5635DA</b>	<b>1T5636DA</b>
DALI	●	<b>1T5639DA</b>	<b>1T5640DA</b>
DALI	◐	<b>1T5637DA</b>	<b>1T5638DA</b>

**LED / 48W / DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)
Beam			100°	
Fixture Power	54W	3	2.46	100
Mounting Pole	4000mm	3	5.33	144
Fixture Size	460mm	3	7.90	204
Efficiency	80lm/W	4	10.01	112
TM99	max=2180lm/W	3	51.31	72

Driver	Colour	3000K	4000K
EL.	○	<b>1T5641EL</b>	<b>1T5642EL</b>
EL.	●	<b>1T5645EL</b>	<b>1T5646EL</b>
EL.	◐	<b>1T5643EL</b>	<b>1T5644EL</b>
DALI	○	<b>1T5641DA</b>	<b>1T5642DA</b>
DALI	●	<b>1T5645DA</b>	<b>1T5646DA</b>
DALI	◐	<b>1T5643DA</b>	<b>1T5644DA</b>

# LOGICO

## LED / 16W / DOWN UGR



		3000K	H(m)	D(m)	Area(m²)
Beam			1.0	0.30	0.09
Fixture Power	16W	3	3.31	1.13	
Mounting Fix	1620mm	3	3.03	2.78	
Fixture Dist	1810mm	3	4.52	1.24	
Efficiency	91lm/W	4	6.01	70	
12000	max=16200lm	3	3.34	85	

Driver	Colour	3000K	4000K
EL.	○	<b>1T5659EL</b>	<b>1T5660EL</b>
EL.	●	<b>1T5663EL</b>	<b>1T5664EL</b>
EL.	◐	<b>1T5661EL</b>	<b>1T5662EL</b>
DALI	○	<b>1T5659DA</b>	<b>1T5660DA</b>
DALI	●	<b>1T5663DA</b>	<b>1T5664DA</b>
DALI	◐	<b>1T5661DA</b>	<b>1T5662DA</b>

## LED / 24W / DOWN WW



		3000K	H(m)	D(m)	Area(m²)
Beam			1.0	0.30	0.09
Fixture Power	24W	3	2.28	2.50	2807
Mounting Fix	1680mm	3	4.56	5.30	580
Fixture Dist	1710mm	3	6.84	7.80	812
Efficiency	121lm/W	4	9.82	20.28	275
12000	max=12000lm	3	11.82	13.78	212

Driver	Colour	3000K	4000K
EL.	○	<b>1T5671EL</b>	<b>1T5672EL</b>
EL.	●	<b>1T5675EL</b>	<b>1T5676EL</b>
EL.	◐	<b>1T5673EL</b>	<b>1T5674EL</b>
DALI	○	<b>1T5671DA</b>	<b>1T5672DA</b>
DALI	●	<b>1T5675DA</b>	<b>1T5676DA</b>
DALI	◐	<b>1T5673DA</b>	<b>1T5674DA</b>

## LED / 48W / DOWN WW



		3000K	H(m)	D(m)	Area(m²)
Beam			1.0	0.30	0.09
Fixture Power	48W	3	2.28	2.50	3307
Mounting Fix	1680mm	3	4.56	5.30	1394
Fixture Dist	1610mm	3	6.84	7.80	812
Efficiency	120lm/W	4	9.82	20.28	248
12000	max=12000lm	3	11.82	13.78	212

Driver	Colour	3000K	4000K
EL.	○	<b>1T5677EL</b>	<b>1T5678EL</b>
EL.	●	<b>1T5681EL</b>	<b>1T5682EL</b>
EL.	◐	<b>1T5679EL</b>	<b>1T5680EL</b>
DALI	○	<b>1T5677DA</b>	<b>1T5678DA</b>
DALI	●	<b>1T5681DA</b>	<b>1T5682DA</b>
DALI	◐	<b>1T5679DA</b>	<b>1T5680DA</b>

## LED / 42W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Area(m²)
Beam			1.0	0.30	0.09
Fixture Power	42W	3	2.46	3.01	3601
Mounting Fix	1600mm	3	5.31	2.78	1113
Fixture Dist	1520mm	3	7.50	3.03	348
Efficiency	89lm/W	4	10.01	36	
12000	max=12000lm	3	11.21	36	

Driver	Colour	3000K	4000K
EL.	○	<b>1T5647EL</b>	<b>1T5648EL</b>
EL.	●	<b>1T5651EL</b>	<b>1T5652EL</b>
EL.	◐	<b>1T5649EL</b>	<b>1T5650EL</b>
DALI	○	<b>1T5647DA</b>	<b>1T5648DA</b>
DALI	●	<b>1T5651DA</b>	<b>1T5652DA</b>
DALI	◐	<b>1T5649DA</b>	<b>1T5650DA</b>

## LED / 66W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Area(m²)
Beam			1.0	0.30	0.09
Fixture Power	66W	3	2.46	3.01	3380
Mounting Fix	1600mm	3	5.31	2.78	446
Fixture Dist	1400mm	3	7.50	3.03	348
Efficiency	81lm/W	4	10.01	112	
12000	max=12000lm	3	11.21	71	

Driver	Colour	3000K	4000K
EL.	○	<b>1T5653EL</b>	<b>1T5654EL</b>
EL.	●	<b>1T5657EL</b>	<b>1T5658EL</b>
EL.	◐	<b>1T5655EL</b>	<b>1T5656EL</b>
DALI	○	<b>1T5653DA</b>	<b>1T5654DA</b>
DALI	●	<b>1T5657DA</b>	<b>1T5658DA</b>
DALI	◐	<b>1T5655DA</b>	<b>1T5656DA</b>

## LED / 28W / UP-DOWN UGR

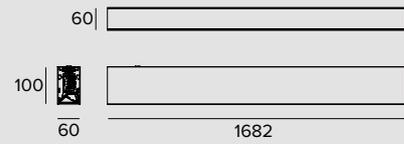


		3000K	H(m)	D(m)	Area(m²)
Beam			1.0	0.30	0.09
Fixture Power	28W	3	3.31	1.13	
Mounting Fix	1620mm	3	3.03	2.78	
Fixture Dist	1810mm	3	4.52	1.24	
Efficiency	91lm/W	4	6.01	70	
12000	max=20200lm	3	3.34	85	

Driver	Colour	3000K	4000K
EL.	○	<b>1T5665EL</b>	<b>1T5666EL</b>
EL.	●	<b>1T5669EL</b>	<b>1T5670EL</b>
EL.	◐	<b>1T5667EL</b>	<b>1T5668EL</b>
DALI	○	<b>1T5665DA</b>	<b>1T5666DA</b>
DALI	●	<b>1T5669DA</b>	<b>1T5670DA</b>
DALI	◐	<b>1T5667DA</b>	<b>1T5668DA</b>



## System Ceiling/ Suspension continuous light module L. 1682mm



### LED / 36W / DOWN OPAL ± 6.1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5683EL</b>	<b>1T5684EL</b>
EL.	●	<b>1T5687EL</b>	<b>1T5688EL</b>
EL.	◐	<b>1T5685EL</b>	<b>1T5686EL</b>
DALI	○	<b>1T5683DA</b>	<b>1T5684DA</b>
DALI	●	<b>1T5687DA</b>	<b>1T5688DA</b>
DALI	◐	<b>1T5685DA</b>	<b>1T5686DA</b>

### LED / 72W / DOWN OPAL ± 6.1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5689EL</b>	<b>1T5690EL</b>
EL.	●	<b>1T5693EL</b>	<b>1T5694EL</b>
EL.	◐	<b>1T5691EL</b>	<b>1T5692EL</b>
DALI	○	<b>1T5689DA</b>	<b>1T5690DA</b>
DALI	●	<b>1T5693DA</b>	<b>1T5694DA</b>
DALI	◐	<b>1T5691DA</b>	<b>1T5692DA</b>

### LED / 24W / DOWN UGR ± 6.1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5707EL</b>	<b>1T5708EL</b>
EL.	●	<b>1T5711EL</b>	<b>1T5712EL</b>
EL.	◐	<b>1T5709EL</b>	<b>1T5710EL</b>
DALI	○	<b>1T5707DA</b>	<b>1T5708DA</b>
DALI	●	<b>1T5711DA</b>	<b>1T5712DA</b>
DALI	◐	<b>1T5709DA</b>	<b>1T5710DA</b>

### LED / 36W / DOWN WW ± 6.1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5719EL</b>	<b>1T5720EL</b>
EL.	●	<b>1T5723EL</b>	<b>1T5724EL</b>
EL.	◐	<b>1T5721EL</b>	<b>1T5722EL</b>
DALI	○	<b>1T5719DA</b>	<b>1T5720DA</b>
DALI	●	<b>1T5723DA</b>	<b>1T5724DA</b>
DALI	◐	<b>1T5721DA</b>	<b>1T5722DA</b>

### LED / 72W / DOWN WW ± 6.1 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5725EL</b>	<b>1T5726EL</b>
EL.	●	<b>1T5729EL</b>	<b>1T5730EL</b>
EL.	◐	<b>1T5727EL</b>	<b>1T5728EL</b>
DALI	○	<b>1T5725DA</b>	<b>1T5726DA</b>
DALI	●	<b>1T5729DA</b>	<b>1T5730DA</b>
DALI	◐	<b>1T5727DA</b>	<b>1T5728DA</b>

## LED / 60W / UP-DOWN OPAL



	3000K	H(m)	20(m)	3000lx
Beam	100°			
Fixture Power	90W	3	2.46	1200
Mounting Fix	47000lm	3	5.33	112
Fixture Size	1200mm	3	7.90	114
Efficiency	87lm/W	4	10.01	81
1200mm	1200mm	6	51.31	52

Driver	Colour	3000K	4000K
EL.	○	<b>1T5695EL</b>	<b>1T5696EL</b>
EL.	●	<b>1T5699EL</b>	<b>1T5700EL</b>
EL.	◐	<b>1T5697EL</b>	<b>1T5698EL</b>
DALI	○	<b>1T5695DA</b>	<b>1T5696DA</b>
DALI	●	<b>1T5699DA</b>	<b>1T5700DA</b>
DALI	◐	<b>1T5697DA</b>	<b>1T5698DA</b>

## LED / 96W / UP-DOWN OPAL



	3000K	H(m)	20(m)	3000lx
Beam	100°			
Fixture Power	127W	3	2.46	1200
Mounting Fix	24000lm	3	5.33	648
Fixture Size	1200mm	3	7.90	388
Efficiency	89lm/W	4	10.01	100
1200mm	1200mm	6	51.31	108

Driver	Colour	3000K	4000K
EL.	○	<b>1T5701EL</b>	<b>1T5702EL</b>
EL.	●	<b>1T5705EL</b>	<b>1T5706EL</b>
EL.	◐	<b>1T5703EL</b>	<b>1T5704EL</b>
DALI	○	<b>1T5701DA</b>	<b>1T5702DA</b>
DALI	●	<b>1T5705DA</b>	<b>1T5706DA</b>
DALI	◐	<b>1T5703DA</b>	<b>1T5704DA</b>

## LED / 40W / UP-DOWN UGR

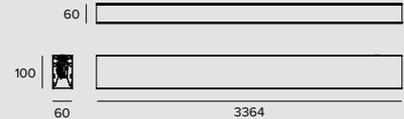


	3000K	H(m)	20(m)	3000lx
Beam	75°			
Fixture Power	47W	3	3.51	1200
Mounting Fix	43000lm	3	4.02	348
Fixture Size	4100mm	3	4.52	177
Efficiency	91lm/W	4	6.01	80
1200mm	1200mm	6	7.51	80

Driver	Colour	3000K	4000K
EL.	○	<b>1T5713EL</b>	<b>1T5714EL</b>
EL.	●	<b>1T5717EL</b>	<b>1T5718EL</b>
EL.	◐	<b>1T5715EL</b>	<b>1T5716EL</b>
DALI	○	<b>1T5713DA</b>	<b>1T5714DA</b>
DALI	●	<b>1T5717DA</b>	<b>1T5718DA</b>
DALI	◐	<b>1T5715DA</b>	<b>1T5716DA</b>



**System Ceiling/  
Suspension  
continuous light  
module L. 3364mm**



## LED / 72W / DOWN OPAL



	3000K	H(m)	20(m)	3000lx
Beam	100°			
Fixture Power	81W	3	2.46	2708
Mounting Fix	30000lm	3	5.33	477
Fixture Size	1120mm	3	7.90	360
Efficiency	88lm/W	4	10.01	109
1200mm	1200mm	6	51.31	109

Driver	Colour	3000K	4000K
EL.	○	<b>1T5731EL</b>	<b>1T5732EL</b>
EL.	●	<b>1T5735EL</b>	<b>1T5736EL</b>
EL.	◐	<b>1T5733EL</b>	<b>1T5734EL</b>
DALI	○	<b>1T5731DA</b>	<b>1T5732DA</b>
DALI	●	<b>1T5735DA</b>	<b>1T5736DA</b>
DALI	◐	<b>1T5733DA</b>	<b>1T5734DA</b>

## LED / 144W / DOWN OPAL



	3000K	H(m)	20(m)	3000lx
Beam	100°			
Fixture Power	162W	3	2.46	3214
Mounting Fix	30000lm	3	5.33	1118
Fixture Size	2420mm	3	7.90	590
Efficiency	89lm/W	4	10.01	110
1200mm	1200mm	6	51.31	110

Driver	Colour	3000K	4000K
EL.	○	<b>1T5737EL</b>	<b>1T5738EL</b>
EL.	●	<b>1T5741EL</b>	<b>1T5742EL</b>
EL.	◐	<b>1T5739EL</b>	<b>1T5740EL</b>
DALI	○	<b>1T5737DA</b>	<b>1T5738DA</b>
DALI	●	<b>1T5741DA</b>	<b>1T5742DA</b>
DALI	◐	<b>1T5739DA</b>	<b>1T5740DA</b>

**LED / 48W / DOWN UGR**



Driver	Colour	3000K	4000K
EL.	○	<b>1T5755EL</b>	<b>1T5756EL</b>
EL.	●	<b>1T5759EL</b>	<b>1T5760EL</b>
EL.	◐	<b>1T5757EL</b>	<b>1T5758EL</b>
DALI	○	<b>1T5755DA</b>	<b>1T5756DA</b>
DALI	●	<b>1T5759DA</b>	<b>1T5760DA</b>
DALI	◐	<b>1T5757DA</b>	<b>1T5758DA</b>

**LED / 72W / DOWN WW**



Driver	Colour	3000K	4000K
EL.	○	<b>1T5767EL</b>	<b>1T5768EL</b>
EL.	●	<b>1T5771EL</b>	<b>1T5772EL</b>
EL.	◐	<b>1T5769EL</b>	<b>1T5770EL</b>
DALI	○	<b>1T5767DA</b>	<b>1T5768DA</b>
DALI	●	<b>1T5771DA</b>	<b>1T5772DA</b>
DALI	◐	<b>1T5769DA</b>	<b>1T5770DA</b>

**LED / 144W / DOWN WW**



Driver	Colour	3000K	4000K
EL.	○	<b>1T5773EL</b>	<b>1T5774EL</b>
EL.	●	<b>1T5777EL</b>	<b>1T5778EL</b>
EL.	◐	<b>1T5775EL</b>	<b>1T5776EL</b>
DALI	○	<b>1T5773DA</b>	<b>1T5774DA</b>
DALI	●	<b>1T5777DA</b>	<b>1T5778DA</b>
DALI	◐	<b>1T5775DA</b>	<b>1T5776DA</b>

**LED / 120W / UP-DOWN OPAL**



Driver	Colour	3000K	4000K
EL.	○	<b>1T5743EL</b>	<b>1T5744EL</b>
EL.	●	<b>1T5747EL</b>	<b>1T5748EL</b>
EL.	◐	<b>1T5745EL</b>	<b>1T5746EL</b>
DALI	○	<b>1T5743DA</b>	<b>1T5744DA</b>
DALI	●	<b>1T5747DA</b>	<b>1T5748DA</b>
DALI	◐	<b>1T5745DA</b>	<b>1T5746DA</b>

**LED / 192W / UP-DOWN OPAL**



Driver	Colour	3000K	4000K
EL.	○	<b>1T5749EL</b>	<b>1T5750EL</b>
EL.	●	<b>1T5753EL</b>	<b>1T5754EL</b>
EL.	◐	<b>1T5751EL</b>	<b>1T5752EL</b>
DALI	○	<b>1T5749DA</b>	<b>1T5750DA</b>
DALI	●	<b>1T5753DA</b>	<b>1T5754DA</b>
DALI	◐	<b>1T5751DA</b>	<b>1T5752DA</b>

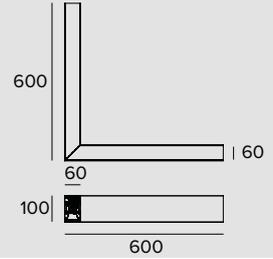
**LED / 80W / UP-DOWN UGR**



Driver	Colour	3000K	4000K
EL.	○	<b>1T5761EL</b>	<b>1T5762EL</b>
EL.	●	<b>1T5765EL</b>	<b>1T5766EL</b>
EL.	◐	<b>1T5763EL</b>	<b>1T5764EL</b>
DALI	○	<b>1T5761DA</b>	<b>1T5762DA</b>
DALI	●	<b>1T5765DA</b>	<b>1T5766DA</b>
DALI	◐	<b>1T5763DA</b>	<b>1T5764DA</b>



## System Ceiling/ Suspension - continuous light module L connector



### LED / 24W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)
Beam			100°	
Fixture Power	24W	3	2.46	903
Mounting Fix	1800mm	3	5.33	228
Fixture Size	1215mm	3	7.90	303
Efficiency	85lm/W	4	10.01	90
IP20	max=21600lm	Max	9000lm	5
			51.31	86

Driver	Colour	3000K	4000K
EL.	○	<b>1T5976EL</b>	<b>1T5977EL</b>
EL.	●	<b>1T5980EL</b>	<b>1T5981EL</b>
EL.	◐	<b>1T5984EL</b>	<b>1T5985EL</b>
DALI	○	<b>1T5976DA</b>	<b>1T5977DA</b>
DALI	●	<b>1T5980DA</b>	<b>1T5981DA</b>
DALI	◐	<b>1T5984DA</b>	<b>1T5985DA</b>

### LED / 48W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)
Beam			100°	
Fixture Power	48W	3	2.46	1806
Mounting Fix	1800mm	3	5.33	456
Fixture Size	1215mm	3	7.90	303
Efficiency	85lm/W	4	10.01	110
IP20	max=21600lm	Max	17880lm	5
			51.31	71

Driver	Colour	3000K	4000K
EL.	○	<b>1T5978EL</b>	<b>1T5979EL</b>
EL.	●	<b>1T5982EL</b>	<b>1T5983EL</b>
EL.	◐	<b>1T5986EL</b>	<b>1T5987EL</b>
DALI	○	<b>1T5978DA</b>	<b>1T5979DA</b>
DALI	●	<b>1T5982DA</b>	<b>1T5983DA</b>
DALI	◐	<b>1T5986DA</b>	<b>1T5987DA</b>

### LED / 16W / DOWN UGR



	3000K	H(m)	D(m)	Area(m²)
Beam			74°	
Fixture Power	16W	3	3.51	1213
Mounting Fix	1800mm	3	5.02	278
Fixture Size	1215mm	3	4.52	329
Efficiency	85lm/W	4	6.03	50
IP20	max=8100lm	Max	13180lm	5
			7.54	85

Driver	Colour	3000K	4000K
EL.	○	<b>1T6855EL</b>	<b>1T6856EL</b>
EL.	●	<b>1T6857EL</b>	<b>1T6858EL</b>
EL.	◐	<b>1T6859EL</b>	<b>1T6860EL</b>
DALI	○	<b>1T6855DA</b>	<b>1T6856DA</b>
DALI	●	<b>1T6857DA</b>	<b>1T6858DA</b>
DALI	◐	<b>1T6859DA</b>	<b>1T6860DA</b>

### LED / 36W / UP-DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)
Beam			100°	
Fixture Power	36W	3	2.46	1113
Mounting Fix	1800mm	3	5.33	393
Fixture Size	1215mm	3	7.90	303
Efficiency	85lm/W	4	10.01	99
IP20	max=21600lm	Max	17190lm	5
			51.31	82

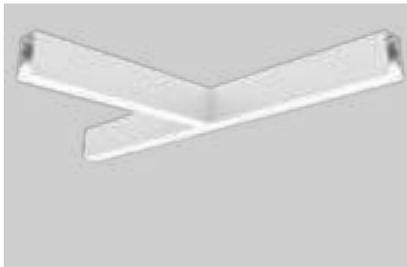
Driver	Colour	3000K	4000K
EL.	○	<b>1T6891EL</b>	<b>1T6892EL</b>
EL.	●	<b>1T6893EL</b>	<b>1T6894EL</b>
EL.	◐	<b>1T6895EL</b>	<b>1T6896EL</b>
DALI	○	<b>1T6891DA</b>	<b>1T6892DA</b>
DALI	●	<b>1T6893DA</b>	<b>1T6894DA</b>
DALI	◐	<b>1T6895DA</b>	<b>1T6896DA</b>

### LED / 24W / UP-DOWN UGR

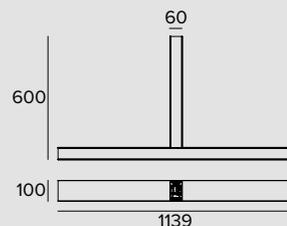


	3000K	H(m)	D(m)	Area(m²)
Beam			94°	
Fixture Power	24W	3	3.51	953
Mounting Fix	1800mm	3	5.02	329
Fixture Size	1215mm	3	4.52	399
Efficiency	85lm/W	4	6.03	60
IP20	max=21600lm	Max	9540lm	5
			7.54	88

Driver	Colour	3000K	4000K
EL.	○	<b>1T6873EL</b>	<b>1T6874EL</b>
EL.	●	<b>1T6875EL</b>	<b>1T6876EL</b>
EL.	◐	<b>1T6877EL</b>	<b>1T6878EL</b>
DALI	○	<b>1T6873DA</b>	<b>1T6874DA</b>
DALI	●	<b>1T6875DA</b>	<b>1T6876DA</b>
DALI	◐	<b>1T6877DA</b>	<b>1T6878DA</b>



## System Ceiling/ Suspension - continuous light module T connector



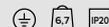
### LED / 36W / DOWN OPAL



3000K	4000K	H(m)	2θ(°)	Area(m²)		
Beam						
100°						
Fixture Power	40W	3	2.46	1814		
Mounting Pole	1200mm	3	5.33	118		
Fixture Size	1200mm	4	7.96	133		
Efficiency	89%/lm	4	10.01	85		
1200mm	max=21600lm	Beam	1391.0	6	51.31	60

Driver	Colour	3000K	4000K
EL.	○	<b>1T5988EL</b>	<b>1T5989EL</b>
EL.	●	<b>1T5992EL</b>	<b>1T5993EL</b>
EL.	◐	<b>1T5996EL</b>	<b>1T5997EL</b>
DALI	○	<b>1T5988DA</b>	<b>1T5989DA</b>
DALI	●	<b>1T5992DA</b>	<b>1T5993DA</b>
DALI	◐	<b>1T5996DA</b>	<b>1T5997DA</b>

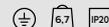
### LED / 72W / DOWN OPAL



3000K	4000K	H(m)	2θ(°)	Area(m²)		
Beam						
100°						
Fixture Power	81W	3	2.46	3627		
Mounting Pole	1200mm	3	5.33	236		
Fixture Size	1200mm	4	7.96	267		
Efficiency	89%/lm	4	10.01	100		
1200mm	max=21600lm	Beam	2777.0	6	51.31	60

Driver	Colour	3000K	4000K
EL.	○	<b>1T5990EL</b>	<b>1T5991EL</b>
EL.	●	<b>1T5994EL</b>	<b>1T5995EL</b>
EL.	◐	<b>1T5998EL</b>	<b>1T5999EL</b>
DALI	○	<b>1T5990DA</b>	<b>1T5991DA</b>
DALI	●	<b>1T5994DA</b>	<b>1T5995DA</b>
DALI	◐	<b>1T5998DA</b>	<b>1T5999DA</b>

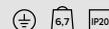
### LED / 24W / DOWN UGR



3000K	4000K	H(m)	2θ(°)	Area(m²)		
Beam						
74°						
Fixture Power	27W	3	3.51	1088		
Mounting Pole	1200mm	3	4.02	111		
Fixture Size	1200mm	3	4.52	100		
Efficiency	81%/lm	4	6.03	104		
1200mm	max=9120lm	Beam	1088.0	6	7.96	60

Driver	Colour	3000K	4000K
EL.	○	<b>1T6861EL</b>	<b>1T6862EL</b>
EL.	●	<b>1T6863EL</b>	<b>1T6864EL</b>
EL.	◐	<b>1T6865EL</b>	<b>1T6866EL</b>
DALI	○	<b>1T6861DA</b>	<b>1T6862DA</b>
DALI	●	<b>1T6863DA</b>	<b>1T6864DA</b>
DALI	◐	<b>1T6865DA</b>	<b>1T6866DA</b>

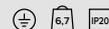
### LED / 54W / UP-DOWN OPAL



3000K	4000K	H(m)	2θ(°)	Area(m²)		
Beam						
100°						
Fixture Power	60W	3	2.46	1814		
Mounting Pole	1800mm	3	5.33	290		
Fixture Size	1800mm	4	7.96	119		
Efficiency	89%/lm	4	10.01	73		
1800mm	max=21600lm	Beam	1391.0	6	51.31	60

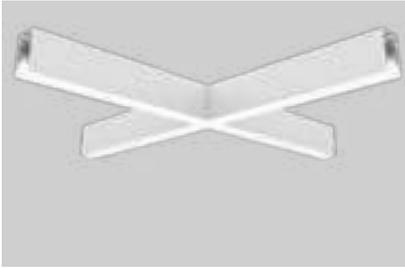
Driver	Colour	3000K	4000K
EL.	○	<b>1T6897EL</b>	<b>1T6898EL</b>
EL.	●	<b>1T6899EL</b>	<b>1T6900EL</b>
EL.	◐	<b>1T6901EL</b>	<b>1T6902EL</b>
DALI	○	<b>1T6897DA</b>	<b>1T6898DA</b>
DALI	●	<b>1T6899DA</b>	<b>1T6900DA</b>
DALI	◐	<b>1T6901DA</b>	<b>1T6902DA</b>

### LED / 36W / UP-DOWN UGR

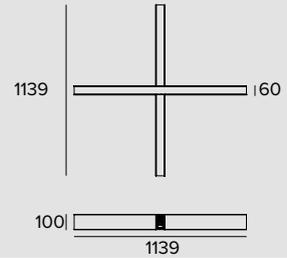


3000K	4000K	H(m)	2θ(°)	Area(m²)		
Beam						
74°						
Fixture Power	40W	3	3.51	1101		
Mounting Pole	1800mm	3	4.02	119		
Fixture Size	1800mm	3	4.52	119		
Efficiency	81%/lm	4	6.03	85		
1800mm	max=21600lm	Beam	1101.0	6	7.96	60

Driver	Colour	3000K	4000K
EL.	○	<b>1T6879EL</b>	<b>1T6880EL</b>
EL.	●	<b>1T6881EL</b>	<b>1T6882EL</b>
EL.	◐	<b>1T6883EL</b>	<b>1T6884EL</b>
DALI	○	<b>1T6879DA</b>	<b>1T6880DA</b>
DALI	●	<b>1T6881DA</b>	<b>1T6882DA</b>
DALI	◐	<b>1T6883DA</b>	<b>1T6884DA</b>



## System Ceiling/ Suspension - continuous light module X connector

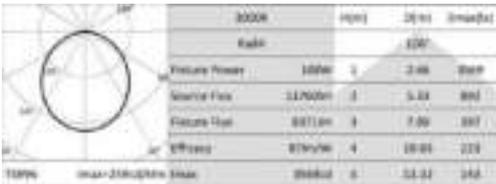


### LED / 48W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T6000EL</b>	<b>1T6001EL</b>
EL.	●	<b>1T6004EL</b>	<b>1T6005EL</b>
EL.	◐	<b>1T6008EL</b>	<b>1T6009EL</b>
DALI	○	<b>1T6000DA</b>	<b>1T6001DA</b>
DALI	●	<b>1T6004DA</b>	<b>1T6005DA</b>
DALI	◐	<b>1T6008DA</b>	<b>1T6009DA</b>

### LED / 96W / DOWN OPAL



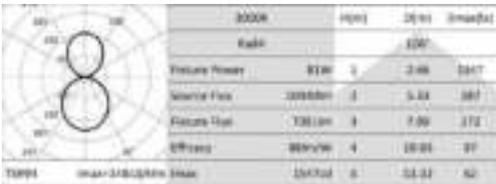
Driver	Colour	3000K	4000K
EL.	○	<b>1T6002EL</b>	<b>1T6003EL</b>
EL.	●	<b>1T6006EL</b>	<b>1T6007EL</b>
EL.	◐	<b>1T6010EL</b>	<b>1T6011EL</b>
DALI	○	<b>1T6002DA</b>	<b>1T6003DA</b>
DALI	●	<b>1T6006DA</b>	<b>1T6007DA</b>
DALI	◐	<b>1T6010DA</b>	<b>1T6011DA</b>

### LED / 36W / DOWN UGR



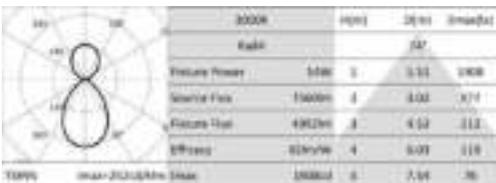
Driver	Colour	3000K	4000K
EL.	○	<b>1T6867EL</b>	<b>1T6868EL</b>
EL.	●	<b>1T6869EL</b>	<b>1T6870EL</b>
EL.	◐	<b>1T6871EL</b>	<b>1T6872EL</b>
DALI	○	<b>1T6867DA</b>	<b>1T6868DA</b>
DALI	●	<b>1T6869DA</b>	<b>1T6870DA</b>
DALI	◐	<b>1T6871DA</b>	<b>1T6872DA</b>

### LED / 72W / UP-DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T6903EL</b>	<b>1T6904EL</b>
EL.	●	<b>1T6905EL</b>	<b>1T6906EL</b>
EL.	◐	<b>1T6907EL</b>	<b>1T6908EL</b>
DALI	○	<b>1T6903DA</b>	<b>1T6904DA</b>
DALI	●	<b>1T6905DA</b>	<b>1T6906DA</b>
DALI	◐	<b>1T6907DA</b>	<b>1T6908DA</b>

### LED / 48W / UP-DOWN UGR



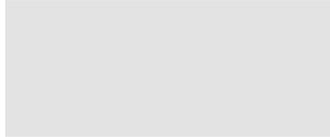
Driver	Colour	3000K	4000K
EL.	○	<b>1T6885EL</b>	<b>1T6886EL</b>
EL.	●	<b>1T6887EL</b>	<b>1T6888EL</b>
EL.	◐	<b>1T6889EL</b>	<b>1T6890EL</b>
DALI	○	<b>1T6885DA</b>	<b>1T6886DA</b>
DALI	●	<b>1T6887DA</b>	<b>1T6888DA</b>
DALI	◐	<b>1T6889DA</b>	<b>1T6890DA</b>

## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## Related codes

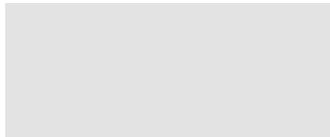
### End Caps



Colour	Code
○	<b>1T5937</b>
●	<b>1T5938</b>
●	<b>1T5939</b>

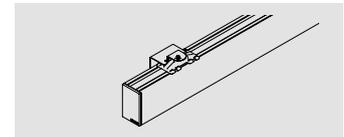
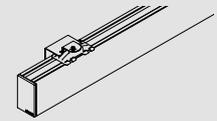
End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

### Mounting System



Colour	Code
○	<b>1T5912</b>
●	<b>1T5913</b>
●	<b>1T5914</b>

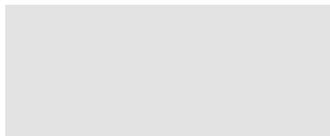
Ceiling installation: polycarbonate bracket.  
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.



Colour	Code
○	<b>1T6919</b>
●	<b>1T6920</b>
●	<b>1T6921</b>

Wall installation: painted metal bracket.  
To be ordered in the following quantities for every fixture length: 1 for the 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm version.

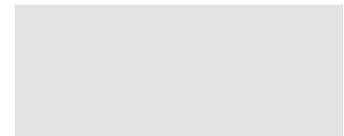
### Suspension



L	Colour	Code
2000	○	<b>1T5899</b>
2000	●	<b>1T5900</b>
2000	●	<b>1T5901</b>
4000	○	<b>1T5902</b>
4000	●	<b>1T5903</b>
4000	●	<b>1T5904</b>

Suspension cable.  
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.  
Suspension cable compatible with ceiling or wall installations, even inclined.

### Power Supply Kit



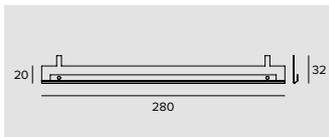
L	Driver	Colour	Code
4000	EL.	○	<b>1T5905EL</b>
4000	EL.	●	<b>1T5906EL</b>
4000	EL.	●	<b>1T5907EL</b>
4000	DALI	○	<b>1T5905DA</b>
4000	DALI	●	<b>1T5906DA</b>
4000	DALI	●	<b>1T5907DA</b>

Suspension installation kit: power cable complete with a painted polycarbonate rosette.  
Max 0.6kW.

# LOGICO

## Accessories

### Screen



Code

**1T6502**

Accessory designed to improve the visual comfort of the Wall Washer version.  
To be installed on a standard reflector.  
Made of matte black painted aluminium.  
280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

### Electrical Connector



Code

**1T5911**

Linear electrical connector.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



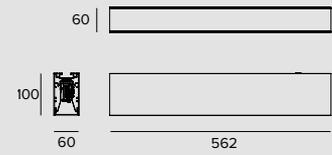
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Trimless Recessed light module L. 562mm



### LED / 12W / DOWN OPAL ± 3.5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6019EL</b>	<b>1T6020EL</b>
EL.	●	<b>1T6023EL</b>	<b>1T6024EL</b>
DALI	○	<b>1T6019DA</b>	<b>1T6020DA</b>
DALI	●	<b>1T6023DA</b>	<b>1T6024DA</b>

### LED / 24W / DOWN OPAL ± 3.5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6021EL</b>	<b>1T6022EL</b>
EL.	●	<b>1T6025EL</b>	<b>1T6026EL</b>
DALI	○	<b>1T6021DA</b>	<b>1T6022DA</b>
DALI	●	<b>1T6025DA</b>	<b>1T6026DA</b>

### LED / 8W / DOWN UGR ± 3.5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6813EL</b>	<b>1T6814EL</b>
EL.	●	<b>1T6815EL</b>	<b>1T6816EL</b>
DALI	○	<b>1T6813DA</b>	<b>1T6814DA</b>
DALI	●	<b>1T6815DA</b>	<b>1T6816DA</b>

### LED / 12W / DOWN WW ± 3.5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6817EL</b>	<b>1T6818EL</b>
EL.	●	<b>1T6819EL</b>	<b>1T6820EL</b>
DALI	○	<b>1T6817DA</b>	<b>1T6818DA</b>
DALI	●	<b>1T6819DA</b>	<b>1T6820DA</b>

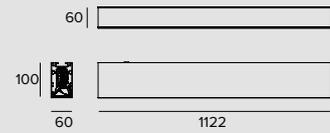
### LED / 24W / DOWN WW ± 3.5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6821EL</b>	<b>1T6822EL</b>
EL.	●	<b>1T6823EL</b>	<b>1T6824EL</b>
DALI	○	<b>1T6821DA</b>	<b>1T6822DA</b>
DALI	●	<b>1T6823DA</b>	<b>1T6824DA</b>



## System Trimless Recessed light module L. 1122mm



### LED / 24W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5839EL</b>	<b>1T5840EL</b>
EL.	●	<b>1T5841EL</b>	<b>1T5842EL</b>
DALI	○	<b>1T5839DA</b>	<b>1T5840DA</b>
DALI	●	<b>1T5841DA</b>	<b>1T5842DA</b>

### LED / 48W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5843EL</b>	<b>1T5844EL</b>
EL.	●	<b>1T5845EL</b>	<b>1T5846EL</b>
DALI	○	<b>1T5843DA</b>	<b>1T5844DA</b>
DALI	●	<b>1T5845DA</b>	<b>1T5846DA</b>

### LED / 16W / DOWN UGR



Driver	Colour	3000K	4000K
EL.	○	<b>1T5847EL</b>	<b>1T5848EL</b>
EL.	●	<b>1T5849EL</b>	<b>1T5850EL</b>
DALI	○	<b>1T5847DA</b>	<b>1T5848DA</b>
DALI	●	<b>1T5849DA</b>	<b>1T5850DA</b>

### LED / 24W / DOWN WW



Driver	Colour	3000K	4000K
EL.	○	<b>1T5851EL</b>	<b>1T5852EL</b>
EL.	●	<b>1T5853EL</b>	<b>1T5854EL</b>
DALI	○	<b>1T5851DA</b>	<b>1T5852DA</b>
DALI	●	<b>1T5853DA</b>	<b>1T5854DA</b>

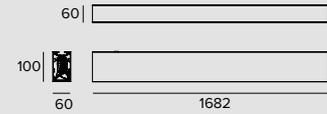
### LED / 48W / DOWN WW



Driver	Colour	3000K	4000K
EL.	○	<b>1T5855EL</b>	<b>1T5856EL</b>
EL.	●	<b>1T5857EL</b>	<b>1T5858EL</b>
DALI	○	<b>1T5855DA</b>	<b>1T5856DA</b>
DALI	●	<b>1T5857DA</b>	<b>1T5858DA</b>



## System Trimless Recessed light module L. 1682mm



### LED / 36W / DOWN OPAL ⊕ 6.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5859EL</b>	<b>1T5860EL</b>
EL.	●	<b>1T5861EL</b>	<b>1T5862EL</b>
DALI	○	<b>1T5859DA</b>	<b>1T5860DA</b>
DALI	●	<b>1T5861DA</b>	<b>1T5862DA</b>

### LED / 72W / DOWN OPAL ⊕ 6.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5863EL</b>	<b>1T5864EL</b>
EL.	●	<b>1T5865EL</b>	<b>1T5866EL</b>
DALI	○	<b>1T5863DA</b>	<b>1T5864DA</b>
DALI	●	<b>1T5865DA</b>	<b>1T5866DA</b>

### LED / 24W / DOWN UGR ⊕ 6.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5867EL</b>	<b>1T5868EL</b>
EL.	●	<b>1T5869EL</b>	<b>1T5870EL</b>
DALI	○	<b>1T5867DA</b>	<b>1T5868DA</b>
DALI	●	<b>1T5869DA</b>	<b>1T5870DA</b>

### LED / 36W / DOWN WW ⊕ 6.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5871EL</b>	<b>1T5872EL</b>
EL.	●	<b>1T5873EL</b>	<b>1T5874EL</b>
DALI	○	<b>1T5871DA</b>	<b>1T5872DA</b>
DALI	●	<b>1T5873DA</b>	<b>1T5874DA</b>

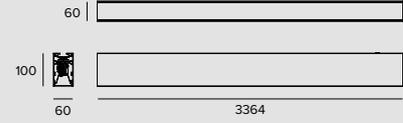
### LED / 72W / DOWN WW ⊕ 6.2 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5875EL</b>	<b>1T5876EL</b>
EL.	●	<b>1T5877EL</b>	<b>1T5878EL</b>
DALI	○	<b>1T5875DA</b>	<b>1T5876DA</b>
DALI	●	<b>1T5877DA</b>	<b>1T5878DA</b>



## System Trimless Recessed light module L. 3364mm



### LED / 72W / DOWN OPAL



3000K	H(m)	D(m)	Area(m²)
Kali	2.00	0.30	
Fixture Power	81W	3	2.46 270
Mounting Fix	2000mm	3	5.33 477
Fixture Qty	1120mm	3	7.90 300
Efficiency	88lm/W	4	10.01 300
120W	max=2100mm	3	51.31 300

Driver	Colour	3000K	4000K
EL.	○	<b>1T5879EL</b>	<b>1T5880EL</b>
EL.	●	<b>1T5881EL</b>	<b>1T5882EL</b>
DALI	○	<b>1T5879DA</b>	<b>1T5880DA</b>
DALI	●	<b>1T5881DA</b>	<b>1T5882DA</b>

### LED / 144W / DOWN OPAL



3000K	H(m)	D(m)	Area(m²)
Kali	2.00	0.30	
Fixture Power	162W	3	2.46 304
Mounting Fix	2000mm	3	5.33 478
Fixture Qty	2400mm	3	7.90 590
Efficiency	88lm/W	4	10.01 310
120W	max=2100mm	3	51.31 310

Driver	Colour	3000K	4000K
EL.	○	<b>1T5883EL</b>	<b>1T5884EL</b>
EL.	●	<b>1T5885EL</b>	<b>1T5886EL</b>
DALI	○	<b>1T5883DA</b>	<b>1T5884DA</b>
DALI	●	<b>1T5885DA</b>	<b>1T5886DA</b>

### LED / 48W / DOWN UGR



3000K	H(m)	D(m)	Area(m²)
Kali	2.00	0.30	
Fixture Power	54W	3	2.46 110
Mounting Fix	1000mm	3	3.02 344
Fixture Qty	480mm	3	4.52 370
Efficiency	88lm/W	4	6.01 300
120W	max=600mm	3	7.94 300

Driver	Colour	3000K	4000K
EL.	○	<b>1T5887EL</b>	<b>1T5888EL</b>
EL.	●	<b>1T5889EL</b>	<b>1T5890EL</b>
DALI	○	<b>1T5887DA</b>	<b>1T5888DA</b>
DALI	●	<b>1T5889DA</b>	<b>1T5890DA</b>

### LED / 72W / DOWN WW



3000K	H(m)	D(m)	Area(m²)
Kali	2.00	0.30	
Fixture Power	81W	3	2.28 230
Mounting Fix	2000mm	3	4.36 330
Fixture Qty	820mm	3	6.84 304
Efficiency	100lm/W	4	9.02 300
120W	max=1000mm	3	11.42 300

Driver	Colour	3000K	4000K
EL.	○	<b>1T5891EL</b>	<b>1T5892EL</b>
EL.	●	<b>1T5893EL</b>	<b>1T5894EL</b>
DALI	○	<b>1T5891DA</b>	<b>1T5892DA</b>
DALI	●	<b>1T5893DA</b>	<b>1T5894DA</b>

### LED / 144W / DOWN WW



3000K	H(m)	D(m)	Area(m²)
Kali	2.00	0.30	
Fixture Power	162W	3	2.28 340
Mounting Fix	2000mm	3	4.36 434
Fixture Qty	1640mm	3	6.84 486
Efficiency	100lm/W	4	9.02 300
120W	max=1000mm	3	11.42 300

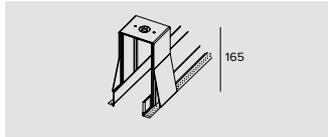
Driver	Colour	3000K	4000K
EL.	○	<b>1T5895EL</b>	<b>1T5896EL</b>
EL.	●	<b>1T5897EL</b>	<b>1T5898EL</b>
DALI	○	<b>1T5895DA</b>	<b>1T5896DA</b>
DALI	●	<b>1T5897DA</b>	<b>1T5898DA</b>

## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

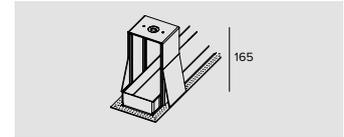
## Related codes

### Insertion Box



Kg	Cutout hole	L	Code
1.25	80x281	281	<b>1T7369</b>
1.8	80x562	562	<b>1T6051</b>
3.2	80x1122	1122	<b>1T5915</b>
3.8	80x1682	1682	<b>1T5916</b>

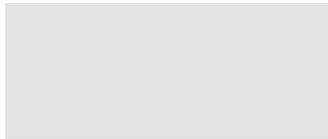
Outer casing for trimless installation.



Kg	Cutout hole	L	Code
1.3	80x291	306	<b>1T7370</b>
1.9	80x572	587	<b>1T6052</b>
3.2	80x1132	1147	<b>1T5917</b>
3.8	80x1692	1707	<b>1T5921</b>

Terminal outer casing for trimless installation.

### End Caps



Colour	Code
○	<b>1T5937</b>
●	<b>1T5938</b>

End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

## Accessories

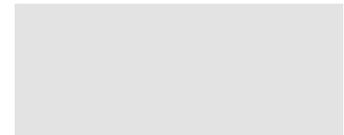
### Screen



Code
<b>1T6502</b>

Accessory designed to improve the visual comfort of the Wall Washer version.  
To be installed on a standard reflector.  
Made of matte black painted aluminium.  
280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

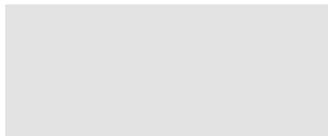
### Electrical Connector



Code
<b>1T5911</b>

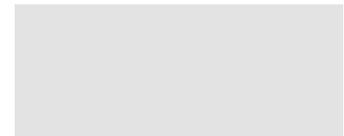
Linear electrical connector.

### Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code
<b>1T5352</b>

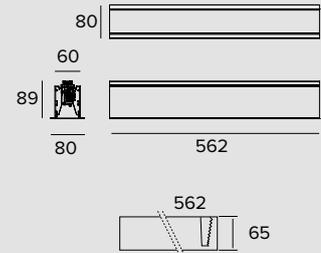
IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# LOGICO





## System Recessed with flange - continuous light module L. 562mm



### LED / 12W / DOWN OPAL ± 3.4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6015EL</b>	<b>1T6016EL</b>
DALI	○	<b>1T6015DA</b>	<b>1T6016DA</b>

### LED / 24W / DOWN OPAL ± 3.4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6017EL</b>	<b>1T6018EL</b>
DALI	○	<b>1T6017DA</b>	<b>1T6018DA</b>

### LED / 8W / DOWN UGR ± 3.4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6807EL</b>	<b>1T6808EL</b>
DALI	○	<b>1T6807DA</b>	<b>1T6808DA</b>

### LED / 12W / DOWN WW ± 3.4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T6809EL</b>	<b>1T6810EL</b>
DALI	○	<b>1T6809DA</b>	<b>1T6810DA</b>

### LED / 24W / DOWN WW ± 3.4 IP20

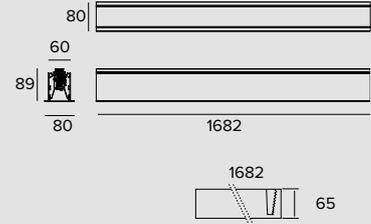


Driver	Colour	3000K	4000K
EL.	○	<b>1T6811EL</b>	<b>1T6812EL</b>
DALI	○	<b>1T6811DA</b>	<b>1T6812DA</b>





## System Recessed with flange - continuous light module L. 1682mm



### LED / 36W / DOWN OPAL ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5471EL</b>	<b>1T5472EL</b>
DALI	○	<b>1T5471DA</b>	<b>1T5472DA</b>

### LED / 72W / DOWN OPAL ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5473EL</b>	<b>1T5474EL</b>
DALI	○	<b>1T5473DA</b>	<b>1T5474DA</b>

### LED / 24W / DOWN UGR ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5475EL</b>	<b>1T5476EL</b>
DALI	○	<b>1T5475DA</b>	<b>1T5476DA</b>

### LED / 36W / DOWN WW ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5477EL</b>	<b>1T5478EL</b>
DALI	○	<b>1T5477DA</b>	<b>1T5478DA</b>

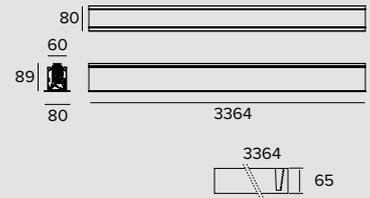
### LED / 72W / DOWN WW ± 5 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5479EL</b>	<b>1T5480EL</b>
DALI	○	<b>1T5479DA</b>	<b>1T5480DA</b>



## System Recessed with flange - continuous light module L. 3364mm



### LED / 72W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5481EL</b>	<b>1T5482EL</b>
DALI	○	<b>1T5481DA</b>	<b>1T5482DA</b>

### LED / 144W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5483EL</b>	<b>1T5484EL</b>
DALI	○	<b>1T5483DA</b>	<b>1T5484DA</b>

### LED / 48W / DOWN UGR



Driver	Colour	3000K	4000K
EL.	○	<b>1T5485EL</b>	<b>1T5486EL</b>
DALI	○	<b>1T5485DA</b>	<b>1T5486DA</b>

### LED / 72W / DOWN WW



Driver	Colour	3000K	4000K
EL.	○	<b>1T5487EL</b>	<b>1T5488EL</b>
DALI	○	<b>1T5487DA</b>	<b>1T5488DA</b>

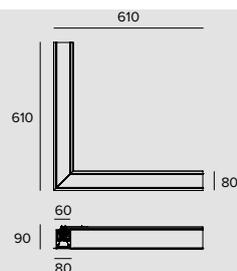
### LED / 144W / DOWN WW



Driver	Colour	3000K	4000K
EL.	○	<b>1T5489EL</b>	<b>1T5490EL</b>
DALI	○	<b>1T5489DA</b>	<b>1T5490DA</b>



## System Recessed with flange - continuous light module L connector



### LED / 24W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)		
Beam			100°			
Fixture Power	27W	3	2.46	301		
Mounting Fix	1800mm	3	5.33	279		
Fixture Trail	1200mm	3	7.96	383		
Efficiency	80lm/W	4	10.01	36		
TM90	max=2160lm/30m	Max	9000lm	6	51.31	36

Driver	Colour	3000K	4000K
EL.	○	<b>1T5940EL</b>	<b>1T5941EL</b>
DALI	○	<b>1T5940DA</b>	<b>1T5941DA</b>

### LED / 48W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)		
Beam			100°			
Fixture Power	54W	3	2.46	1203		
Mounting Fix	4800mm	3	5.33	646		
Fixture Trail	4800mm	3	7.96	298		
Efficiency	80lm/W	4	10.01	112		
TM90	max=2160lm/30m	Max	17880lm	6	51.31	72

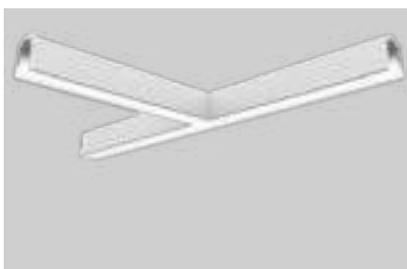
Driver	Colour	3000K	4000K
EL.	○	<b>1T5942EL</b>	<b>1T5943EL</b>
DALI	○	<b>1T5942DA</b>	<b>1T5943DA</b>

### LED / 16W / DOWN UGR

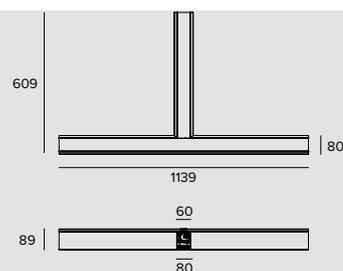


	3000K	H(m)	D(m)	Area(m²)		
Beam			35°			
Fixture Power	16W	3	0.51	1113		
Mounting Fix	1600mm	3	6.02	278		
Fixture Trail	1600mm	3	4.52	129		
Efficiency	80lm/W	4	6.01	30		
TM90	max=800lm/30m	Max	5120lm	6	7.59	30

Driver	Colour	3000K	4000K
EL.	○	<b>1T6849EL</b>	<b>1T6850EL</b>
DALI	○	<b>1T6849DA</b>	<b>1T6850DA</b>



## System Recessed with flange - continuous light module T connector



### LED / 36W / DOWN OPAL



	3000K	H(m)	D(m)	Area(m²)		
Beam			100°			
Fixture Power	40W	3	2.46	1614		
Mounting Fix	3200mm	3	5.33	418		
Fixture Trail	1600mm	3	7.96	233		
Efficiency	80lm/W	4	10.01	65		
TM90	max=2160lm/30m	Max	13920lm	6	51.31	65

Driver	Colour	3000K	4000K
EL.	○	<b>1T5944EL</b>	<b>1T5945EL</b>
DALI	○	<b>1T5944DA</b>	<b>1T5945DA</b>



## Related codes

### End Caps



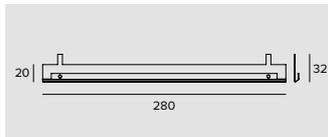
Code

**1T5908**

End caps for the recessed version with a flange.  
White.  
2X

## Accessories

### Screen



Code

**1T6502**

Accessory designed to improve the visual comfort of the Wall Washer version.  
To be installed on a standard reflector.  
Made of matte black painted aluminium.  
280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

### Electrical Connector



Code

**1T5911**

Linear electrical connector.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



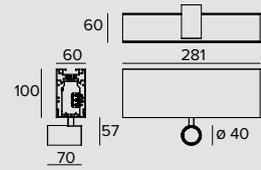
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Ceiling/ Suspension - projector module Label 4



**LED / 1x8W / SP** ± 1.3 IP20

Beam (°)	3000K	H(m)	D(m)	Area(m²)
28°	1130lm	4	0.93	0.84
36°	1130lm	4	1.24	1.54
45°	1130lm	4	1.54	2.37
54°	1130lm	4	1.85	3.41

Driver	Colour	3000K	4000K
EL.	○	<b>1T7221EL</b>	<b>1T7224EL</b>
EL.	●	<b>1T7227EL</b>	<b>1T7230EL</b>
EL.	◐	<b>1T7233EL</b>	<b>1T7236EL</b>
DALI	○	<b>1T7221DA</b>	<b>1T7224DA</b>
DALI	●	<b>1T7227DA</b>	<b>1T7230DA</b>
DALI	◐	<b>1T7233DA</b>	<b>1T7236DA</b>

**LED / 1x8W / FL** ± 1.3 IP20

Beam (°)	3000K	H(m)	D(m)	Area(m²)
27°	1130lm	4	0.88	0.77
35°	1130lm	4	1.19	1.41
44°	1130lm	4	1.49	2.22
53°	1130lm	4	1.80	3.24

Driver	Colour	3000K	4000K
EL.	○	<b>1T7222EL</b>	<b>1T7225EL</b>
EL.	●	<b>1T7228EL</b>	<b>1T7231EL</b>
EL.	◐	<b>1T7234EL</b>	<b>1T7237EL</b>
DALI	○	<b>1T7222DA</b>	<b>1T7225DA</b>
DALI	●	<b>1T7228DA</b>	<b>1T7231DA</b>
DALI	◐	<b>1T7234DA</b>	<b>1T7237DA</b>

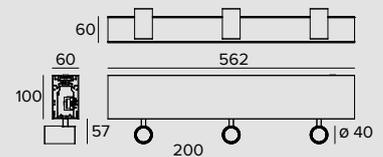
**LED / 1x8W / MWFL** ± 1.3 IP20

Beam (°)	3000K	H(m)	D(m)	Area(m²)
42°	1130lm	4	1.52	2.31
51°	1130lm	4	1.82	3.32
60°	1130lm	4	2.12	4.49
69°	1130lm	4	2.42	5.86

Driver	Colour	3000K	4000K
EL.	○	<b>1T7223EL</b>	<b>1T7226EL</b>
EL.	●	<b>1T7229EL</b>	<b>1T7232EL</b>
EL.	◐	<b>1T7235EL</b>	<b>1T7238EL</b>
DALI	○	<b>1T7223DA</b>	<b>1T7226DA</b>
DALI	●	<b>1T7229DA</b>	<b>1T7232DA</b>
DALI	◐	<b>1T7235DA</b>	<b>1T7238DA</b>



## System Ceiling/ Suspension - projector module Label 4



**LED / 3x8W / SP** ± 3.4 IP20

Beam (°)	3000K	H(m)	D(m)	Area(m²)
28°	3390lm	4	0.93	0.84
36°	3390lm	4	1.24	1.54
45°	3390lm	4	1.54	2.37
54°	3390lm	4	1.85	3.41

Driver	Colour	3000K	4000K
EL.	○	<b>1T7239EL</b>	<b>1T7242EL</b>
EL.	●	<b>1T7245EL</b>	<b>1T7248EL</b>
EL.	◐	<b>1T7251EL</b>	<b>1T7254EL</b>
DALI	○	<b>1T7239DA</b>	<b>1T7242DA</b>
DALI	●	<b>1T7245DA</b>	<b>1T7248DA</b>
DALI	◐	<b>1T7251DA</b>	<b>1T7254DA</b>

**LED / 3x8W / FL**



Driver	Colour	3000K	4000K
EL.	○	<b>1T7240EL</b>	<b>1T7243EL</b>
EL.	●	<b>1T7246EL</b>	<b>1T7249EL</b>
EL.	◐	<b>1T7252EL</b>	<b>1T7255EL</b>
DALI	○	<b>1T7240DA</b>	<b>1T7243DA</b>
DALI	●	<b>1T7246DA</b>	<b>1T7249DA</b>
DALI	◐	<b>1T7252DA</b>	<b>1T7255DA</b>

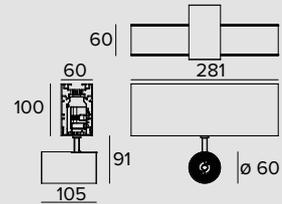
**LED / 3x8W / MWFL**



Driver	Colour	3000K	4000K
EL.	○	<b>1T7241EL</b>	<b>1T7244EL</b>
EL.	●	<b>1T7247EL</b>	<b>1T7250EL</b>
EL.	◐	<b>1T7253EL</b>	<b>1T7256EL</b>
DALI	○	<b>1T7241DA</b>	<b>1T7244DA</b>
DALI	●	<b>1T7247DA</b>	<b>1T7250DA</b>
DALI	◐	<b>1T7253DA</b>	<b>1T7256DA</b>



**System Ceiling/  
Suspension - projector  
module Label 6**



**LED / 1x14W / SP**



Driver	Colour	3000K	4000K
EL.	○	<b>1T7305EL</b>	<b>1T7308EL</b>
EL.	●	<b>1T7311EL</b>	<b>1T7314EL</b>
EL.	◐	<b>1T7317EL</b>	<b>1T7320EL</b>
DALI	○	<b>1T7305DA</b>	<b>1T7308DA</b>
DALI	●	<b>1T7311DA</b>	<b>1T7314DA</b>
DALI	◐	<b>1T7317DA</b>	<b>1T7320DA</b>

**LED / 1x14W / FL**



Driver	Colour	3000K	4000K
EL.	○	<b>1T7306EL</b>	<b>1T7309EL</b>
EL.	●	<b>1T7312EL</b>	<b>1T7315EL</b>
EL.	◐	<b>1T7318EL</b>	<b>1T7321EL</b>
DALI	○	<b>1T7306DA</b>	<b>1T7309DA</b>
DALI	●	<b>1T7312DA</b>	<b>1T7315DA</b>
DALI	◐	<b>1T7318DA</b>	<b>1T7321DA</b>

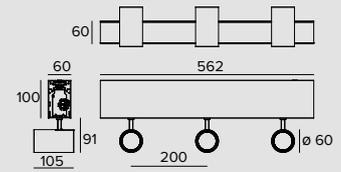
**LED / 1x14W / MWFL**



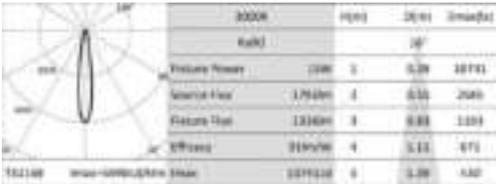
Driver	Colour	3000K	4000K
EL.	○	<b>1T7307EL</b>	<b>1T7310EL</b>
EL.	●	<b>1T7313EL</b>	<b>1T7316EL</b>
EL.	◐	<b>1T7319EL</b>	<b>1T7322EL</b>
DALI	○	<b>1T7307DA</b>	<b>1T7310DA</b>
DALI	●	<b>1T7313DA</b>	<b>1T7316DA</b>
DALI	◐	<b>1T7319DA</b>	<b>1T7322DA</b>



## System Ceiling/ Suspension - projector module Label 6

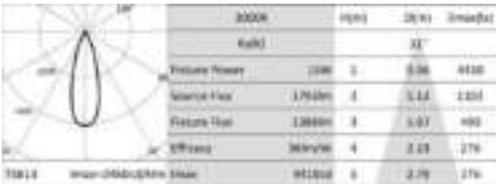


### LED / 3x14W / SP ± 4.3 IP20



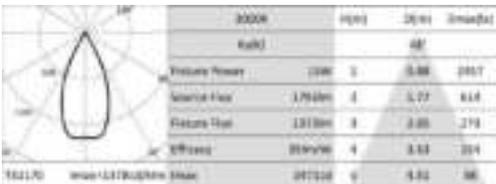
Driver	Colour	3000K	4000K
EL.	○	<b>1T7323EL</b>	<b>1T7326EL</b>
EL.	●	<b>1T7329EL</b>	<b>1T7332EL</b>
EL.	◐	<b>1T7335EL</b>	<b>1T7338EL</b>
DALI	○	<b>1T7323DA</b>	<b>1T7326DA</b>
DALI	●	<b>1T7329DA</b>	<b>1T7332DA</b>
DALI	◐	<b>1T7335DA</b>	<b>1T7338DA</b>

### LED / 3x14W / FL ± 4.3 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T7324EL</b>	<b>1T7327EL</b>
EL.	●	<b>1T7330EL</b>	<b>1T7333EL</b>
EL.	◐	<b>1T7336EL</b>	<b>1T7339EL</b>
DALI	○	<b>1T7324DA</b>	<b>1T7327DA</b>
DALI	●	<b>1T7330DA</b>	<b>1T7333DA</b>
DALI	◐	<b>1T7336DA</b>	<b>1T7339DA</b>

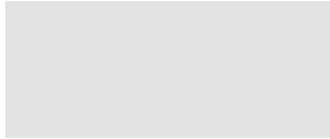
### LED / 3x14W / MWFL ± 4.3 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T7325EL</b>	<b>1T7328EL</b>
EL.	●	<b>1T7331EL</b>	<b>1T7334EL</b>
EL.	◐	<b>1T7337EL</b>	<b>1T7340EL</b>
DALI	○	<b>1T7325DA</b>	<b>1T7328DA</b>
DALI	●	<b>1T7331DA</b>	<b>1T7334DA</b>
DALI	◐	<b>1T7337DA</b>	<b>1T7340DA</b>

## Related codes

### End Caps



Colour	Code
○	<b>1T5937</b>
●	<b>1T5938</b>
●	<b>1T5939</b>

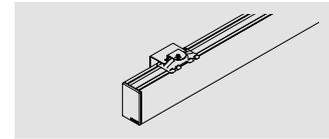
End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

### Mounting System



Colour	Code
○	<b>1T5912</b>
●	<b>1T5913</b>
●	<b>1T5914</b>

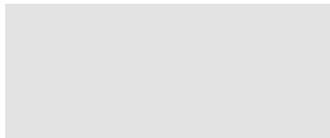
Ceiling installation: polycarbonate bracket.  
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.



Colour	Code
○	<b>1T6919</b>
●	<b>1T6920</b>
●	<b>1T6921</b>

Wall installation: painted metal bracket.  
To be ordered in the following quantities for every fixture length: 1 for the 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm version.

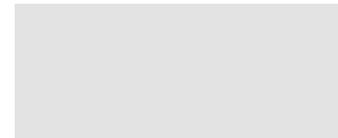
### Suspension



L	Colour	Code
2000	○	<b>1T5899</b>
2000	●	<b>1T5900</b>
2000	●	<b>1T5901</b>
4000	○	<b>1T5902</b>
4000	●	<b>1T5903</b>
4000	●	<b>1T5904</b>

Suspension cable.  
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.  
Suspension cable compatible with ceiling or wall installations, even inclined.

### Power Supply Kit



L	Driver	Colour	Code
4000	EL.	○	<b>1T5905EL</b>
4000	EL.	●	<b>1T5906EL</b>
4000	EL.	●	<b>1T5907EL</b>
4000	DALI	○	<b>1T5905DA</b>
4000	DALI	●	<b>1T5906DA</b>
4000	DALI	●	<b>1T5907DA</b>

Suspension installation kit: power cable complete with a painted polycarbonate rosette.  
Max 0.6kW.

# LOGICO

## Accessories

### Electrical Connector



Code

**1T5911**

Linear electrical connector.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



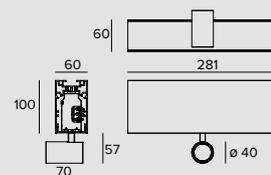
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Trimless Recessed - projector module Label 4



### LED / 1x8W / SP



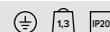
Driver	Colour	3000K	4000K
EL.	○	<b>1T7197EL</b>	<b>1T7200EL</b>
EL.	●	<b>1T7203EL</b>	<b>1T7206EL</b>
DALI	○	<b>1T7197DA</b>	<b>1T7200DA</b>
DALI	●	<b>1T7203DA</b>	<b>1T7206DA</b>

### LED / 1x8W / FL



Driver	Colour	3000K	4000K
EL.	○	<b>1T7198EL</b>	<b>1T7201EL</b>
EL.	●	<b>1T7204EL</b>	<b>1T7207EL</b>
DALI	○	<b>1T7198DA</b>	<b>1T7201DA</b>
DALI	●	<b>1T7204DA</b>	<b>1T7207DA</b>

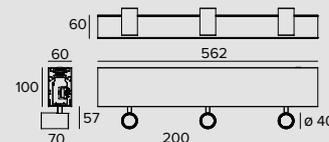
### LED / 1x8W / MWFL



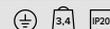
Driver	Colour	3000K	4000K
EL.	○	<b>1T7199EL</b>	<b>1T7202EL</b>
EL.	●	<b>1T7205EL</b>	<b>1T7208EL</b>
DALI	○	<b>1T7199DA</b>	<b>1T7202DA</b>
DALI	●	<b>1T7205DA</b>	<b>1T7208DA</b>



## System Trimless Recessed - projector module Label 4



### LED / 3x8W / SP



Driver	Colour	3000K	4000K
EL.	○	<b>1T7209EL</b>	<b>1T7212EL</b>
EL.	●	<b>1T7215EL</b>	<b>1T7218EL</b>
DALI	○	<b>1T7209DA</b>	<b>1T7212DA</b>
DALI	●	<b>1T7215DA</b>	<b>1T7218DA</b>

# LOGICO

## LED / 3x8W / FL ± 3.4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T7210EL</b>	<b>1T7213EL</b>
EL.	●	<b>1T7216EL</b>	<b>1T7219EL</b>
DALI	○	<b>1T7210DA</b>	<b>1T7213DA</b>
DALI	●	<b>1T7216DA</b>	<b>1T7219DA</b>

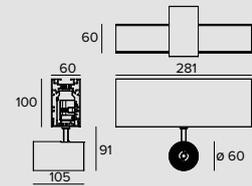
## LED / 3x8W / MWFL ± 3.4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T7211EL</b>	<b>1T7214EL</b>
EL.	●	<b>1T7217EL</b>	<b>1T7220EL</b>
DALI	○	<b>1T7211DA</b>	<b>1T7214DA</b>
DALI	●	<b>1T7217DA</b>	<b>1T7220DA</b>



### System Trimless Recessed - projector module Label 6



## LED / 1x14W / SP ± 1.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T7281EL</b>	<b>1T7284EL</b>
EL.	●	<b>1T7287EL</b>	<b>1T7290EL</b>
DALI	○	<b>1T7281DA</b>	<b>1T7284DA</b>
DALI	●	<b>1T7287DA</b>	<b>1T7290DA</b>

## LED / 1x14W / FL ± 1.6 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T7282EL</b>	<b>1T7285EL</b>
EL.	●	<b>1T7288EL</b>	<b>1T7291EL</b>
DALI	○	<b>1T7282DA</b>	<b>1T7285DA</b>
DALI	●	<b>1T7288DA</b>	<b>1T7291DA</b>

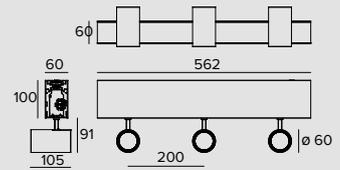
## LED / 1x14W / MWFL ± 1.6 IP20



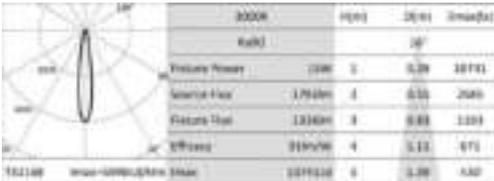
Driver	Colour	3000K	4000K
EL.	○	<b>1T7283EL</b>	<b>1T7286EL</b>
EL.	●	<b>1T7289EL</b>	<b>1T7292EL</b>
DALI	○	<b>1T7283DA</b>	<b>1T7286DA</b>
DALI	●	<b>1T7289DA</b>	<b>1T7292DA</b>



## System Trimless Recessed - projector module Label 6



### LED / 3x14W / SP



Driver	Colour	3000K	4000K
EL.	○	<b>1T7293EL</b>	<b>1T7296EL</b>
EL.	●	<b>1T7299EL</b>	<b>1T7302EL</b>
DALI	○	<b>1T7293DA</b>	<b>1T7296DA</b>
DALI	●	<b>1T7299DA</b>	<b>1T7302DA</b>

### LED / 3x14W / FL



Driver	Colour	3000K	4000K
EL.	○	<b>1T7294EL</b>	<b>1T7297EL</b>
EL.	●	<b>1T7300EL</b>	<b>1T7303EL</b>
DALI	○	<b>1T7294DA</b>	<b>1T7297DA</b>
DALI	●	<b>1T7300DA</b>	<b>1T7303DA</b>

### LED / 3x14W / MWFL



Driver	Colour	3000K	4000K
EL.	○	<b>1T7295EL</b>	<b>1T7298EL</b>
EL.	●	<b>1T7301EL</b>	<b>1T7304EL</b>
DALI	○	<b>1T7295DA</b>	<b>1T7298DA</b>
DALI	●	<b>1T7301DA</b>	<b>1T7304DA</b>

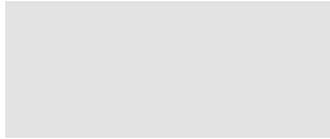
## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

# LOGICO

## Related codes

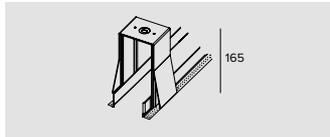
### End Caps



Colour	Code
	<b>1T5937</b>
	<b>1T5938</b>
	<b>1T5939</b>

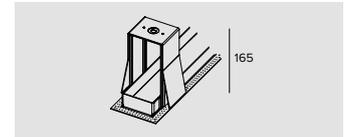
End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

### Insertion Box



Kg	Cutout hole	L	Code
1.25	80x281	281	<b>1T7369</b>
1.8	80x562	562	<b>1T6051</b>
3.2	80x1122	1122	<b>1T5915</b>
3.8	80x1682	1682	<b>1T5916</b>

Outer casing for trimless installation.

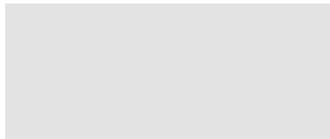


Kg	Cutout hole	L	Code
1.3	80x291	306	<b>1T7370</b>
1.9	80x572	587	<b>1T6052</b>
3.2	80x1132	1147	<b>1T5917</b>
3.8	80x1692	1707	<b>1T5921</b>

Terminal outer casing for trimless installation.

## Accessories

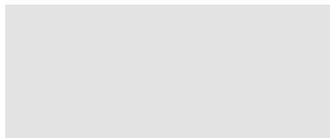
### Electrical Connector



Code
<b>1T5911</b>

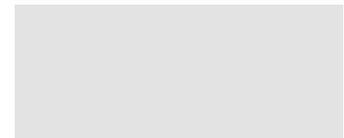
Linear electrical connector.

### Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

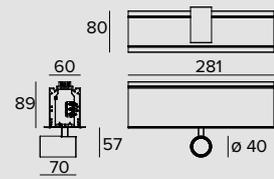


Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Recessed with flange - projector module Label 4



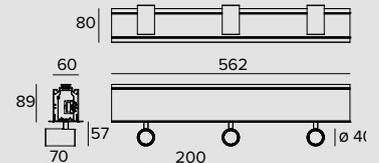
LED / 1x8W / SP									
	3000K	H(°)	D(°)	Dimmable	Driver	Colour	3000K	4000K	
	6x30		27°		EL.	○	<b>1T7173EL</b>	<b>1T7176EL</b>	
	Fixture Power	9W	2	0.33	4334	DALI	○	<b>1T7173DA</b>	<b>1T7176DA</b>
	Mounting Hole	62mm	4	0.52	1054				
	Fixture Size	62mm	4	0.53	948				
Efficiency	71lm/W	4	0.34	283					
182186	www.led4u.com	52140	6	0.35	368				

LED / 1x8W / FL									
	3000K	H(°)	D(°)	Dimmable	Driver	Colour	3000K	4000K	
	6x30		27°		EL.	○	<b>1T7174EL</b>	<b>1T7177EL</b>	
	Fixture Power	9W	2	0.33	4334	DALI	○	<b>1T7174DA</b>	<b>1T7177DA</b>
	Mounting Hole	113mm	4	0.55	880				
	Fixture Size	80mm	4	0.43	333				
Efficiency	62lm/W	4	0.31	280					
182186	www.led4u.com	52140	6	0.35	338				

LED / 1x8W / MWFL									
	3000K	H(°)	D(°)	Dimmable	Driver	Colour	3000K	4000K	
	6x30		42°		EL.	○	<b>1T7175EL</b>	<b>1T7178EL</b>	
	Fixture Power	9W	2	0.33	4334	DALI	○	<b>1T7175DA</b>	<b>1T7178DA</b>
	Mounting Hole	113mm	4	0.52	858				
	Fixture Size	62mm	4	0.35	303				
Efficiency	60lm/W	4	0.31	214					
182187	www.led4u.com	18010	6	0.32	31				



## System Recessed with flange - projector module Label 4



LED / 3x8W / SP									
	3000K	H(°)	D(°)	Dimmable	Driver	Colour	3000K	4000K	
	6x30		27°		EL.	○	<b>1T7185EL</b>	<b>1T7188EL</b>	
	Fixture Power	9W	2	0.33	4334	DALI	○	<b>1T7185DA</b>	<b>1T7188DA</b>
	Mounting Hole	62mm	4	0.52	1054				
	Fixture Size	62mm	4	0.53	948				
Efficiency	71lm/W	4	0.34	283					
182186	www.led4u.com	52140	6	0.35	368				

# LOGICO

## LED / 3x8W / FL



3000K	4000K	30°	3000K	3000K
6x6x3		27°		
Fixture Power	3W	0.38	1170	
Source Flux	1130lm	4	0.55	880
Fixture Flux	800lm	3	0.43	333
Efficiency	80lm/W	4	0.91	280
182186	182186	182186	0	2.38

Driver	Colour	3000K	4000K
EL.	○	<b>1T7186EL</b>	<b>1T7189EL</b>
DALI	○	<b>1T7186DA</b>	<b>1T7189DA</b>

## LED / 3x8W / MWFL

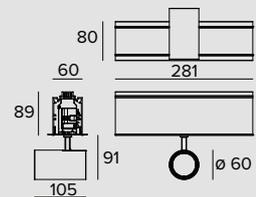


3000K	4000K	30°	3000K	3000K
6x6x3		42°		
Fixture Power	3W	0.79	1800	
Source Flux	1130lm	4	0.52	418
Fixture Flux	810lm	3	2.28	300
Efficiency	80lm/W	4	3.04	114
182187	182187	182187	0	4.80

Driver	Colour	3000K	4000K
EL.	○	<b>1T7187EL</b>	<b>1T7190EL</b>
DALI	○	<b>1T7187DA</b>	<b>1T7190DA</b>



**System Recessed with flange - projector module Label 6**



## LED / 1x14W / SP



3000K	4000K	30°	3000K	3000K
6x6x3		26°		
Fixture Power	12W	0.29	1870	
Source Flux	1790lm	4	0.55	2680
Fixture Flux	1340lm	3	0.81	1190
Efficiency	80lm/W	4	0.53	670
182188	182188	182188	0	4.89

Driver	Colour	3000K	4000K
EL.	○	<b>1T7257EL</b>	<b>1T7260EL</b>
DALI	○	<b>1T7257DA</b>	<b>1T7260DA</b>

## LED / 1x14W / FL



3000K	4000K	30°	3000K	3000K
6x6x3		31°		
Fixture Power	12W	0.36	1810	
Source Flux	1790lm	4	0.42	1330
Fixture Flux	1380lm	3	0.67	690
Efficiency	80lm/W	4	2.43	276
182189	182189	182189	0	2.79

Driver	Colour	3000K	4000K
EL.	○	<b>1T7258EL</b>	<b>1T7261EL</b>
DALI	○	<b>1T7258DA</b>	<b>1T7261DA</b>

## LED / 1x14W / MWFL



3000K	4000K	30°	3000K	3000K
6x6x3		48°		
Fixture Power	12W	0.88	1810	
Source Flux	1790lm	4	0.77	818
Fixture Flux	1310lm	3	2.85	279
Efficiency	80lm/W	4	0.53	334
182190	182190	182190	0	4.91

Driver	Colour	3000K	4000K
EL.	○	<b>1T7259EL</b>	<b>1T7262EL</b>
DALI	○	<b>1T7259DA</b>	<b>1T7262DA</b>



# LOGICO

## Accessories

### Electrical Connector



Code

**1T5911**

Linear electrical connector.

### Control systems



Code

**1T5349**

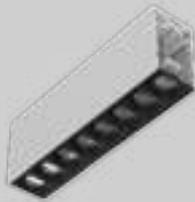
Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



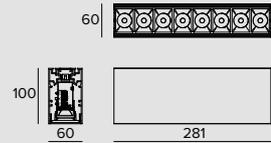
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Ceiling/ Suspension - spot module L. 281mm



### LED / 11,5W / LENSES / SP

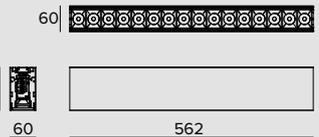


	3000K	4000K	5000K	5600K
Beam Angle	33°			
Fixture Power	12W	5	5,25	10,5W
Mounting Hole	180mm	4	0,80	900
Fixture Size	118mm	4	0,80	200
Efficiency	90lm/W	4	0,75	1200
180mm	180mm	4	0,80	100

Driver	Colour	3000K	4000K
EL.	○	<b>1T7349EL</b>	<b>1T7350EL</b>
EL.	●	<b>1T7351EL</b>	<b>1T7352EL</b>
EL.	◐	<b>1T7353EL</b>	<b>1T7354EL</b>
DALI	○	<b>1T7349DA</b>	<b>1T7350DA</b>
DALI	●	<b>1T7351DA</b>	<b>1T7352DA</b>
DALI	◐	<b>1T7353DA</b>	<b>1T7354DA</b>



## System Ceiling/ Suspension - spot module L. 562mm



### LED / 23W / LENSES / SP



	3000K	4000K	5000K	5600K
Beam Angle	33°			
Fixture Power	23W	5	5,25	10,5W
Mounting Hole	180mm	4	0,80	900
Fixture Size	123mm	4	0,80	400
Efficiency	80lm/W	4	0,75	1000
180mm	180mm	4	0,80	100

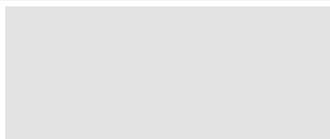
Driver	Colour	3000K	4000K
EL.	○	<b>1T7363EL</b>	<b>1T7364EL</b>
EL.	●	<b>1T7365EL</b>	<b>1T7366EL</b>
EL.	◐	<b>1T7367EL</b>	<b>1T7368EL</b>
DALI	○	<b>1T7363DA</b>	<b>1T7364DA</b>
DALI	●	<b>1T7365DA</b>	<b>1T7366DA</b>
DALI	◐	<b>1T7367DA</b>	<b>1T7368DA</b>

### Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## Related codes

### End Caps

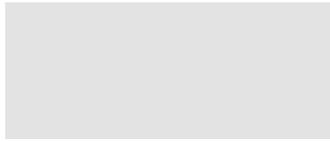


Colour	Code
○	<b>1T5937</b>
●	<b>1T5938</b>
◐	<b>1T5939</b>

End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

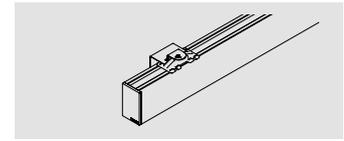
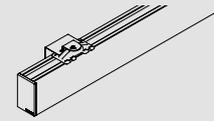
# LOGICO

## Mounting System



Colour	Code
	<b>1T5912</b>
	<b>1T5913</b>
	<b>1T5914</b>

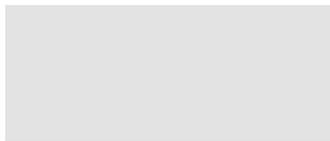
Ceiling installation: polycarbonate bracket.  
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.



Colour	Code
	<b>1T6919</b>
	<b>1T6920</b>
	<b>1T6921</b>

Wall installation: painted metal bracket.  
To be ordered in the following quantities for every fixture length: 1 for the 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm version.

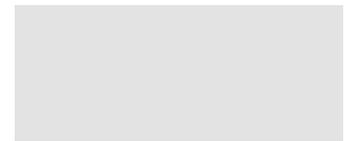
## Suspension



L	Colour	Code
2000		<b>1T5899</b>
2000		<b>1T5900</b>
2000		<b>1T5901</b>
4000		<b>1T5902</b>
4000		<b>1T5903</b>
4000		<b>1T5904</b>

Suspension cable.  
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.  
Suspension cable compatible with ceiling or wall installations, even inclined.

## Power Supply Kit

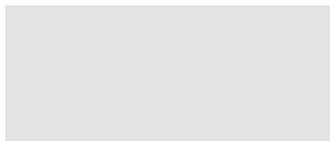


L	Driver	Colour	Code
4000	EL.		<b>1T5905EL</b>
4000	EL.		<b>1T5906EL</b>
4000	EL.		<b>1T5907EL</b>
4000	DALI		<b>1T5905DA</b>
4000	DALI		<b>1T5906DA</b>
4000	DALI		<b>1T5907DA</b>

Suspension installation kit: power cable complete with a painted polycarbonate rosette.  
Max 0.6kW.

## Accessories

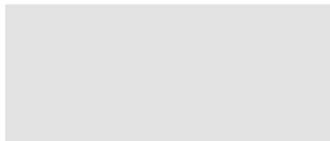
### Electrical Connector



Code
<b>1T5911</b>

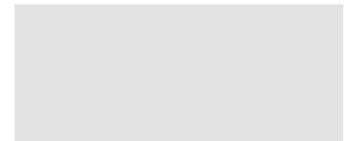
Linear electrical connector.

### Control systems



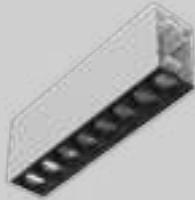
Code
<b>1T5349</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

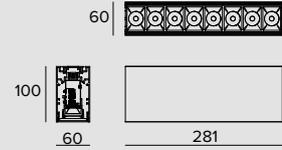


Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Trimless Recessed spot module L. 281mm



### LED / 11,5W / LENSES / SP



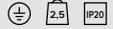
Driver	Colour	3000K	4000K
EL.	○	<b>1T7345EL</b>	<b>1T7346EL</b>
EL.	●	<b>1T7347EL</b>	<b>1T7348EL</b>
DALI	○	<b>1T7345DA</b>	<b>1T7346DA</b>
DALI	●	<b>1T7347DA</b>	<b>1T7348DA</b>



## System Trimless Recessed spot module L. 562mm



### LED / 23W / LENSES / SP



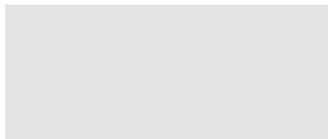
Driver	Colour	3000K	4000K
EL.	○	<b>1T7359EL</b>	<b>1T7360EL</b>
EL.	●	<b>1T7361EL</b>	<b>1T7362EL</b>
DALI	○	<b>1T7359DA</b>	<b>1T7360DA</b>
DALI	●	<b>1T7361DA</b>	<b>1T7362DA</b>

### Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## Related codes

### End Caps

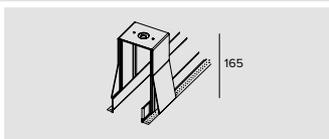


Colour	Code
○	<b>1T5937</b>
●	<b>1T5938</b>

End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

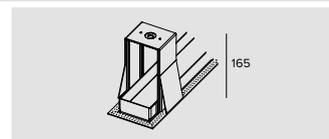
# LOGICO

## Insertion Box



Kg	Cutout hole	L	Code
1.25	80x281	281	<b>1T7369</b>
1.8	80x562	562	<b>1T6051</b>

Outer casing for trimless installation.

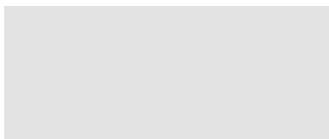


Kg	Cutout hole	L	Code
1.3	80x291	306	<b>1T7370</b>
1.9	80x572	587	<b>1T6052</b>

Terminal outer casing for trimless installation.

## Accessories

### Electrical Connector

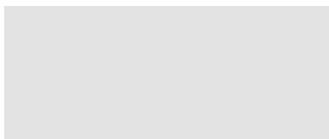


Code

**1T5911**

Linear electrical connector.

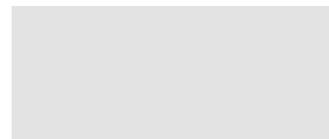
### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



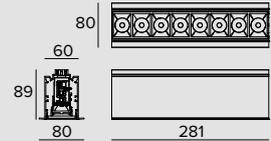
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## System Recessed with flange spot module L. 281mm



### LED / 11,5W / LENSES / SP



	3000K	4000K	5000K	6000K
Beam Angle	33°			
Fixture Power	11.5W	0	0.30	10.10
Mounting Hole	180mm	4	0.80	96.0°
Fixture Size	118mm	4	0.80	20.0°
Efficiency	80lm/W	4	0.75	12.0
Beam Angle	180mm	4	0.80	1.0

Driver	Colour	3000K	4000K
EL.	○	<b>1T7341EL</b>	<b>1T7342EL</b>
DALI	○	<b>1T7341DA</b>	<b>1T7342DA</b>



## System Recessed with flange spot module L. 562mm



### LED / 23W / LENSES / SP



	3000K	4000K	5000K	6000K
Beam Angle	33°			
Fixture Power	23W	0	0.30	20.10
Mounting Hole	180mm	4	0.80	96.0°
Fixture Size	123mm	4	0.80	4.0°
Efficiency	80lm/W	4	0.75	12.0
Beam Angle	180mm	4	0.80	1.0

Driver	Colour	3000K	4000K
EL.	○	<b>1T7355EL</b>	<b>1T7356EL</b>
DALI	○	<b>1T7355DA</b>	<b>1T7356DA</b>

## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## Related codes

### End Caps



Code

**1T5908**

End caps for the recessed version with a flange.  
White.

2X

# LOGICO

## Accessories

### Electrical Connector



Code

**1T5911**

Linear electrical connector.

### Control systems



Code

**1T5349**

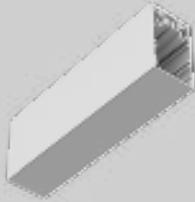
Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



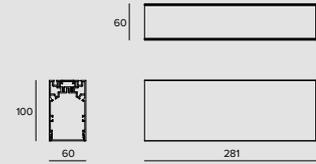
Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



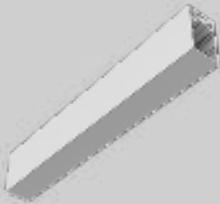
**System Ceiling/  
Suspension - blind  
module L. 281mm**



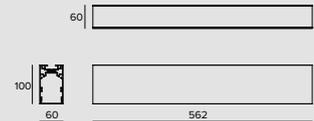
LINEAR



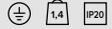
Colour	Code
○	<b>1T7385</b>
●	<b>1T7390</b>
◐	<b>1T7395</b>



**System Ceiling/  
Suspension - blind  
module L. 562mm**



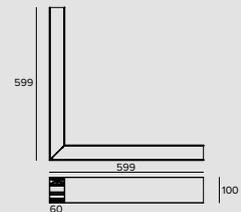
LINEAR



Colour	Code
○	<b>1T7386</b>
●	<b>1T7391</b>
◐	<b>1T7396</b>



**System Ceiling/  
Suspension - blind  
module L connector**

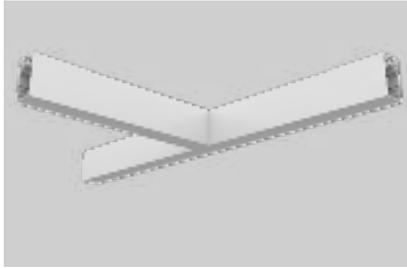


L CONNECTOR

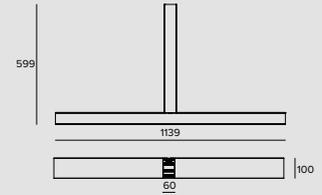


Colour	Code
○	<b>1T7387</b>
●	<b>1T7392</b>
◐	<b>1T7397</b>

# LOGICO



## System Ceiling/ Suspension - blind module T connector

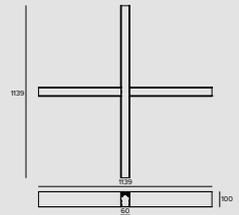


### T CONNECTOR ⊕ 3,6 IP20

Colour	Code
○	<b>1T7388</b>
●	<b>1T7393</b>
◐	<b>1T7398</b>



## System Ceiling/ Suspension - blind module X connector

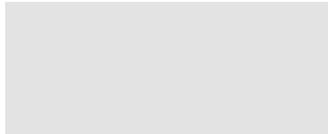


### X CONNECTOR ⊕ 4,7 IP20

Colour	Code
○	<b>1T7389</b>
●	<b>1T7394</b>
◐	<b>1T7399</b>

## Related codes

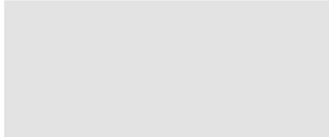
### End Caps



Colour	Code
○	<b>1T5937</b>
●	<b>1T5938</b>
◐	<b>1T5939</b>

End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

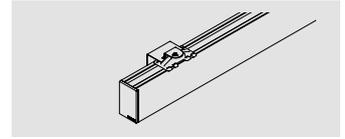
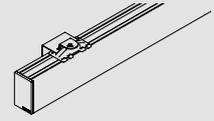
## Mounting System



Colour	Code
	<b>1T5912</b>
	<b>1T5913</b>
	<b>1T5914</b>

Ceiling installation: polycarbonate bracket.

To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.

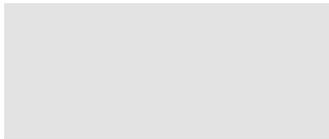


Colour	Code
	<b>1T6919</b>
	<b>1T6920</b>
	<b>1T6921</b>

Wall installation: painted metal bracket.

To be ordered in the following quantities for every fixture length: 1 for the 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm version.

## Suspension



L	Colour	Code
2000		<b>1T5899</b>
2000		<b>1T5900</b>
2000		<b>1T5901</b>
4000		<b>1T5902</b>
4000		<b>1T5903</b>
4000		<b>1T5904</b>

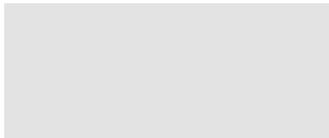
Suspension cable.

To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.

Suspension cable compatible with ceiling or wall installations, even inclined.

## Accessories

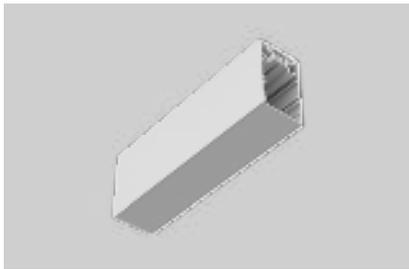
### Electrical Connector



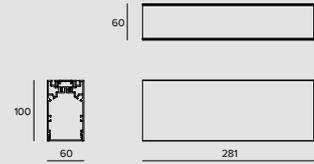
Code
<b>1T5911</b>

Linear electrical connector.

# LOGICO



## System Trimless Recessed - blind module L. 281mm

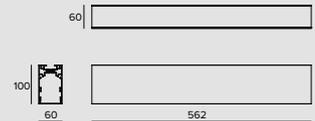


LINEAR ⊕ 0,7 IP20

Colour	Code
○	1T7381
●	1T7383



## System Trimless Recessed - blind module L. 562mm

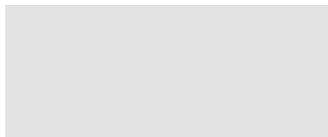


LINEAR ⊕ 1,4 IP20

Colour	Code
○	1T7382
●	1T7384

## Related codes

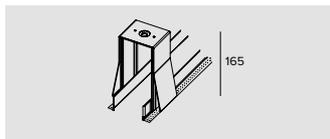
End Caps



Colour	Code
○	1T5937
●	1T5938

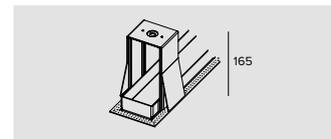
End caps for Ceiling Mounted, Suspension and Trimless versions.  
2X

## Insertion Box



Kg	Cutout hole	L	Code
1.25	80x281	281	<b>1T7369</b>
1.8	80x562	562	<b>1T6051</b>

Outer casing for trimless installation.

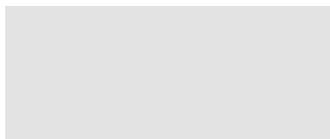


Kg	Cutout hole	L	Code
1.3	80x291	306	<b>1T7370</b>
1.9	80x572	587	<b>1T6052</b>

Terminal outer casing for trimless installation.

## Accessories

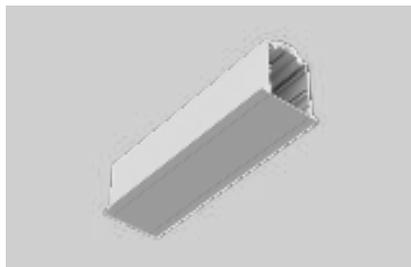
### Electrical Connector



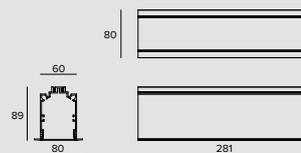
Code
<b>1T5911</b>

Linear electrical connector.

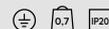
# LOGICO



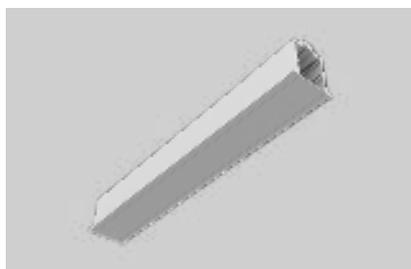
**System Recessed with flange - blind module L. 281mm**



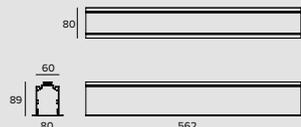
LINEAR



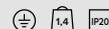
Colour	Code
○	<b>1T7371</b>



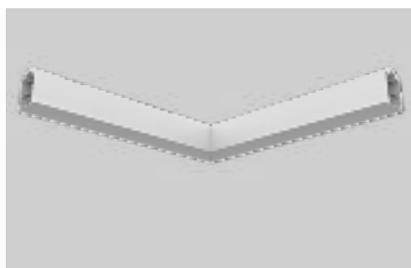
**System Recessed with flange - blind module L. 562mm**



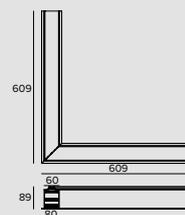
LINEAR



Colour	Code
○	<b>1T7372</b>



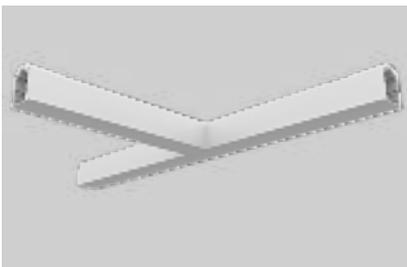
**System Recessed with flange - blind module L connector**



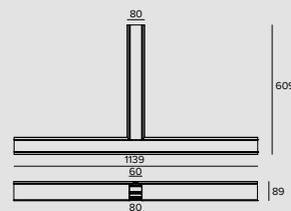
L CONNECTOR



Colour	Code
○	<b>1T7373</b>



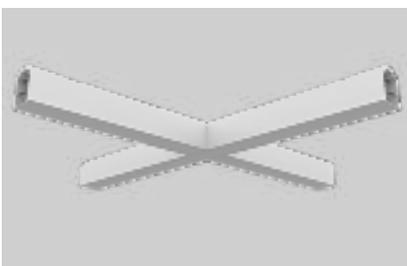
## System Recessed with flange - blind module T connector



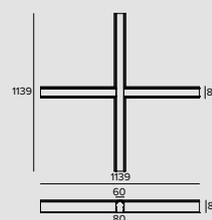
### T CONNECTOR



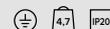
Colour	Code
○	1T7374



## System Recessed with flange - blind module X connector



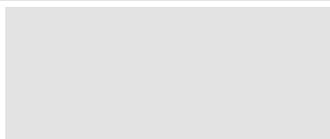
### X CONNECTOR



Colour	Code
○	1T7375

## Related codes

### End Caps



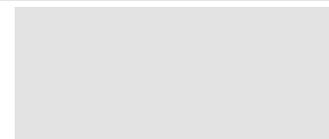
Code

1T5908

End caps for the recessed version with a flange.  
White.  
2X

## Accessories

### Electrical Connector



Code

1T5911

Linear electrical connector.

Indoor

**Ceiling and  
Suspensions luminaires**

# Linear Ceiling and Suspensions luminaires



**436**  
ISO



**442**  
OMEGA



**448**  
LOGICO  
Stand alone



**456**  
CARTESIO



**460**  
DIVA



**464**  
SLIM



**468**  
MINIMINIMA

# Ceiling and Suspensions luminaires



**470**  
OZ  
Stand alone



**476**  
THREESIXTY



**488**  
PANTHEON



**494**  
CCTLED  
Pendant



**496**  
CCTLED  
Tube



**506**  
BEBOP



**508**  
GLOBO



**510**  
WASABI



**512**  
DECANter



**514**  
MONETA

# ISO

## GENERAL INFO

Stand-alone linear LED fixture for suspension installation.

2144x70x73mm

## LED

LED Engine made of linear boards

From 2137 to 4845lm

2700K – 3000K – 3500K – 4000K

Ra90

## PRODUCT EFFICACY

Up to 120lm/W

## OPTICS

Diffused light with an opal screen - Highly reflective brushed aluminium reflector and an opaline polycarbonate screen.

Controlled light UGR<19 (EN-12464) - Optical system composed of a highly reflective brushed aluminium reflector and a transparent polycarbonate screen coupled with a micro prismatic plate and a spreader lens.

## POWER SUPPLY

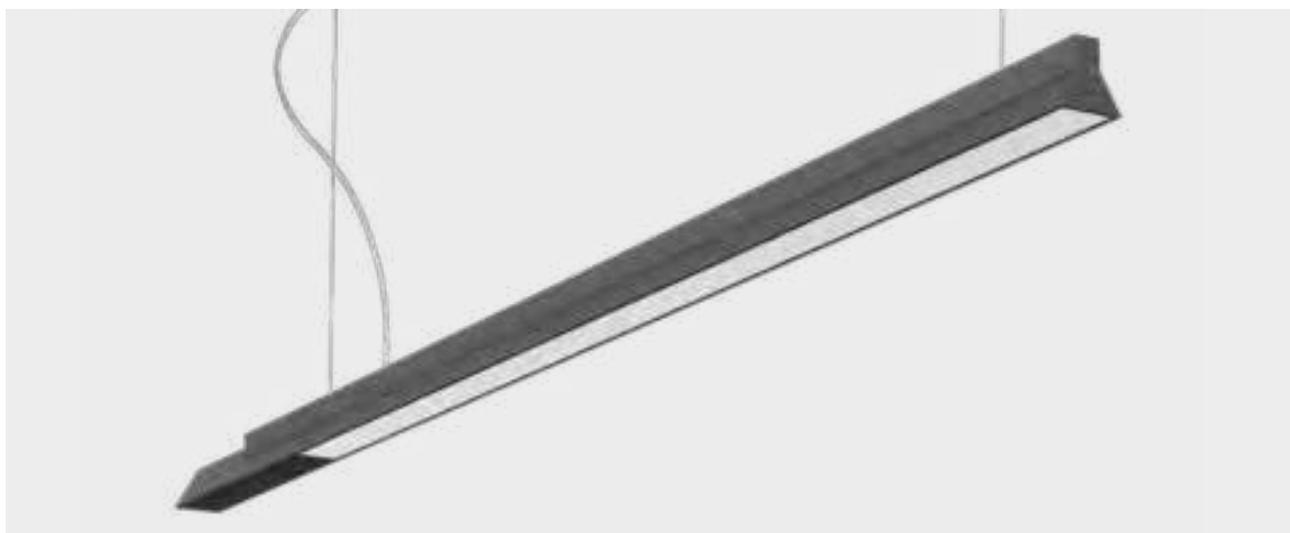
Electronic – DALI

## MATERIAL

Painted extruded aluminium body and a painted aluminium optical unit and terminal. Opaline polycarbonate or UGR screen.

New suspension fixture for office and hospitality environments designed in close collaboration with the American firm Gensler.

Available with direct or direct/indirect emission with two different effects: diffused light and controlled light UGR<19.





The two different optical systems it can use – OPAL and UGR – make it suitable for installation in OFFICE applications which are increasingly becoming open spaces, and in Hospitality projects which require not only visual comfort, but also attention to design and detail.

01  
ISO



## Design

The union between two pure forms, the co-penetration of two solids, has led to the creation of a unit that is both recognisable yet discrete, and which sits particularly well in contemporary environments, where the design of lighting plays an active role in the overall effect of each space.



## UGR<19 optic

The UGR version is focused entirely on visual comfort. The colour rendering index of CRI 90 and the perfect UGR screening allows for a pleasant and measured light.

The sophisticated optical system, comprised of a mirrored reflector and a particular prismatic screen, reduces the shadows and reflections that can cause disturbance on work surfaces, allowing for an unrestricted distribution of desks without having to bear in mind the position of the lighting units.

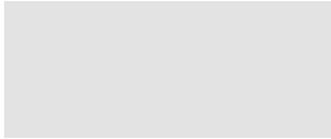
## Opal optic

The diffused effect of ISO OPAL is the result of a mirrored reflector with an opal screen. The light emitted appears soft and widespread, particularly suitable for reception areas in offices, hotels and spaces. In the direct/indirect light version, a line of light is present on the upper part, complete with diffusing screen to provide even light on the ceiling.



# Accessories

## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# OMEGA

## GENERAL INFO

Stand-alone linear LED fixture for surface or suspension installations.

2112x50x80mm

792x50x80mm

472x50x80mm

## LED

LED Engine made of linear boards

From 586 to 2432lm

2700K – 3000K – 3500K – 4000K

Ra90

## PRODUCT EFFICACY

Up to 120lm/W

## OPTICS

Direct emission WFL

## POWER SUPPLY

Electronic – DALI

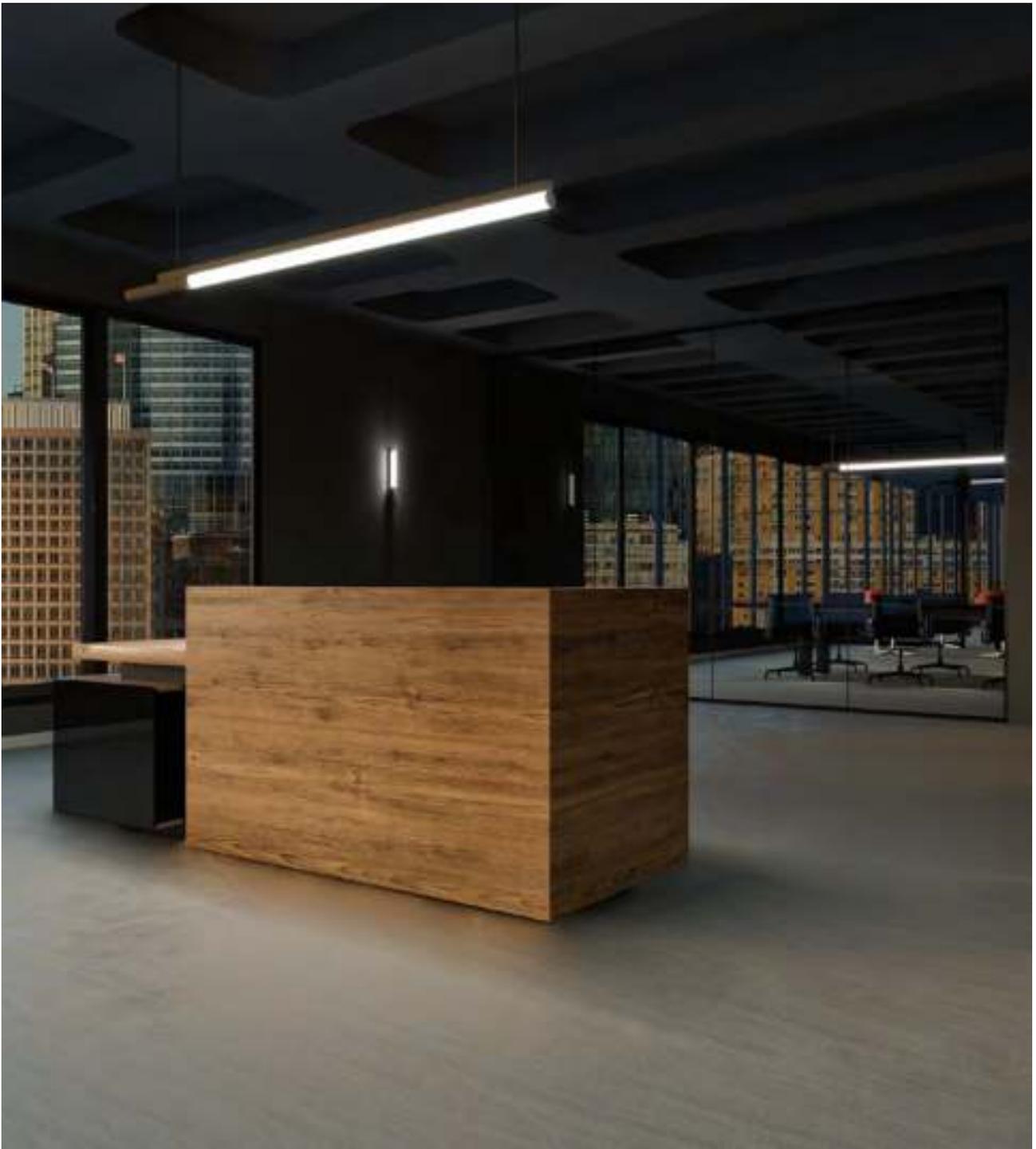
## MATERIAL

Anodized and painted extruded aluminium body.

Injection-moulded opal polycarbonate screen.

A new range of units made in close collaboration with the American firm Gensler, available in a range of sizes and forms of application for the coordinated lighting of spaces for hospitality and for common areas. Available in ceiling-mounted, suspension and wall-mounted versions.





## Suspension versions

The suspension versions are 2114 mm in length with a single direct point of emission, supplied complete with suspension kit.

01  
OMEGA



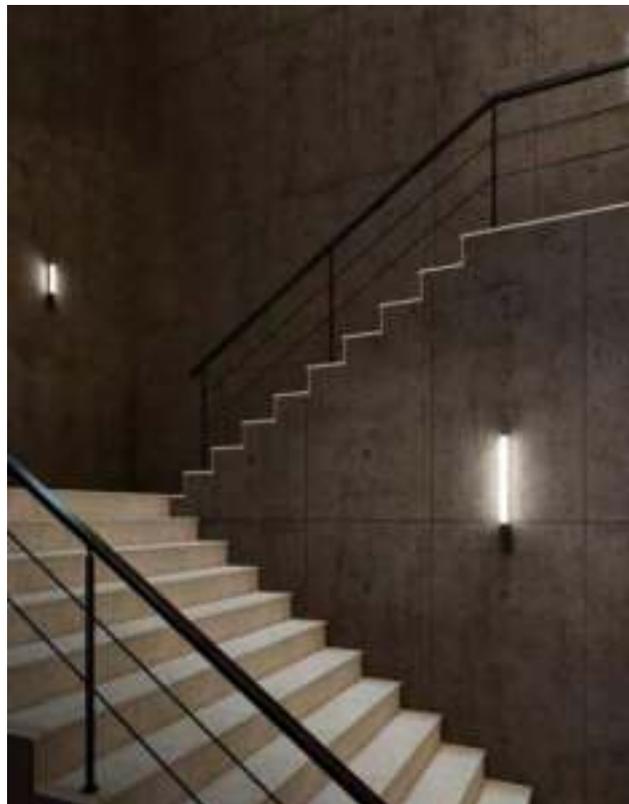
## Design

A new 270° light emission that takes advantage of forms and the co-penetration of solids. An opal cylinder slots into a solid parallelepiped, providing a soft light that illuminates the space in all dimensions.

02



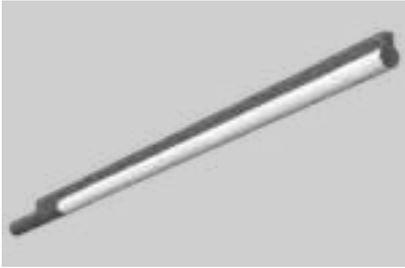
03



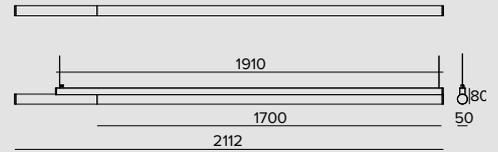
## Wall-mounted version

The wall-mounted versions are available in two lengths (470 mm and 790 mm) and can be installed either horizontally or vertically. They are ideal for the lighting of common areas and stair wells, coordinated with the general lighting provided by the longer versions.

# OMEGA



**Suspension  
L. 2112mm**



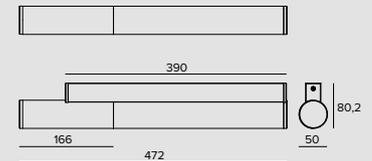
**LED / 24W / DOWN OPAL** ± 2.4 IP20

3000K	Ra(%)		CCT(°K)		CCT(mKmax@Δ)	
	2700	3000	2700	3000	2700	3000
Fixture Power	27W	3	0.25	14.51	5.23	
Mounting Power	4000W	3	0.98	20.88	11.2	
Fixture Size	1211mm	4	1.21	41.99	10	
Efficiency	88lm/W	4	0.80	37.21	10	
100lm/W	max=110lm/W	100lm/W	1.26	43.26	11.67	11

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T7267EL</b>	<b>1T7268EL</b>	<b>1T7275EL</b>	<b>1T7276EL</b>
DALI	●	<b>1T7267DA</b>	<b>1T7268DA</b>	<b>1T7275DA</b>	<b>1T7276DA</b>



**Applique  
L. 472mm**



**LED / 7,8W / DOWN OPAL** ± 0.7 IP20

3000K	Ra(%)		CCT(°K)		CCT(mKmax@Δ)	
	2700	3000	2700	3000	2700	3000
Fixture Power	7.8W	3	0.24	13.57	4.13	
Mounting Power	1000W	3	0.91	27.11	10	
Fixture Size	1211mm	4	1.21	40.71	11	
Efficiency	88lm/W	4	0.74	34.37	9	
100lm/W	max=110lm/W	100lm/W	1.23	47.81	11	

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T7277EL</b>	<b>1T7278EL</b>	<b>1T7279EL</b>	<b>1T7280EL</b>
DALI	●	<b>1T7277DA</b>	<b>1T7278DA</b>	<b>1T7279DA</b>	<b>1T7280DA</b>



**Applique  
L. 792mm**



**LED / 16W / DOWN OPAL** ± 0.9 IP20

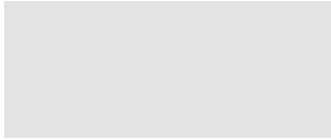
3000K	Ra(%)		CCT(°K)		CCT(mKmax@Δ)	
	2700	3000	2700	3000	2700	3000
Fixture Power	16W	3	0.24	13.57	4.13	
Mounting Power	1000W	3	0.91	27.11	10	
Fixture Size	1211mm	4	1.21	40.71	10	
Efficiency	87lm/W	4	0.74	34.37	10	
100lm/W	max=110lm/W	100lm/W	1.23	47.81	11	

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1T7343EL</b>	<b>1T7344EL</b>	<b>1T7357EL</b>	<b>1T7358EL</b>
DALI	●	<b>1T7343DA</b>	<b>1T7344DA</b>	<b>1T7357DA</b>	<b>1T7358DA</b>

Note: Kit of Suspension is included.

# Accessories

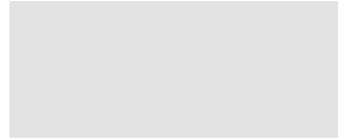
## Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# LOGICO

## Stand Alone Ceiling and Suspension luminaire

### GENERAL INFO

Modules of variable lengths for ceiling, suspension, recessed and semi-recessed installations.

Lengths: 1135mm – 1695mm – 3377mm

### LED

Linear Board LED engine

From 2520lm to 28960lm

3000K – 4000K

Ra84

Ra90 To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 109lm/W

### OPTICS

OPAL – UGR – WW

### POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

Emergency version available on request.

### MATERIAL

Powder coated, extruded, calendered aluminium.

A versatile fixture available in three different lengths, each with Low- Power and High-Power lumen and different finishes and installation types.

It can be ceiling, wall or suspension installation if equipped with special accessories; is it is available with direct or direct/indirect diffused light, UGR<19 controlled light ideal for lighting workplaces or wall-washer for lighting large vertical surfaces. There are also versions available for recessed installation. In addition there are custom made solutions that are available on request: modules with custom made lengths, emergency modules and Tunable technology.





## Zonamerica

**Architect**  
Estudio Dovat  
Arquitectos

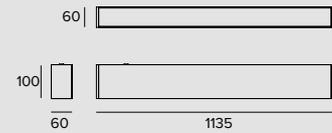
**Lighting Design**  
Estudio Hofstadter

**Photographer**  
Ferrés - Cánepa

**Country**  
Montevideo,  
Uruguay



## Stand Alone Ceiling/ Suspension L. 1135mm

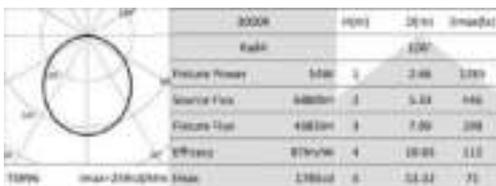


### LED / 24W / DOWN OPAL ± 4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5491EL</b>	<b>1T5492EL</b>
EL.	●	<b>1T5495EL</b>	<b>1T5496EL</b>
EL.	◐	<b>1T5493EL</b>	<b>1T5494EL</b>
DALI	○	<b>1T5491DA</b>	<b>1T5492DA</b>
DALI	●	<b>1T5495DA</b>	<b>1T5496DA</b>
DALI	◐	<b>1T5493DA</b>	<b>1T5494DA</b>

### LED / 48W / DOWN OPAL ± 4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5497EL</b>	<b>1T5498EL</b>
EL.	●	<b>1T5501EL</b>	<b>1T5502EL</b>
EL.	◐	<b>1T5499EL</b>	<b>1T5500EL</b>
DALI	○	<b>1T5497DA</b>	<b>1T5498DA</b>
DALI	●	<b>1T5501DA</b>	<b>1T5502DA</b>
DALI	◐	<b>1T5499DA</b>	<b>1T5500DA</b>

### LED / 16W / DOWN UGR ± 4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5515EL</b>	<b>1T5516EL</b>
EL.	●	<b>1T5519EL</b>	<b>1T5520EL</b>
EL.	◐	<b>1T5517EL</b>	<b>1T5518EL</b>
DALI	○	<b>1T5515DA</b>	<b>1T5516DA</b>
DALI	●	<b>1T5519DA</b>	<b>1T5520DA</b>
DALI	◐	<b>1T5517DA</b>	<b>1T5518DA</b>

### LED / 24W / DOWN WW ± 4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5527EL</b>	<b>1T5528EL</b>
EL.	●	<b>1T5531EL</b>	<b>1T5532EL</b>
EL.	◐	<b>1T5529EL</b>	<b>1T5530EL</b>
DALI	○	<b>1T5527DA</b>	<b>1T5528DA</b>
DALI	●	<b>1T5531DA</b>	<b>1T5532DA</b>
DALI	◐	<b>1T5529DA</b>	<b>1T5530DA</b>

### LED / 48W / DOWN WW ± 4 IP20



Driver	Colour	3000K	4000K
EL.	○	<b>1T5533EL</b>	<b>1T5534EL</b>
EL.	●	<b>1T5537EL</b>	<b>1T5538EL</b>
EL.	◐	<b>1T5535EL</b>	<b>1T5536EL</b>
DALI	○	<b>1T5533DA</b>	<b>1T5534DA</b>
DALI	●	<b>1T5537DA</b>	<b>1T5538DA</b>
DALI	◐	<b>1T5535DA</b>	<b>1T5536DA</b>

**LED / 42W / UP-DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)	
Beam			100°		
Fixture Power	47W	3	2.46	301	
Mounting Pole	4000mm	3	5.33	228	
Fixture Size	412mm	3	7.90	393	
Efficiency	89lm/W	4	10.01	36	
TM94	max=248.04% Min	900cd	0	51.31	86

Driver	Colour	3000K	4000K
EL.	○	<b>1T5503EL</b>	<b>1T5504EL</b>
EL.	●	<b>1T5507EL</b>	<b>1T5508EL</b>
EL.	◐	<b>1T5505EL</b>	<b>1T5506EL</b>
DALI	○	<b>1T5503DA</b>	<b>1T5504DA</b>
DALI	●	<b>1T5507DA</b>	<b>1T5508DA</b>
DALI	◐	<b>1T5505DA</b>	<b>1T5506DA</b>

**LED / 66W / UP-DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)	
Beam			100°		
Fixture Power	75W	3	2.46	330	
Mounting Pole	4000mm	3	5.33	446	
Fixture Size	4912mm	3	7.90	393	
Efficiency	87lm/W	4	10.01	113	
TM94	max=248.04% Min	1780cd	0	51.31	71

Driver	Colour	3000K	4000K
EL.	○	<b>1T5509EL</b>	<b>1T5510EL</b>
EL.	●	<b>1T5513EL</b>	<b>1T5514EL</b>
EL.	◐	<b>1T5511EL</b>	<b>1T5512EL</b>
DALI	○	<b>1T5509DA</b>	<b>1T5510DA</b>
DALI	●	<b>1T5513DA</b>	<b>1T5514DA</b>
DALI	◐	<b>1T5511DA</b>	<b>1T5512DA</b>

**LED / 28W / UP-DOWN UGR**

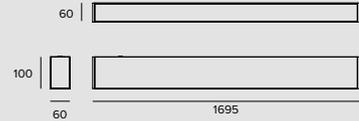


	3000K	H(m)	2θ(°)	Area(m²)	
Beam			75°		
Fixture Power	37W	3	3.51	1113	
Mounting Pole	4000mm	3	6.02	278	
Fixture Size	1812mm	3	4.52	124	
Efficiency	81lm/W	4	6.01	70	
TM94	max=203.04% Min	1113cd	0	7.59	85

Driver	Colour	3000K	4000K
EL.	○	<b>1T5521EL</b>	<b>1T5522EL</b>
EL.	●	<b>1T5525EL</b>	<b>1T5526EL</b>
EL.	◐	<b>1T5523EL</b>	<b>1T5524EL</b>
DALI	○	<b>1T5521DA</b>	<b>1T5522DA</b>
DALI	●	<b>1T5525DA</b>	<b>1T5526DA</b>
DALI	◐	<b>1T5523DA</b>	<b>1T5524DA</b>



**Stand Alone Ceiling/  
Suspension L. 1695mm**



**LED / 36W / DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)	
Beam			100°		
Fixture Power	40W	3	2.46	334	
Mounting Pole	3200mm	3	5.33	338	
Fixture Size	320mm	3	7.90	393	
Efficiency	89lm/W	4	10.01	85	
TM94	max=248.04% Min	1391cd	0	51.31	91

Driver	Colour	3000K	4000K
EL.	○	<b>1T5539EL</b>	<b>1T5540EL</b>
EL.	●	<b>1T5543EL</b>	<b>1T5544EL</b>
EL.	◐	<b>1T5541EL</b>	<b>1T5542EL</b>
DALI	○	<b>1T5539DA</b>	<b>1T5540DA</b>
DALI	●	<b>1T5543DA</b>	<b>1T5544DA</b>
DALI	◐	<b>1T5541DA</b>	<b>1T5542DA</b>

**LED / 72W / DOWN OPAL**



	3000K	H(m)	2θ(°)	Area(m²)	
Beam			100°		
Fixture Power	81W	3	2.46	367	
Mounting Pole	3000mm	3	5.33	468	
Fixture Size	320mm	3	7.90	393	
Efficiency	81lm/W	4	10.01	107	
TM94	max=248.04% Min	367cd	0	51.31	107

Driver	Colour	3000K	4000K
EL.	○	<b>1T5545EL</b>	<b>1T5546EL</b>
EL.	●	<b>1T5549EL</b>	<b>1T5550EL</b>
EL.	◐	<b>1T5547EL</b>	<b>1T5548EL</b>
DALI	○	<b>1T5545DA</b>	<b>1T5546DA</b>
DALI	●	<b>1T5549DA</b>	<b>1T5550DA</b>
DALI	◐	<b>1T5547DA</b>	<b>1T5548DA</b>

# LOGICO

## LED / 24W / DOWN UGR



3000K	4000K	3000K	4000K
Beam			
Fixture Power	27W	3	5.51
Mounting Height	1700mm	3	4.02
Fixture Size	1917mm	3	4.52
Efficiency	81lm/W	4	6.01
Beam	1800mm	3	7.54

Driver	Colour	3000K	4000K
EL.	○	<b>1T5563EL</b>	<b>1T5564EL</b>
EL.	●	<b>1T5567EL</b>	<b>1T5568EL</b>
EL.	◐	<b>1T5565EL</b>	<b>1T5566EL</b>
DALI	○	<b>1T5563DA</b>	<b>1T5564DA</b>
DALI	●	<b>1T5567DA</b>	<b>1T5568DA</b>
DALI	◐	<b>1T5565DA</b>	<b>1T5566DA</b>

## LED / 36W / DOWN WW



3000K	4000K	3000K	4000K
Beam			
Fixture Power	40W	3	2.28
Mounting Height	1220mm	3	4.58
Fixture Size	1120mm	3	4.84
Efficiency	102lm/W	4	6.01
Beam	1220mm	3	11.82

Driver	Colour	3000K	4000K
EL.	○	<b>1T5575EL</b>	<b>1T5576EL</b>
EL.	●	<b>1T5579EL</b>	<b>1T5580EL</b>
EL.	◐	<b>1T5577EL</b>	<b>1T5578EL</b>
DALI	○	<b>1T5575DA</b>	<b>1T5576DA</b>
DALI	●	<b>1T5579DA</b>	<b>1T5580DA</b>
DALI	◐	<b>1T5577DA</b>	<b>1T5578DA</b>

## LED / 72W / DOWN WW



3000K	4000K	3000K	4000K
Beam			
Fixture Power	81W	3	2.28
Mounting Height	1220mm	3	4.58
Fixture Size	1120mm	3	4.84
Efficiency	102lm/W	4	6.01
Beam	1220mm	3	11.82

Driver	Colour	3000K	4000K
EL.	○	<b>1T5581EL</b>	<b>1T5582EL</b>
EL.	●	<b>1T5585EL</b>	<b>1T5586EL</b>
EL.	◐	<b>1T5583EL</b>	<b>1T5584EL</b>
DALI	○	<b>1T5581DA</b>	<b>1T5582DA</b>
DALI	●	<b>1T5585DA</b>	<b>1T5586DA</b>
DALI	◐	<b>1T5583DA</b>	<b>1T5584DA</b>

## LED / 60W / UP-DOWN OPAL



3000K	4000K	3000K	4000K
Beam			
Fixture Power	60W	3	2.48
Mounting Height	1700mm	3	5.51
Fixture Size	1800mm	3	7.54
Efficiency	81lm/W	4	10.01
Beam	1800mm	3	11.82

Driver	Colour	3000K	4000K
EL.	○	<b>1T5551EL</b>	<b>1T5552EL</b>
EL.	●	<b>1T5555EL</b>	<b>1T5556EL</b>
EL.	◐	<b>1T5553EL</b>	<b>1T5554EL</b>
DALI	○	<b>1T5551DA</b>	<b>1T5552DA</b>
DALI	●	<b>1T5555DA</b>	<b>1T5556DA</b>
DALI	◐	<b>1T5553DA</b>	<b>1T5554DA</b>

## LED / 96W / UP-DOWN OPAL



3000K	4000K	3000K	4000K
Beam			
Fixture Power	107W	3	2.48
Mounting Height	1700mm	3	5.51
Fixture Size	1800mm	3	7.54
Efficiency	81lm/W	4	10.01
Beam	1800mm	3	11.82

Driver	Colour	3000K	4000K
EL.	○	<b>1T5557EL</b>	<b>1T5558EL</b>
EL.	●	<b>1T5561EL</b>	<b>1T5562EL</b>
EL.	◐	<b>1T5559EL</b>	<b>1T5560EL</b>
DALI	○	<b>1T5557DA</b>	<b>1T5558DA</b>
DALI	●	<b>1T5561DA</b>	<b>1T5562DA</b>
DALI	◐	<b>1T5559DA</b>	<b>1T5560DA</b>

## LED / 40W / UP-DOWN UGR

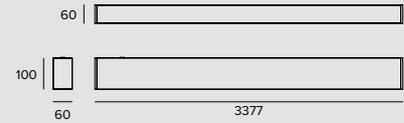


3000K	4000K	3000K	4000K
Beam			
Fixture Power	40W	3	5.51
Mounting Height	1700mm	3	4.02
Fixture Size	1917mm	3	4.52
Efficiency	81lm/W	4	6.01
Beam	1800mm	3	7.54

Driver	Colour	3000K	4000K
EL.	○	<b>1T5569EL</b>	<b>1T5570EL</b>
EL.	●	<b>1T5573EL</b>	<b>1T5574EL</b>
EL.	◐	<b>1T5571EL</b>	<b>1T5572EL</b>
DALI	○	<b>1T5569DA</b>	<b>1T5570DA</b>
DALI	●	<b>1T5573DA</b>	<b>1T5574DA</b>
DALI	◐	<b>1T5571DA</b>	<b>1T5572DA</b>



## Stand Alone Ceiling/Suspension L. 3377mm



### LED / 72W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5587EL</b>	<b>1T5588EL</b>
EL.	●	<b>1T5591EL</b>	<b>1T5592EL</b>
EL.	◐	<b>1T5589EL</b>	<b>1T5590EL</b>
DALI	○	<b>1T5587DA</b>	<b>1T5588DA</b>
DALI	●	<b>1T5591DA</b>	<b>1T5592DA</b>
DALI	◐	<b>1T5589DA</b>	<b>1T5590DA</b>

### LED / 144W / DOWN OPAL



Driver	Colour	3000K	4000K
EL.	○	<b>1T5593EL</b>	<b>1T5594EL</b>
EL.	●	<b>1T5597EL</b>	<b>1T5598EL</b>
EL.	◐	<b>1T5595EL</b>	<b>1T5596EL</b>
DALI	○	<b>1T5593DA</b>	<b>1T5594DA</b>
DALI	●	<b>1T5597DA</b>	<b>1T5598DA</b>
DALI	◐	<b>1T5595DA</b>	<b>1T5596DA</b>

### LED / 48W / DOWN UGR



Driver	Colour	3000K	4000K
EL.	○	<b>1T5611EL</b>	<b>1T5612EL</b>
EL.	●	<b>1T5615EL</b>	<b>1T5616EL</b>
EL.	◐	<b>1T5613EL</b>	<b>1T5614EL</b>
DALI	○	<b>1T5611DA</b>	<b>1T5612DA</b>
DALI	●	<b>1T5615DA</b>	<b>1T5616DA</b>
DALI	◐	<b>1T5613DA</b>	<b>1T5614DA</b>

### LED / 72W / DOWN WW



Driver	Colour	3000K	4000K
EL.	○	<b>1T5623EL</b>	<b>1T5624EL</b>
EL.	●	<b>1T5627EL</b>	<b>1T5628EL</b>
EL.	◐	<b>1T5625EL</b>	<b>1T5626EL</b>
DALI	○	<b>1T5623DA</b>	<b>1T5624DA</b>
DALI	●	<b>1T5627DA</b>	<b>1T5628DA</b>
DALI	◐	<b>1T5625DA</b>	<b>1T5626DA</b>

### LED / 144W / DOWN WW

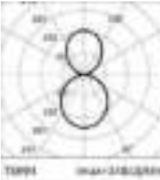


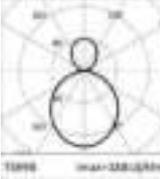
Driver	Colour	3000K	4000K
EL.	○	<b>1T5629EL</b>	<b>1T5630EL</b>
EL.	●	<b>1T5633EL</b>	<b>1T5634EL</b>
EL.	◐	<b>1T5631EL</b>	<b>1T5632EL</b>
DALI	○	<b>1T5629DA</b>	<b>1T5630DA</b>
DALI	●	<b>1T5633DA</b>	<b>1T5634DA</b>
DALI	◐	<b>1T5631DA</b>	<b>1T5632DA</b>

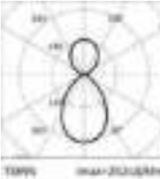
## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

# LOGICO

LED / 120W / UP-DOWN OPAL					  															
 <table border="1"> <tr><td>3000K</td><td>4000K</td></tr> <tr><td>Beam</td><td>100°</td></tr> <tr><td>Fixture Power</td><td>120W</td></tr> <tr><td>Mounting Hole</td><td>2180mm</td></tr> <tr><td>Fixture Size</td><td>1180mm</td></tr> <tr><td>Efficiency</td><td>87lm/W</td></tr> <tr><td>Max</td><td>2979lm</td></tr> </table>	3000K	4000K	Beam	100°	Fixture Power	120W	Mounting Hole	2180mm	Fixture Size	1180mm	Efficiency	87lm/W	Max	2979lm	Driver	Colour	3000K	4000K		
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	Mounting Hole	2180mm																		
	Fixture Size	1180mm																		
Efficiency	87lm/W																			
Max	2979lm																			
EL.	○	<b>1T5599EL</b>	<b>1T5600EL</b>																	
EL.	●	<b>1T5603EL</b>	<b>1T5604EL</b>																	
EL.	◐	<b>1T5601EL</b>	<b>1T5602EL</b>																	
DALI	○	<b>1T5599DA</b>	<b>1T5600DA</b>																	
DALI	●	<b>1T5603DA</b>	<b>1T5604DA</b>																	
DALI	◐	<b>1T5601DA</b>	<b>1T5602DA</b>																	

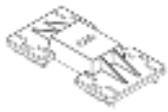
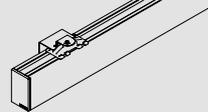
LED / 192W / UP-DOWN OPAL					  															
 <table border="1"> <tr><td>3000K</td><td>4000K</td></tr> <tr><td>Beam</td><td>100°</td></tr> <tr><td>Fixture Power</td><td>192W</td></tr> <tr><td>Mounting Hole</td><td>2180mm</td></tr> <tr><td>Fixture Size</td><td>1870mm</td></tr> <tr><td>Efficiency</td><td>86lm/W</td></tr> <tr><td>Max</td><td>3480lm</td></tr> </table>	3000K	4000K	Beam	100°	Fixture Power	192W	Mounting Hole	2180mm	Fixture Size	1870mm	Efficiency	86lm/W	Max	3480lm	Driver	Colour	3000K	4000K		
	3000K	4000K																		
	Beam	100°																		
	Fixture Power	192W																		
	Mounting Hole	2180mm																		
	Fixture Size	1870mm																		
Efficiency	86lm/W																			
Max	3480lm																			
EL.	○	<b>1T5605EL</b>	<b>1T5606EL</b>																	
EL.	●	<b>1T5609EL</b>	<b>1T5610EL</b>																	
EL.	◐	<b>1T5607EL</b>	<b>1T5608EL</b>																	
DALI	○	<b>1T5605DA</b>	<b>1T5606DA</b>																	
DALI	●	<b>1T5609DA</b>	<b>1T5610DA</b>																	
DALI	◐	<b>1T5607DA</b>	<b>1T5608DA</b>																	

LED / 80W / UP-DOWN UGR					  															
 <table border="1"> <tr><td>3000K</td><td>4000K</td></tr> <tr><td>Beam</td><td>100°</td></tr> <tr><td>Fixture Power</td><td>80W</td></tr> <tr><td>Mounting Hole</td><td>1180mm</td></tr> <tr><td>Fixture Size</td><td>830mm</td></tr> <tr><td>Efficiency</td><td>91lm/W</td></tr> <tr><td>Max</td><td>2160lm</td></tr> </table>	3000K	4000K	Beam	100°	Fixture Power	80W	Mounting Hole	1180mm	Fixture Size	830mm	Efficiency	91lm/W	Max	2160lm	Driver	Colour	3000K	4000K		
	3000K	4000K																		
	Beam	100°																		
	Fixture Power	80W																		
	Mounting Hole	1180mm																		
	Fixture Size	830mm																		
Efficiency	91lm/W																			
Max	2160lm																			
EL.	○	<b>1T5617EL</b>	<b>1T5618EL</b>																	
EL.	●	<b>1T5621EL</b>	<b>1T5622EL</b>																	
EL.	◐	<b>1T5619EL</b>	<b>1T5620EL</b>																	
DALI	○	<b>1T5617DA</b>	<b>1T5618DA</b>																	
DALI	●	<b>1T5621DA</b>	<b>1T5622DA</b>																	
DALI	◐	<b>1T5619DA</b>	<b>1T5620DA</b>																	

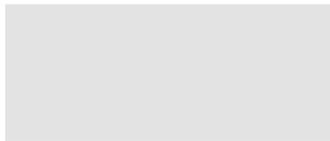
## Note

Check mounting instructions to verify the quantity of DALI drivers installed.

## Related codes

Mounting System																	
																	
<table border="1"> <tr><td>Colour</td><td>Code</td></tr> <tr><td>○</td><td><b>1T5912</b></td></tr> <tr><td>●</td><td><b>1T5913</b></td></tr> <tr><td>◐</td><td><b>1T5914</b></td></tr> </table>	Colour	Code	○	<b>1T5912</b>	●	<b>1T5913</b>	◐	<b>1T5914</b>	<table border="1"> <tr><td>Colour</td><td>Code</td></tr> <tr><td>○</td><td><b>1T6919</b></td></tr> <tr><td>●</td><td><b>1T6920</b></td></tr> <tr><td>◐</td><td><b>1T6921</b></td></tr> </table>	Colour	Code	○	<b>1T6919</b>	●	<b>1T6920</b>	◐	<b>1T6921</b>
Colour	Code																
○	<b>1T5912</b>																
●	<b>1T5913</b>																
◐	<b>1T5914</b>																
Colour	Code																
○	<b>1T6919</b>																
●	<b>1T6920</b>																
◐	<b>1T6921</b>																
<p>Ceiling installation: polycarbonate bracket. To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the LT version and 4 for the X version.</p>	<p>Wall installation: painted metal bracket. To be ordered in the following quantities for every fixture length: 1 for the 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm version.</p>																

## Suspension



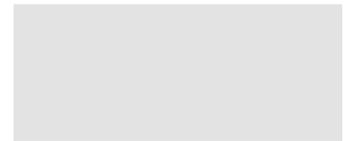
L	Colour	Code
2000	○	<b>1T5899</b>
2000	●	<b>1T5900</b>
2000	●	<b>1T5901</b>
4000	○	<b>1T5902</b>
4000	●	<b>1T5903</b>
4000	●	<b>1T5904</b>

Suspension cable.

To be ordered in the following quantities for every fixture length: 1 for 281mm version, 2 for the 562 / 1122 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.

Suspension cable compatible with ceiling or wall installations, even inclined.

## Power Supply Kit



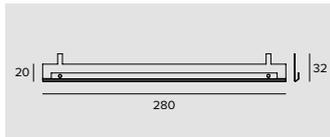
L	Driver	Colour	Code
4000	EL.	○	<b>1T5905EL</b>
4000	EL.	●	<b>1T5906EL</b>
4000	EL.	●	<b>1T5907EL</b>
4000	DALI	○	<b>1T5905DA</b>
4000	DALI	●	<b>1T5906DA</b>
4000	DALI	●	<b>1T5907DA</b>

Suspension installation kit: power cable complete with a painted polycarbonate rosette.

Max 0.6kW.

## Accessories

### Screen



Code

**1T6502**

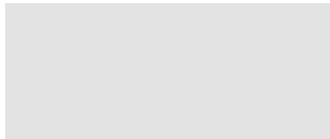
Accessory designed to improve the visual comfort of the Wall Washer version.

To be installed on a standard reflector.

Made of matte black painted aluminium.

280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures.

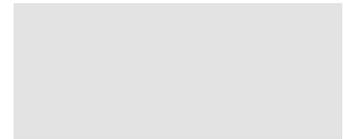
It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.

It generates a local DALI bus with the capacity to drive up to 64 fixtures.

Can control DALI fixtures in indoor applications.

It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CARTESIO

## GENERAL INFO

Direct/indirect light suspension, ceiling mounted luminaire.

720x720x42mm

1147x420x42mm

## LED

Direct lighting LED boards

Indirect lighting LED COB

Ra84

From 2776lm to 6833lm

3000K – 4000K

Ra84

## PRODUCT EFFICACY

Up to 116lm/W

## OPTICS

UGR

## POWER SUPPLY

Electronic – DALI

## MATERIAL

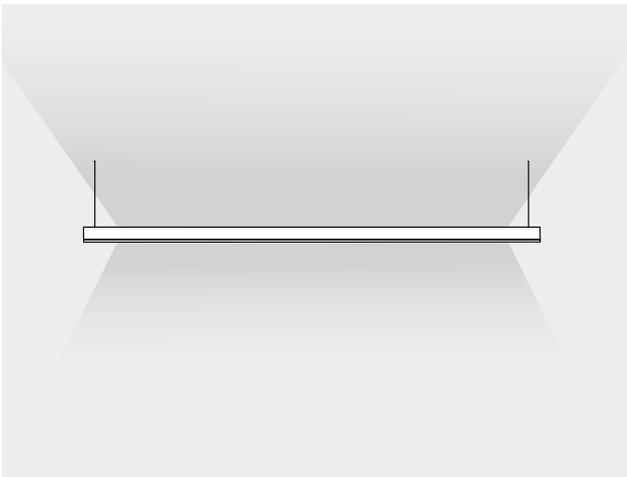
Extruded aluminium body with aluminium terminals.

Plaster white finish.

The range of technical suspension fixtures for the office environment with soft lines and professional performance. Square and rectangular solutions for suspension, ceiling mounted and wall mounted installations.

Different light emissions: direct, indirect and combined direct/indirect in just one fixture. Available in a UGR<19 version.





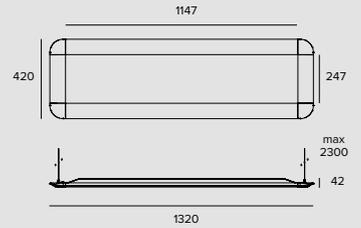
## Lighting for the office

The rectangular CARTESIO versions, fitted with the direct emission component guarantee more than 500lux on the work surface, in line with the requirements outlined in the EN12464-1 standard and have a UGR value of 16 which is considerably lower than the limits indicated in the standard (UGR<19), which ensures reliability and maximum freedom when designing spaces. In addition to this there is the indirect component that contributes to softly balancing the luminance to reduce user eyestrain and improve perception of the illuminated space.

# CARTESIO



## Rectangular Suspension UGR<19

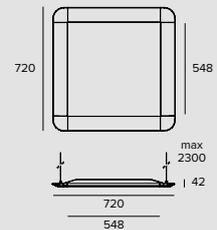


LED / 48W / UGR						
	3000K	4000K	4000K	4000K		
	48W	48W	48W	48W		
	Fixture Power	100W	1.25	1.25	1.41	
	Mounting Pole	4800mm	1	1.50	4.20	460
Fixture Size	4800mm	1	0.81	0.21	360	
Efficiency	120lm/W	4	1.75	0.30	30	
TM80	max=21000hrs	TM80	0	0.21	0.88	58
Driver	Colour	3000K				
EL.	○	<b>1T4063</b>				
DALI	○	<b>1T4067</b>				

LED / 52W / UGR						
	4000K	4000K	4000K	4000K		
	52W	52W	52W	52W		
	Fixture Power	100W	1.27	1.26	1.48	
	Mounting Pole	4800mm	1	1.50	4.17	460
Fixture Size	4800mm	1	0.81	0.20	340	
Efficiency	120lm/W	4	0.87	1.00	219	
TM80	max=21000hrs	TM80	0	0.20	0.70	61
Driver	Colour	4000K				
EL.	○	<b>1T4065</b>				
DALI	○	<b>1T4069</b>				



## Square Suspension UGR<22



LED / 26W / VWFL						
	3000K	4000K	4000K	4000K	4000K	
	26W	26W	26W	26W	26W	
	Fixture Power	50W	1	1.57	1.57	1.75
	Mounting Pole	1700mm	1	0.79	0.24	214
Fixture Size	1700mm	1	0.10	0.10	80	
Efficiency	94lm/W	4	0.47	0.6	36	
TM80	max=21000hrs	TM80	0	0.01	0.6	36
Driver	Colour	3000K	4000K			
EL.	○	<b>1T4241</b>	<b>1T4243</b>			
DALI	○	<b>1T4242</b>	<b>1T4244</b>			

## Related codes

Canopy				
	Driver	Colour	Code	
	EL.	○	<b>1T4071</b>	
	DALI	○	<b>1T4072</b>	
Canopy.				

## Accessories

Mechanical connector - Rectangular Suspension				
	Driver	Code		
	EL.	<b>1T4075</b>		
	DALI	<b>1T4240</b>		
Linear connector.				

# Accessories

**Control systems**



Code  
**1T5349**

Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.

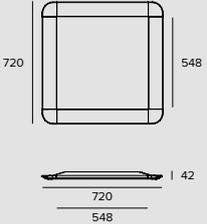


Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



## Square Wall/Ceiling UGR<22



**LED / 26W / VWFL** ⊕ 0.5 IP20

Beam Angle	3000K		4000K	
	Beam	Beam	Beam	Beam
15°	1718lm	1	6.79	224
30°	1718lm	4	10.10	80
45°	1718lm	9	13.47	36
60°	1718lm	16	16.81	16

Driver	Colour	3000K	4000K
EL	○	<b>1T4245</b>	<b>1T4247</b>
DALI	○	<b>1T4246</b>	<b>1T4248</b>

# Accessories

**Control systems**



Code  
**1T5349**

Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.



Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# DIVA

## GENERAL INFO

Stand-alone direct or indirect light suspension lamp  
1335x435x87mm

## LED

Direct lighting LED boards  
Indirect lighting LED COB  
From 6402lm to 6833lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Up to 116lm/W

## OPTICS

UGR

## POWER SUPPLY

Electronic – DALI

## MATERIAL

White CRISTALPLANT© body.

A high end suspension light fixture for the office made of Cristalplant without the use of visible screws and joins, with soft lines ideal for the office environment; it interacts with the light using different light emissions: direct, indirect and combined direct/indirect in just one fixture.

Controlled low luminance direct light EN12464, UGR<19 and L65<1500/3000. Micrometric adjustment of the suspension cables using an ABS Auto Block System. Can be adjusted vertically by +/-15°.



01



It is made of Cristalplant®

Technologically advanced and unique composite material that is made up of a high percentage of natural extremely pure polyester polymers and acrylics; it is therefore an inert, hypoallergenic and non-toxic material.

02



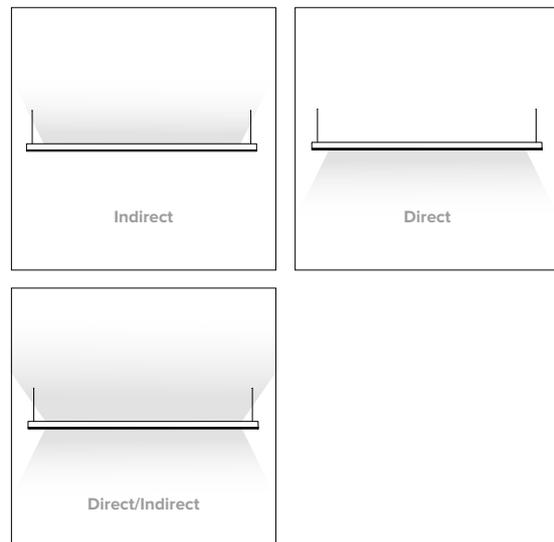
Diva hides professional technology:

Suitable for office lighting that meets all the regulations specified in the EN 12464-1 standard in terms of luminance, colour rendering and glare.

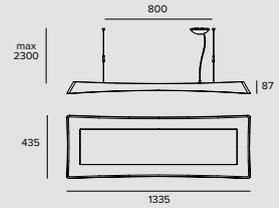
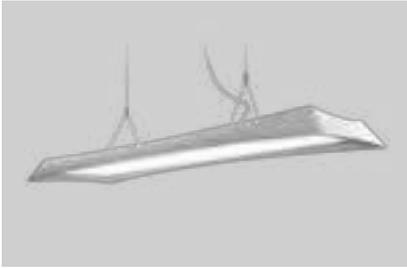
03

Diva is able to create three different effects:

Direct emission, indirect emission or mixed direct/indirect emission. The direct component is managed by a textured PMMA screen to control glare while the indirect component is managed by a highly efficient LED COB source that lights the ceiling with a Lambertian 'matte' reflectance to balance the luminance.



# DIVA



## LED / 48W / UGR



Beam angle	3000K		4000K	
	80°	92°	80°	92°
Fixture Power	12W	1	1.25	1.28
Mounting Hole	4x12mm	2	1.50	4.20
Fixture Size	4x12mm	1	0.84	6.21
Efficiency	120lm/W	4	1.75	6.30
TM2003 max=2000lm/ft² max	1490lm	0	6.74	13.88

Driver	Colour	3000K
EL.	○	<b>1T4522</b>
DALI	○	<b>1T4523</b>

## LED / 52W / UGR



Beam angle	4000K		4000K	
	80°	92°	80°	92°
Fixture Power	10W	1	1.67	1.76
Mounting Hole	4x12mm	2	1.50	3.17
Fixture Size	4x12mm	1	0.81	5.20
Efficiency	120lm/W	4	6.67	1.00
TM2003 max=2000lm/ft² max	2190lm	0	6.36	6.76

Driver	Colour	4000K
EL.	○	<b>1T4524</b>
DALI	○	<b>1T4525</b>

## Accessories

### Control systems



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



# SLIM

## Suspension

### GENERAL INFO

Indirect or direct/indirect modular suspension for LED sources.

### LED

Linear Board LED Low Power High Efficiency  
From 2590lm to 13760lm  
3000K  
Ra84

### PRODUCT EFFICACY

Up to 114lm/W

### OPTICS

VWFL

### POWER SUPPLY

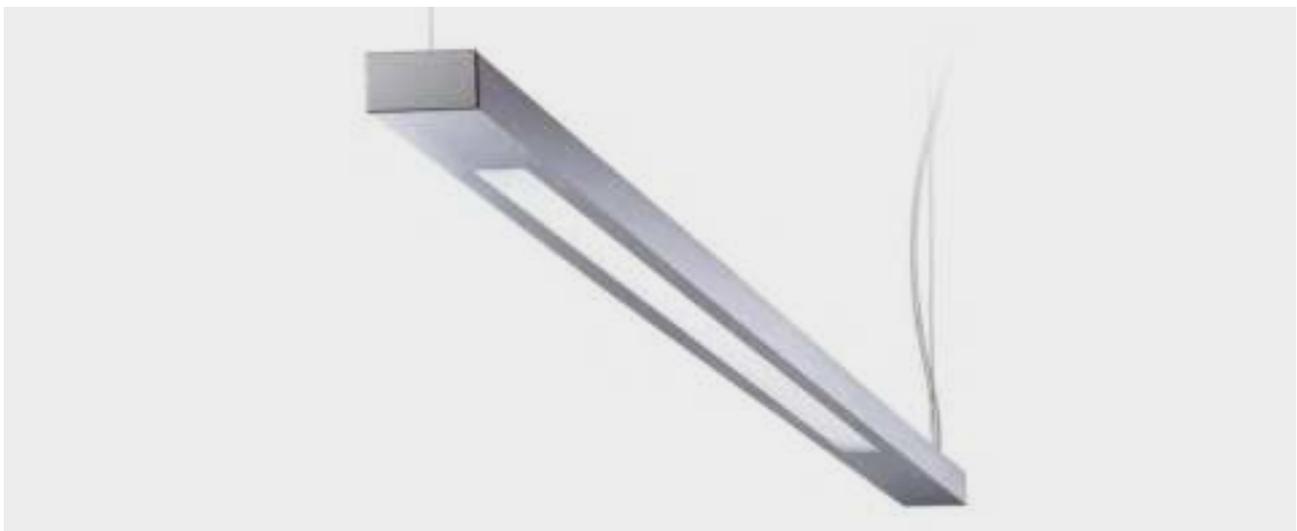
Electronic

### MATERIAL

Body made of extruded anodised aluminium.  
Polycarbonate lateral end caps. Transparent polycarbonate upper safety screen. Lower diffusive screen made of ribbed, extruded opal polycarbonate.

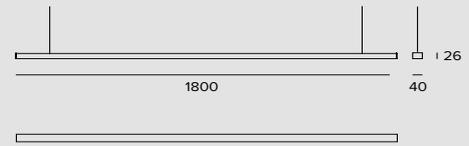
Minimal modular suspension fixture with indirect or direct/indirect light emission with a compact size to disappear into the environment to leave space for just the architecture and the light.

There is also a linear version that can be configured in a system or stand alone, as well as a rectangular version that is particularly suitable for lighting open spaces.





## Line L. 1800mm



**LED / 18W / INDIRECT / VWFL** ⊕ 4 IP20

	3000K	H(m)	D(m)	Area(m²)	
Kahl			537°		
Fixture Power	18W	3	3.13	823	
Mounting Pole	1800mm	3	4.38	206	
Fixture Size	1800mm	4	9.36	85	
Efficiency	122lm/W	4	12.51	55	
TS/12	max=22000lm Max	8190	6	35.81	40

Driver	Colour	3000K
EL.	●	<b>1T4186</b>



## Line L. 3370mm



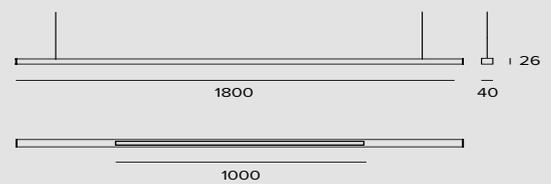
**LED / 36W / INDIRECT / VWFL** ⊕ 7.2 IP20

	3000K	H(m)	D(m)	Area(m²)	
Kahl			537°		
Fixture Power	36W	3	3.13	1646	
Mounting Pole	1800mm	3	4.38	415	
Fixture Size	4750mm	4	9.36	289	
Efficiency	122lm/W	4	12.51	209	
TS/12	max=22000lm Max	16380	6	35.81	80

Driver	Colour	3000K
EL.	●	<b>1T4188</b>



## Line L. 1800mm



**LED / 39W / DIRECT/INDIRECT / VWFL** ⊕ 4 IP20

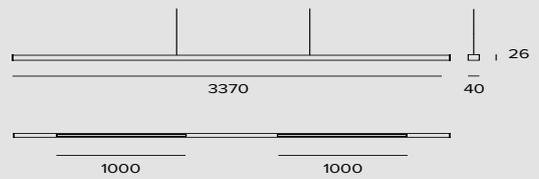
	3000K	H(m)	D(m)	Area(m²)	
Kahl			90°		
Fixture Power	39W	3	3.13	618	
Mounting Pole	1800mm	3	4.38	289	
Fixture Size	4100mm	4	9.36	85	
Efficiency	98lm/W	4	9.75	55	
TS/12	max=22700lm Max	8190	6	35.81	40

Driver	Colour	3000K
EL.	●	<b>1T4187</b>

# SLIM



**Line L. 3370mm**



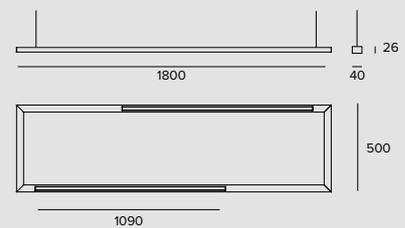
**LED / 78W / DIRECT/INDIRECT / VWFL** ⊕ 7.2 IP20

	3000K	H(m)	D(m)	Area(m²)	
Kahl			95°		
Fixture Power	78W	5	3.19	1616	
Mounting Pole	11200mm	3	4.07	1658	
Fixture Size	8300mm	4	6.36	1881	
EffPower	95lm/W	4	8.75	200	
TS712	max=24700lm Max	18000	6	30.81	85

Driver	Colour	3000K
EL.	●	<b>1T4189</b>



**Rectangle L. 1800mm**



**LED / 48W / INDIRECT / VWFL** ⊕ 7.2 IP20

	3000K	H(m)	D(m)	Area(m²)	
Kahl			137°		
Fixture Power	48W	3	3.14	1330	
Mounting Pole	4800mm	3	4.30	146	
Fixture Size	4200mm	4	6.36	249	
EffPower	133lm/W	4	17.51	187	
TS712	max=12400lm Max	21000	6	35.81	87

Driver	Colour	3000K
EL.	●	<b>1T4190</b>

**LED / 96W / DIRECT/INDIRECT / VWFL** ⊕ 7.2 IP20

	3000K	H(m)	D(m)	Area(m²)	
Kahl			95°		
Fixture Power	96W	5	3.19	1616	
Mounting Pole	11700mm	3	4.07	166	
Fixture Size	10300mm	4	6.36	329	
EffPower	95lm/W	4	8.75	119	
TS712	max=24700lm Max	20100	6	30.81	80

Driver	Colour	3000K
EL.	●	<b>1T4191</b>

## Related codes

**Power Supply Kit**

Code <b>1V7213</b>	Code <b>1V7523</b>
Off-centre circular canopy complete with feeding cable L 2000mm. Maximum power 2KW. For single switching.	Off-centre square canopy complete with feeding cable L 2000mm. Maximum power 2KW. For single switching.

# Accessories

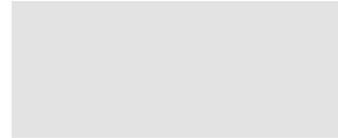
## Suspension



L	Code
10000	<b>1V7264</b>

Steel suspension cable.  
Accessory to be ordered only for installations higher than 2000mm.

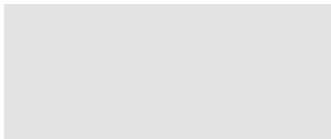
## Cable



L	Code
5000	<b>1V7262</b>
10000	<b>1V7263</b>

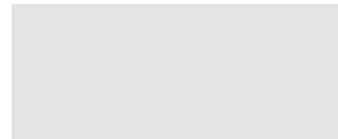
Three pole feeding cable.  
Accessory to be ordered only for installations higher than 2000mm.

## Mechanical connector



Code
<b>1V7344</b>

Joint for connecting two SLIM Line modules in a straight line. For the codes: 1T4186, 1T4187, 1T4188.



Code
<b>1V7345</b>

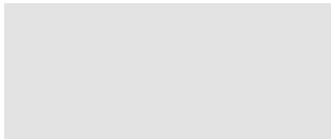
Joint for connecting two SLIM Line modules at 90°. For the codes: 1T4186, 1T4187, 1T4188.



Code
<b>1V7343</b>

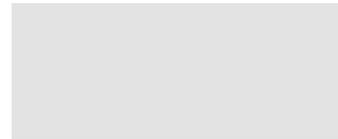
Joint for connecting two SLIM Rectangle modules in a line.

## Canopy



Code
<b>1V7524</b>

Canopy without feeding cable.  
Square.



Code
<b>1V7213AB</b>

Canopy without feeding cable.  
Circular.

# MINIMINIMA

## Ceiling Suspension luminaire

### GENERAL INFO

Ceiling and suspension luminaire with direct light emission  
600x50x32mm

### LED

Linear Board LED Low Power High Efficiency 1720lm  
3000K

Ra80

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 62 lm/W

### OPTICS

VWFL

### POWER SUPPLY

Electronic

### MATERIAL

Body made of chromed or painted aluminium with opal polycarbonate diffuser.

A unique, thin linear element designed to remove sharp edges without connecting elements and any visible fastening system.

Available in many types to meet different needs: only indirect or combined direct/indirect light emission.

Available also in a wall mounted version.





## Ceiling



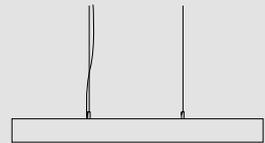
### LED / 12W / DIRECT / VWFL



Driver	Colour	3000K
EL.	●	<b>1T4178</b>
EL.	●	<b>1T4179</b>
EL.	○	<b>1T4180</b>
EL.	●	<b>1T4181</b>



## Suspension



### LED / 12W / DIRECT / VWFL



Driver	Colour	3000K
EL.	●	<b>1T4182</b>
EL.	●	<b>1T4183</b>
EL.	○	<b>1T4184</b>
EL.	●	<b>1T4185</b>

# OZ 230V

## Stand alone

### GENERAL INFO

Fixed multi-optic LED ceiling mounted fixture  
Large version: 3x and 5x.  
3x: 153x53mm h.100mm  
5x: 253x53mm h.100mm

### LED

Chip on board  
From 1414lm to 3295lm  
2700K – 3000K – 3500K – 4000K  
Ra90

### PRODUCT EFFICACY

Up to 101lm/W

### OPTICS

SP – FL - MWFL

### POWER SUPPLY

Electronic and DALI driver integrated into the body of the fixture.  
Casambi control system available with an accessory (only for DALI version products).

### MATERIAL

Black or white painted die-cast aluminium body with black polycarbonate frame.

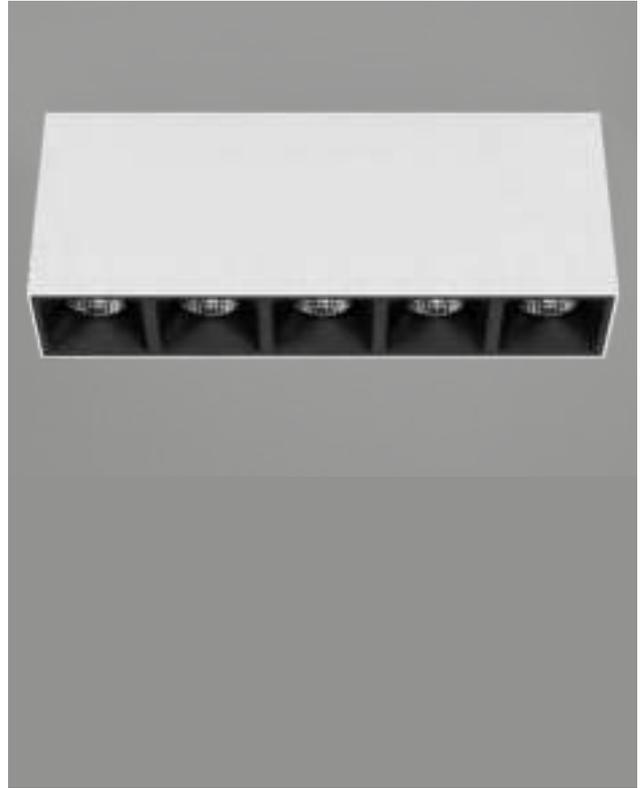
New ceiling mounted multi-optic fixtures with a new design with miniaturised optics inspired by the OZ 48V version. Only available in the Large version for ceiling installations. Optics SP, FL and MWFL are suitable for installation in work environments - UGR<17 (EN12464-1).

Also available for recessed installation in the Small and Large versions with 1x, 3x or 5x modules.



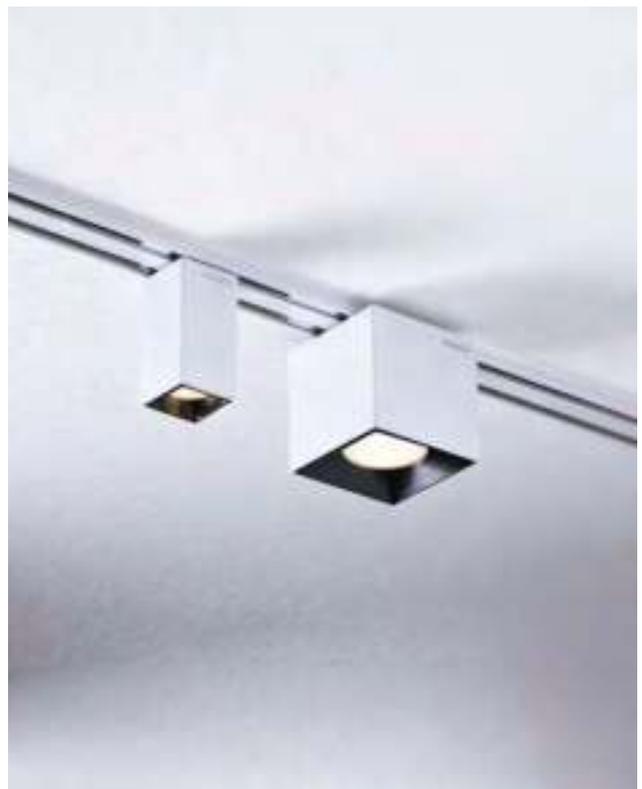


01  
OZ Stand alone



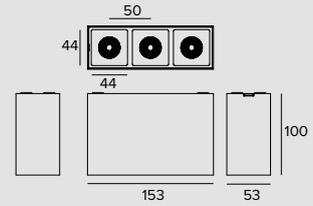
OZ 48V - the same family feeling

The same design, similar performance characteristics with a conceptually different installation philosophy. Small points of light provided by single or multiple elements that are self-sufficient, contrast with the concept of a system which is inspired on the other hand by a continuous line that develops in the space.





## Stand Alone Ceiling Luminaire Large 3X (153x53mm)



**LED / 19W / SP** ± 0.7 IP20

Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7890EL</b>	<b>1T7891EL</b>	<b>1T7892EL</b>	<b>1T7893EL</b>
EL.	●	<b>1T7902EL</b>	<b>1T7903EL</b>	<b>1T7904EL</b>	<b>1T7905EL</b>
DALI	○	<b>1T7890DA</b>	<b>1T7891DA</b>	<b>1T7892DA</b>	<b>1T7893DA</b>
DALI	●	<b>1T7902DA</b>	<b>1T7903DA</b>	<b>1T7904DA</b>	<b>1T7905DA</b>

**LED / 18W / FL** ± 0.7 IP20

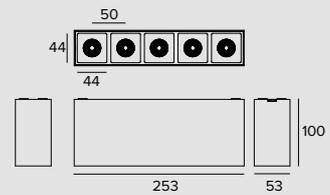
Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7894EL</b>	<b>1T7895EL</b>	<b>1T7896EL</b>	<b>1T7897EL</b>
EL.	●	<b>1T7906EL</b>	<b>1T7907EL</b>	<b>1T7908EL</b>	<b>1T7909EL</b>
DALI	○	<b>1T7894DA</b>	<b>1T7895DA</b>	<b>1T7896DA</b>	<b>1T7897DA</b>
DALI	●	<b>1T7906DA</b>	<b>1T7907DA</b>	<b>1T7908DA</b>	<b>1T7909DA</b>

**LED / 18W / WFL** ± 0.7 IP20

Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7898EL</b>	<b>1T7899EL</b>	<b>1T7900EL</b>	<b>1T7901EL</b>
EL.	●	<b>1T7910EL</b>	<b>1T7911EL</b>	<b>1T7912EL</b>	<b>1T7913EL</b>
DALI	○	<b>1T7898DA</b>	<b>1T7899DA</b>	<b>1T7900DA</b>	<b>1T7901DA</b>
DALI	●	<b>1T7910DA</b>	<b>1T7911DA</b>	<b>1T7912DA</b>	<b>1T7913DA</b>



## Stand Alone Ceiling Luminaire Large 5X (253x53mm)



**LED / 31W / SP** ± 1 IP20

Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7914EL</b>	<b>1T7915EL</b>	<b>1T7916EL</b>	<b>1T7917EL</b>
EL.	●	<b>1T7926EL</b>	<b>1T7927EL</b>	<b>1T7928EL</b>	<b>1T7929EL</b>
DALI	○	<b>1T7914DA</b>	<b>1T7915DA</b>	<b>1T7916DA</b>	<b>1T7917DA</b>
DALI	●	<b>1T7926DA</b>	<b>1T7927DA</b>	<b>1T7928DA</b>	<b>1T7929DA</b>

## LED / 30W / FL ⊖ 1 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7918EL</b>	<b>1T7919EL</b>	<b>1T7920EL</b>	<b>1T7921EL</b>
EL.	●	<b>1T7930EL</b>	<b>1T7931EL</b>	<b>1T7932EL</b>	<b>1T7933EL</b>
DALI	○	<b>1T7918DA</b>	<b>1T7919DA</b>	<b>1T7920DA</b>	<b>1T7921DA</b>
DALI	●	<b>1T7930DA</b>	<b>1T7931DA</b>	<b>1T7932DA</b>	<b>1T7933DA</b>

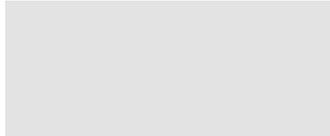
## LED / 30W / WFL ⊖ 1 IP20



Driver	Colour	2700K	3000K	3500K	4000K
EL.	○	<b>1T7922EL</b>	<b>1T7923EL</b>	<b>1T7924EL</b>	<b>1T7925EL</b>
EL.	●	<b>1T7934EL</b>	<b>1T7935EL</b>	<b>1T7936EL</b>	<b>1T7937EL</b>
DALI	○	<b>1T7922DA</b>	<b>1T7923DA</b>	<b>1T7924DA</b>	<b>1T7925DA</b>
DALI	●	<b>1T7934DA</b>	<b>1T7935DA</b>	<b>1T7936DA</b>	<b>1T7937DA</b>

## Accessories

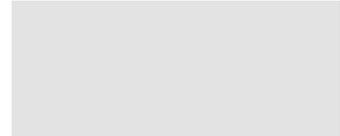
### Control systems



Code

**1T5349**

Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.



Code

**1T5352**

IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



# THREESIXTY

## GENERAL INFO

Circular LED fixture for ceiling mounted, suspension and wall mounted installations.  
Ø384mm - Ø590mm - Ø870mm - Ø1150mm

## LED

Self-cooling circular boards.

From 2017lm to 44809lm

3000K – 4000K

Ra84

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

## PRODUCT EFFICACY

Up to 117lm/W

## OPTICS

OPAL – UGR – OPAL+HALO – UGR+HALO

## POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Powder coated, extruded, calendered aluminium.

A fixture with a pure and simple design in four different diameters and five different installation types : recessed, semi-recessed, ceiling mounted, suspension and wall mounted. Any light fixture can be configured in various ways when accessorised with different installation elements.

Available only with direct, direct/indirect light or in a direct light version combined with a slight indirect HALO component. a solution that is particularly suitable for the ceiling mounted, wall mounted or semi-recessed versions to create a soft frame of light. Also available in UGR<19 for the two smaller diameters.

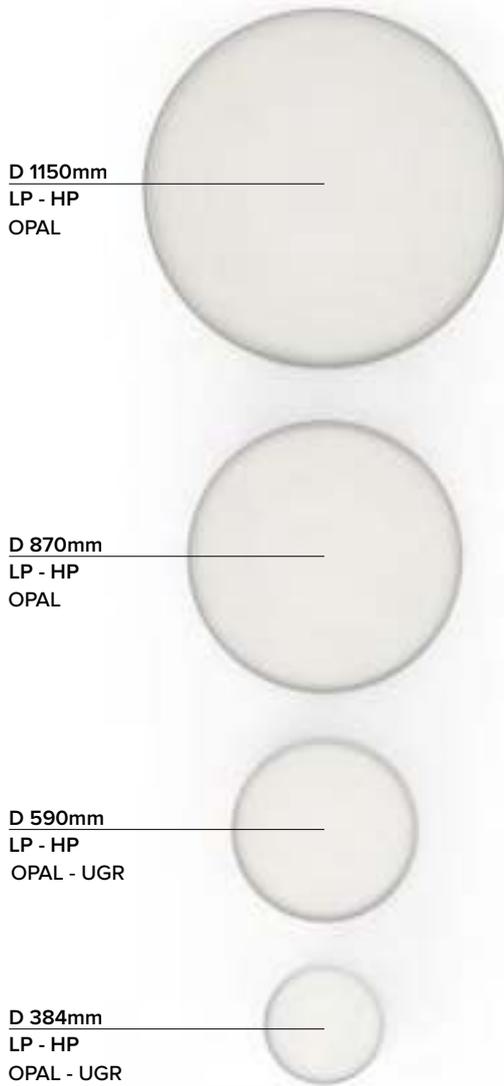




# Théâtre De Gennevilliers

**Country**  
Gennevilliers - France

01



## Four different diameters

To light spaces with different characteristics. Compact solutions to light environments with limited heights and large size fixtures to light great heights and showrooms.

02



## A wide range of direct or direct/indirect lighting effects

Diffused light, controlled light UGR<19 and a particular Halo effect

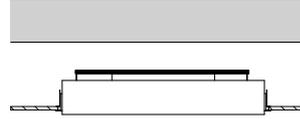


## Different lumen packages

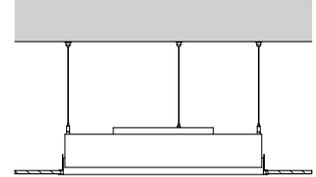
For every diameter to light spaces with the same design.

## Recessed - Semi recessed

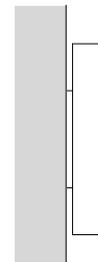
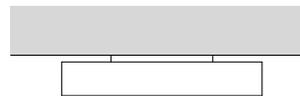
Frame



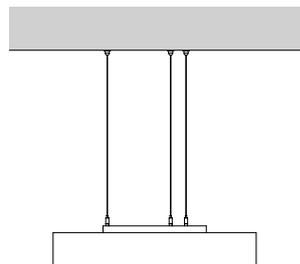
Adjustable frame



## Wall and ceiling mounted



## Suspension



## One single body for five different installation solutions.

The fixture can be ceiling or wall mounted without the use of any accessories. For suspension installation a special suspension kit must be used.

For recessed or semi-recessed installations it must be completed with special outer casings.

The 384 mm and 590 mm versions are compatible with an accessory standard or HALO version load bearing outer frame that attaches directly to the false ceiling.

The 384 mm, 590 mm, 870 mm and 1150 mm versions are compatible with a recessed non load bearing frame that attaches to the main ceiling.

# THREESIXTY



Ø 384mm



**LED / 21W / DOWN OPAL** ⊕ 3.6 IP20 IP40

Beam Angle	3000K		4000K	
	lm	lm/W	lm	lm/W
63°	2700	127	2700	127
30°	5400	254	5400	254
15°	10800	508	10800	508

Driver	Colour	3000K	4000K
EL.	○	<b>1T6066EL</b>	<b>1T6067EL</b>
EL.	●	<b>1T6070EL</b>	<b>1T6071EL</b>
EL.	◐	<b>1T6068EL</b>	<b>1T6069EL</b>
DALI	○	<b>1T6066DA</b>	<b>1T6067DA</b>
DALI	●	<b>1T6070DA</b>	<b>1T6071DA</b>
DALI	◐	<b>1T6068DA</b>	<b>1T6069DA</b>

**LED / 29W / DOWN OPAL** ⊕ 3.6 IP20 IP40

Beam Angle	3000K		4000K	
	lm	lm/W	lm	lm/W
63°	3780	130	3780	130
30°	7560	260	7560	260
15°	15120	520	15120	520

Driver	Colour	3000K	4000K
EL.	○	<b>1T6072EL</b>	<b>1T6073EL</b>
EL.	●	<b>1T6076EL</b>	<b>1T6077EL</b>
EL.	◐	<b>1T6074EL</b>	<b>1T6075EL</b>
DALI	○	<b>1T6072DA</b>	<b>1T6073DA</b>
DALI	●	<b>1T6076DA</b>	<b>1T6077DA</b>
DALI	◐	<b>1T6074DA</b>	<b>1T6075DA</b>

**LED / 13W / DOWN UGR** ⊕ 3.6 IP20 IP40

Beam Angle	3000K		4000K	
	lm	lm/W	lm	lm/W
63°	1710	132	1710	132
30°	3420	264	3420	264
15°	6840	528	6840	528

Driver	Colour	3000K	4000K
EL.	○	<b>1T6102EL</b>	<b>1T6103EL</b>
EL.	●	<b>1T6106EL</b>	<b>1T6107EL</b>
EL.	◐	<b>1T6104EL</b>	<b>1T6105EL</b>
DALI	○	<b>1T6102DA</b>	<b>1T6103DA</b>
DALI	●	<b>1T6106DA</b>	<b>1T6107DA</b>
DALI	◐	<b>1T6104DA</b>	<b>1T6105DA</b>

**LED / 29W / UP-DOWN OPAL** ⊕ 4.6 IP20 IP40

Beam Angle	3000K		4000K	
	lm	lm/W	lm	lm/W
63°	3780	130	3780	130
30°	7560	260	7560	260
15°	15120	520	15120	520

Driver	Colour	3000K	4000K
EL.	○	<b>1T6090EL</b>	<b>1T6091EL</b>
EL.	●	<b>1T6094EL</b>	<b>1T6095EL</b>
EL.	◐	<b>1T6092EL</b>	<b>1T6093EL</b>
DALI	○	<b>1T6090DA</b>	<b>1T6091DA</b>
DALI	●	<b>1T6094DA</b>	<b>1T6095DA</b>
DALI	◐	<b>1T6092DA</b>	<b>1T6093DA</b>

**LED / 37W / UP-DOWN OPAL** ⊕ 4.6 IP20 IP40

Beam Angle	3000K		4000K	
	lm	lm/W	lm	lm/W
63°	4950	134	4950	134
30°	9900	268	9900	268
15°	19800	536	19800	536

Driver	Colour	3000K	4000K
EL.	○	<b>1T6096EL</b>	<b>1T6097EL</b>
EL.	●	<b>1T6100EL</b>	<b>1T6101EL</b>
EL.	◐	<b>1T6098EL</b>	<b>1T6099EL</b>
DALI	○	<b>1T6096DA</b>	<b>1T6097DA</b>
DALI	●	<b>1T6100DA</b>	<b>1T6101DA</b>
DALI	◐	<b>1T6098DA</b>	<b>1T6099DA</b>

**LED / 21W / UP-DOWN UGR**



	3000K	H(m)	20(m)	3(m²)
	Beam			82°
	Fixture Power	21W	3	2.07
	Source Flux	3080lm	3	4.13
	Fixture Flux	1780lm	3	6.23
112001	max=2040lx/m²	Beam	7.11lx	3

Driver	Colour	3000K	4000K
EL.	○	<b>1T6126EL</b>	<b>1T6127EL</b>
EL.	●	<b>1T6130EL</b>	<b>1T6131EL</b>
EL.	◐	<b>1T6128EL</b>	<b>1T6129EL</b>
DALI	○	<b>1T6126DA</b>	<b>1T6127DA</b>
DALI	●	<b>1T6130DA</b>	<b>1T6131DA</b>
DALI	◐	<b>1T6128DA</b>	<b>1T6129DA</b>

**LED / 35W (40,5W fixture power) / OPAL + HALO**



	3000K	H(m)	20(m)	3(m²)
	Beam			63°
	Fixture Power	35W	3	3.09
	Source Flux	4390lm	3	4.13
	Fixture Flux	2840lm	3	9.16
112002	max=2120lx/m²	Beam	6.66lx	3

Driver	Colour	3000K	4000K
EL.	○	<b>1T6078EL</b>	<b>1T6079EL</b>
EL.	●	<b>1T6082EL</b>	<b>1T6083EL</b>
EL.	◐	<b>1T6080EL</b>	<b>1T6081EL</b>
DALI	○	<b>1T6078DA</b>	<b>1T6079DA</b>
DALI	●	<b>1T6082DA</b>	<b>1T6083DA</b>
DALI	◐	<b>1T6080DA</b>	<b>1T6081DA</b>

**LED / 43W (49,5W fixture power) / OPAL + HALO**



	3000K	H(m)	20(m)	3(m²)
	Beam			63°
	Fixture Power	43W	3	3.09
	Source Flux	4990lm	3	4.13
	Fixture Flux	3440lm	3	9.16
112003	max=2120lx/m²	Beam	8.00lx	3

Driver	Colour	3000K	4000K
EL.	○	<b>1T6084EL</b>	<b>1T6085EL</b>
EL.	●	<b>1T6088EL</b>	<b>1T6089EL</b>
EL.	◐	<b>1T6086EL</b>	<b>1T6087EL</b>
DALI	○	<b>1T6084DA</b>	<b>1T6085DA</b>
DALI	●	<b>1T6088DA</b>	<b>1T6089DA</b>
DALI	◐	<b>1T6086DA</b>	<b>1T6087DA</b>

**LED / 27W (31,5W fixture power) / UGR + HALO**

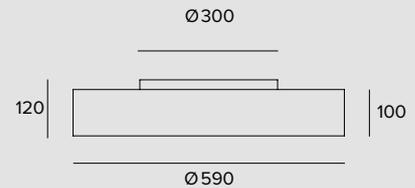


	3000K	H(m)	20(m)	3(m²)
	Beam			82°
	Fixture Power	27W	3	2.07
	Source Flux	3317lm	3	4.13
	Fixture Flux	1930lm	3	6.23
112004	max=1810lx/m²	Beam	7.00lx	3

Driver	Colour	3000K	4000K
EL.	○	<b>1T6114EL</b>	<b>1T6115EL</b>
EL.	●	<b>1T6118EL</b>	<b>1T6119EL</b>
EL.	◐	<b>1T6116EL</b>	<b>1T6117EL</b>
DALI	○	<b>1T6114DA</b>	<b>1T6115DA</b>
DALI	●	<b>1T6118DA</b>	<b>1T6119DA</b>
DALI	◐	<b>1T6116DA</b>	<b>1T6117DA</b>



**Ø 590mm**



**LED / 50W / DOWN OPAL**



	3000K	H(m)	20(m)	3(m²)
	Beam			63°
	Fixture Power	50W	3	3.09
	Source Flux	5930lm	3	4.13
	Fixture Flux	4000lm	3	9.16
112005	max=2120lx/m²	Beam	5.56lx	3

Driver	Colour	3000K	4000K
EL.	○	<b>1T6138EL</b>	<b>1T6139EL</b>
EL.	●	<b>1T6142EL</b>	<b>1T6143EL</b>
EL.	◐	<b>1T6140EL</b>	<b>1T6141EL</b>
DALI	○	<b>1T6138DA</b>	<b>1T6139DA</b>
DALI	●	<b>1T6142DA</b>	<b>1T6143DA</b>
DALI	◐	<b>1T6140DA</b>	<b>1T6141DA</b>

# THREESIXTY

## LED / 67W / DOWN OPAL



3000K	4000K	3000K	4000K
Beam			
Beam Angle			
Fixture Power	70W	3	3.00
Mounting Height	800mm	3	4.17
Fixture Size	400mm	3	9.16
Efficiency	80lm/W	4	12.25
Beam	30°x30°	6	35.63

Driver	Colour	3000K	4000K
EL.	○	<b>1T6144EL</b>	<b>1T6145EL</b>
EL.	●	<b>1T6148EL</b>	<b>1T6149EL</b>
EL.	◐	<b>1T6146EL</b>	<b>1T6147EL</b>
DALI	○	<b>1T6144DA</b>	<b>1T6145DA</b>
DALI	●	<b>1T6148DA</b>	<b>1T6149DA</b>
DALI	◐	<b>1T6146DA</b>	<b>1T6147DA</b>

## LED / 31W / DOWN UGR



3000K	4000K	3000K	4000K
Beam			
Beam Angle			
Fixture Power	31W	3	3.07
Mounting Height	400mm	3	4.17
Fixture Size	157mm	3	5.23
Efficiency	123lm/W	4	9.25
Beam	17.25°	6	35.63

Driver	Colour	3000K	4000K
EL.	○	<b>1T6174EL</b>	<b>1T6175EL</b>
EL.	●	<b>1T6178EL</b>	<b>1T6179EL</b>
EL.	◐	<b>1T6176EL</b>	<b>1T6177EL</b>
DALI	○	<b>1T6174DA</b>	<b>1T6175DA</b>
DALI	●	<b>1T6178DA</b>	<b>1T6179DA</b>
DALI	◐	<b>1T6176DA</b>	<b>1T6177DA</b>

## LED / 67W / UP-DOWN OPAL



3000K	4000K	3000K	4000K
Beam			
Beam Angle			
Fixture Power	70W	3	3.00
Mounting Height	800mm	3	4.17
Fixture Size	400mm	3	9.16
Efficiency	80lm/W	4	12.25
Beam	30°x30°	6	35.63

Driver	Colour	3000K	4000K
EL.	○	<b>1T6162EL</b>	<b>1T6163EL</b>
EL.	●	<b>1T6166EL</b>	<b>1T6167EL</b>
EL.	◐	<b>1T6164EL</b>	<b>1T6165EL</b>
DALI	○	<b>1T6162DA</b>	<b>1T6163DA</b>
DALI	●	<b>1T6166DA</b>	<b>1T6167DA</b>
DALI	◐	<b>1T6164DA</b>	<b>1T6165DA</b>

## LED / 84W / UP-DOWN OPAL



3000K	4000K	3000K	4000K
Beam			
Beam Angle			
Fixture Power	84W	3	3.00
Mounting Height	1000mm	3	4.17
Fixture Size	400mm	3	9.16
Efficiency	80lm/W	4	12.25
Beam	30°x30°	6	35.63

Driver	Colour	3000K	4000K
EL.	○	<b>1T6168EL</b>	<b>1T6169EL</b>
EL.	●	<b>1T6172EL</b>	<b>1T6173EL</b>
EL.	◐	<b>1T6170EL</b>	<b>1T6171EL</b>
DALI	○	<b>1T6168DA</b>	<b>1T6169DA</b>
DALI	●	<b>1T6172DA</b>	<b>1T6173DA</b>
DALI	◐	<b>1T6170DA</b>	<b>1T6171DA</b>

## LED / 48W / UP-DOWN UGR



3000K	4000K	3000K	4000K
Beam			
Beam Angle			
Fixture Power	48W	3	3.07
Mounting Height	400mm	3	4.17
Fixture Size	400mm	3	5.23
Efficiency	123lm/W	4	9.25
Beam	17.25°	6	35.63

Driver	Colour	3000K	4000K
EL.	○	<b>1T6198EL</b>	<b>1T6199EL</b>
EL.	●	<b>1T6202EL</b>	<b>1T6203EL</b>
EL.	◐	<b>1T6200EL</b>	<b>1T6201EL</b>
DALI	○	<b>1T6198DA</b>	<b>1T6199DA</b>
DALI	●	<b>1T6202DA</b>	<b>1T6203DA</b>
DALI	◐	<b>1T6200DA</b>	<b>1T6201DA</b>

## LED / 70W (81W fixture power) / OPAL + HALO



3000K	4000K	3000K	4000K
Beam			
Beam Angle			
Fixture Power	70W	3	3.00
Mounting Height	800mm	3	4.17
Fixture Size	400mm	3	9.16
Efficiency	80lm/W	4	12.25
Beam	30°x30°	6	35.63

Driver	Colour	3000K	4000K
EL.	○	<b>1T6150EL</b>	<b>1T6151EL</b>
EL.	●	<b>1T6154EL</b>	<b>1T6155EL</b>
EL.	◐	<b>1T6152EL</b>	<b>1T6153EL</b>
DALI	○	<b>1T6150DA</b>	<b>1T6151DA</b>
DALI	●	<b>1T6154DA</b>	<b>1T6155DA</b>
DALI	◐	<b>1T6152DA</b>	<b>1T6153DA</b>

**LED / 87W (99W fixture power) / OPAL + HALO** ⊕ 8.2 IP20 IP40

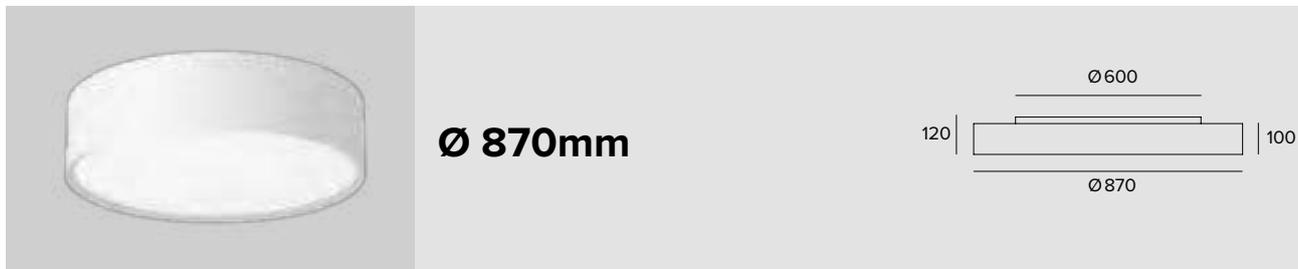
	3000K	H(m)	2θ(°)	Area(m²)		
Radius			53°			
Fixture Power	79W	3	3.09	2076		
Source Flux	8612lm	3	4.13	520		
Fixture Flux	4083lm	3	9.16	210		
Efficiency	80lm/W	4	12.25	210		
152005	max=2180lx/m²	max	30°/90°	6	56.63	60

Driver	Colour	3000K	4000K
EL.	○	<b>1T6156EL</b>	<b>1T6157EL</b>
EL.	●	<b>1T6160EL</b>	<b>1T6161EL</b>
EL.	●	<b>1T6158EL</b>	<b>1T6159EL</b>
DALI	○	<b>1T6156DA</b>	<b>1T6157DA</b>
DALI	●	<b>1T6160DA</b>	<b>1T6161DA</b>
DALI	●	<b>1T6158DA</b>	<b>1T6159DA</b>

**LED / 51W (59W fixture power) / UGR + HALO** ⊕ 8.2 IP20 IP40

	3000K	H(m)	2θ(°)	Area(m²)		
Radius			81°			
Fixture Power	59W	3	3.07	1323		
Source Flux	4994lm	3	4.13	440		
Fixture Flux	1571lm	3	6.23	262		
Efficiency	123lm/W	4	8.25	262		
152005	max=4180lx/m²	max	37°/90°	6	38.06	60

Driver	Colour	3000K	4000K
EL.	○	<b>1T6186EL</b>	<b>1T6187EL</b>
EL.	●	<b>1T6190EL</b>	<b>1T6191EL</b>
EL.	●	<b>1T6188EL</b>	<b>1T6189EL</b>
DALI	○	<b>1T6186DA</b>	<b>1T6187DA</b>
DALI	●	<b>1T6190DA</b>	<b>1T6191DA</b>
DALI	●	<b>1T6188DA</b>	<b>1T6189DA</b>



**LED / 113W / DOWN OPAL** ⊕ 12 IP20 IP40

	3000K	H(m)	2θ(°)	Area(m²)		
Radius			53°			
Fixture Power	127W	3	3.09	9926		
Source Flux	36220lm	3	4.13	861		
Fixture Flux	9633lm	3	9.16	379		
Efficiency	77lm/W	4	12.25	379		
152002	max=2120lx/m²	max	30°/90°	6	56.63	120

Driver	Colour	3000K	4000K
EL.	○	<b>1T6210EL</b>	<b>1T6211EL</b>
EL.	●	<b>1T6214EL</b>	<b>1T6215EL</b>
EL.	●	<b>1T6212EL</b>	<b>1T6213EL</b>
DALI	○	<b>1T6210DA</b>	<b>1T6211DA</b>
DALI	●	<b>1T6214DA</b>	<b>1T6215DA</b>
DALI	●	<b>1T6212DA</b>	<b>1T6213DA</b>

**LED / 144W / DOWN OPAL** ⊕ 12 IP20 IP40

	3000K	H(m)	2θ(°)	Area(m²)		
Radius			53°			
Fixture Power	143W	3	3.09	4068		
Source Flux	21862lm	3	4.13	1327		
Fixture Flux	21522lm	3	9.16	593		
Efficiency	83lm/W	4	12.25	593		
152003	max=2120lx/m²	max	30°/90°	6	56.63	120

Driver	Colour	3000K	4000K
EL.	○	<b>1T6216EL</b>	<b>1T6217EL</b>
EL.	●	<b>1T6220EL</b>	<b>1T6221EL</b>
EL.	●	<b>1T6218EL</b>	<b>1T6219EL</b>
DALI	○	<b>1T6216DA</b>	<b>1T6217DA</b>
DALI	●	<b>1T6220DA</b>	<b>1T6221DA</b>
DALI	●	<b>1T6218DA</b>	<b>1T6219DA</b>

**Note**  
 HALO Version: for the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.  
 DIRECT/INDIRECT VERSION: Fitted with separate switches. Three different light effects available: direct light, indirect light and mixed direct/indirect light.  
 Check mounting instructions to verify the quantity of DALI drivers installed.

# THREESIXTY

## LED / 146W / UP-DOWN OPAL



3000K	4000K	Beam Spread
Beam		
63°		
Fixture Power	146W	3 1.00 900h
Mounting Fix	3000mm	3 4.17 843
Fixture Size	2181mm	4 9.16 378
Efficiency	89lm/W	4 12.25 219
112006	max=2450/4000	Height
	900mm	6 35.83 140

Driver	Colour	3000K	4000K
EL.	○	<b>1T6234EL</b>	<b>1T6235EL</b>
EL.	●	<b>1T6238EL</b>	<b>1T6239EL</b>
EL.	◐	<b>1T6236EL</b>	<b>1T6237EL</b>
DALI	○	<b>1T6234DA</b>	<b>1T6235DA</b>
DALI	●	<b>1T6238DA</b>	<b>1T6239DA</b>
DALI	◐	<b>1T6236DA</b>	<b>1T6237DA</b>

## LED / 177W / UP-DOWN OPAL



3000K	4000K	Beam Spread
Beam		
63°		
Fixture Power	177W	3 1.00 900h
Mounting Fix	2638mm	3 4.17 1327
Fixture Size	1711mm	4 9.16 369
Efficiency	89lm/W	4 12.25 204
112006	max=2765/4000	Height
	900mm	6 35.83 142

Driver	Colour	3000K	4000K
EL.	○	<b>1T6240EL</b>	<b>1T6241EL</b>
EL.	●	<b>1T6244EL</b>	<b>1T6245EL</b>
EL.	◐	<b>1T6242EL</b>	<b>1T6243EL</b>
DALI	○	<b>1T6240DA</b>	<b>1T6241DA</b>
DALI	●	<b>1T6244DA</b>	<b>1T6245DA</b>
DALI	◐	<b>1T6242DA</b>	<b>1T6243DA</b>

## LED / 138W (160W fixture power) / OPAL + HALO



3000K	4000K	Beam Spread
Beam		
63°		
Fixture Power	137W	3 1.00 900h
Mounting Fix	2638mm	3 4.17 843
Fixture Size	981mm	4 9.16 378
Efficiency	77lm/W	4 12.25 219
112002	max=2180/4000	Height
	900mm	6 35.83 140

Driver	Colour	3000K	4000K
EL.	○	<b>1T6222EL</b>	<b>1T6223EL</b>
EL.	●	<b>1T6226EL</b>	<b>1T6227EL</b>
EL.	◐	<b>1T6224EL</b>	<b>1T6225EL</b>
DALI	○	<b>1T6222DA</b>	<b>1T6223DA</b>
DALI	●	<b>1T6226DA</b>	<b>1T6227DA</b>
DALI	◐	<b>1T6224DA</b>	<b>1T6225DA</b>

## LED / 174W (201W fixture power) / OPAL + HALO

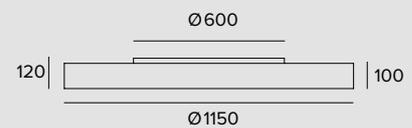


3000K	4000K	Beam Spread
Beam		
63°		
Fixture Power	167W	3 1.00 900h
Mounting Fix	2180mm	3 4.17 1327
Fixture Size	1122mm	4 9.16 369
Efficiency	81lm/W	4 12.25 204
112003	max=2180/4000	Height
	900mm	6 35.83 142

Driver	Colour	3000K	4000K
EL.	○	<b>1T6228EL</b>	<b>1T6229EL</b>
EL.	●	<b>1T6232EL</b>	<b>1T6233EL</b>
EL.	◐	<b>1T6230EL</b>	<b>1T6231EL</b>
DALI	○	<b>1T6228DA</b>	<b>1T6229DA</b>
DALI	●	<b>1T6232DA</b>	<b>1T6233DA</b>
DALI	◐	<b>1T6230DA</b>	<b>1T6231DA</b>



Ø 1150mm



## LED / 182W / DOWN OPAL



3000K	4000K	Beam Spread
Beam		
63°		
Fixture Power	182W	3 1.00 900h
Mounting Fix	2765mm	3 4.17 843
Fixture Size	981mm	4 9.16 349
Efficiency	82lm/W	4 12.25 200
112002	max=2180/4000	Height
	900mm	6 35.83 140

Driver	Colour	3000K	4000K
EL.	○	<b>1T6246EL</b>	<b>1T6247EL</b>
EL.	●	<b>1T6250EL</b>	<b>1T6251EL</b>
EL.	◐	<b>1T6248EL</b>	<b>1T6249EL</b>
DALI	○	<b>1T6246DA</b>	<b>1T6247DA</b>
DALI	●	<b>1T6250DA</b>	<b>1T6251DA</b>
DALI	◐	<b>1T6248DA</b>	<b>1T6249DA</b>

**LED / 243W / DOWN OPAL**



	3000K	4000K	3000K	4000K
Beam	63°			
Fixture Power	279W	3	3.08	786J
Mounting Fix	66/753mm	3	4.17	1024
Fixture Size	21218mm	4	9.16	813
Efficiency	81lm/W	4	17.25	483
Max	7000cd	6	35.63	408

Driver	Colour	3000K	4000K
EL.	○	<b>1T6252EL</b>	<b>1T6253EL</b>
EL.	●	<b>1T6256EL</b>	<b>1T6257EL</b>
EL.	◐	<b>1T6254EL</b>	<b>1T6255EL</b>
DALI	○	<b>1T6252DA</b>	<b>1T6253DA</b>
DALI	●	<b>1T6256DA</b>	<b>1T6257DA</b>
DALI	◐	<b>1T6254DA</b>	<b>1T6255DA</b>

**LED / 233W / UP-DOWN OPAL**



	3000K	4000K	3000K	4000K
Beam	63°			
Fixture Power	281W	3	3.08	776J
Mounting Fix	318/396mm	3	4.17	1018
Fixture Size	21257mm	4	9.16	813
Efficiency	81lm/W	4	17.25	480
Max	6760cd	6	35.63	340

Driver	Colour	3000K	4000K
EL.	○	<b>1T6270EL</b>	<b>1T6271EL</b>
EL.	●	<b>1T6274EL</b>	<b>1T6275EL</b>
EL.	◐	<b>1T6272EL</b>	<b>1T6273EL</b>
DALI	○	<b>1T6270DA</b>	<b>1T6271DA</b>
DALI	●	<b>1T6274DA</b>	<b>1T6275DA</b>
DALI	◐	<b>1T6272DA</b>	<b>1T6273DA</b>

**LED / 294W / UP-DOWN OPAL**



	3000K	4000K	3000K	4000K
Beam	63°			
Fixture Power	137W	3	3.08	786J
Mounting Fix	118/196mm	3	4.17	1024
Fixture Size	21813mm	4	9.16	813
Efficiency	81lm/W	4	17.25	483
Max	7000cd	6	35.63	408

Driver	Colour	3000K	4000K
EL.	○	<b>1T6276EL</b>	<b>1T6277EL</b>
EL.	●	<b>1T6280EL</b>	<b>1T6281EL</b>
EL.	◐	<b>1T6278EL</b>	<b>1T6279EL</b>
DALI	○	<b>1T6276DA</b>	<b>1T6277DA</b>
DALI	●	<b>1T6280DA</b>	<b>1T6281DA</b>
DALI	◐	<b>1T6278DA</b>	<b>1T6279DA</b>

**LED / 226W (258W fixture power) / OPAL + HALO**



	3000K	4000K	3000K	4000K
Beam	63°			
Fixture Power	226W	3	3.08	676J
Mounting Fix	275/326mm	3	4.17	1018
Fixture Size	20811mm	4	9.16	813
Efficiency	81lm/W	4	17.25	480
Max	6760cd	6	35.63	340

Driver	Colour	3000K	4000K
EL.	○	<b>1T6258EL</b>	<b>1T6259EL</b>
EL.	●	<b>1T6262EL</b>	<b>1T6263EL</b>
EL.	◐	<b>1T6260EL</b>	<b>1T6261EL</b>
DALI	○	<b>1T6258DA</b>	<b>1T6259DA</b>
DALI	●	<b>1T6262DA</b>	<b>1T6263DA</b>
DALI	◐	<b>1T6260DA</b>	<b>1T6261DA</b>

**LED / 286W (325W fixture power) / OPAL + HALO**



	3000K	4000K	3000K	4000K
Beam	63°			
Fixture Power	279W	3	3.08	786J
Mounting Fix	66/753mm	3	4.17	1024
Fixture Size	21218mm	4	9.16	813
Efficiency	81lm/W	4	17.25	483
Max	7000cd	6	35.63	408

Driver	Colour	3000K	4000K
EL.	○	<b>1T6264EL</b>	<b>1T6265EL</b>
EL.	●	<b>1T6268EL</b>	<b>1T6269EL</b>
EL.	◐	<b>1T6266EL</b>	<b>1T6267EL</b>
DALI	○	<b>1T6264DA</b>	<b>1T6265DA</b>
DALI	●	<b>1T6268DA</b>	<b>1T6269DA</b>
DALI	◐	<b>1T6266DA</b>	<b>1T6267DA</b>

**Note**

HALO Version: for the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

DIRECT/INDIRECT VERSION: Fitted with separate switches. Three different light effects available: direct light, indirect light and mixed direct/indirect light.

Check mounting instructions to verify the quantity of DALI drivers installed.

# THREESIXTY

## Related codes

Suspension			
L	Colour	Code	
2000		<b>1T6282</b>	
4000		<b>1T6285</b>	

Suspension kit composed of 3 steel cables with an ABS control system.  
Suspension kit compatible with ceiling or wall installations, even inclined.

Power Supply Kit			
Driver	Colour	Code	
EL.		<b>1T6288EL</b>	
EL.		<b>1T6289EL</b>	
EL.		<b>1T6290EL</b>	
DALI		<b>1T6288DA</b>	
DALI		<b>1T6289DA</b>	
DALI		<b>1T6290DA</b>	

Accessory for suspension installation composed of a canopy and 3 or 5 poles complete with a 4000mm power cable.

## Accessories

Control systems	
Code	
	<b>1T5349</b>

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.

Code	
	<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.



# PANTHEON

## GENERAL INFO

Direct or diffused LED light pendant fixture.  
Ceiling only for Ø700 version  
Ø400mm – Ø600mm – Ø700mm

## LED

LED 230V module  
From 708lm to 1865lm  
3000K  
Ra84

## PRODUCT EFFICACY

Up to 93 lm/W

## OPTICS

WFL for Pantheon Ø400  
VWFL for Pantheon Ø600 and Ø700

## POWER SUPPLY

No driver necessary  
Casambi control system available by using a dedicated accessory (230Vac LED module max 150W).

## MATERIAL

PANTHEON 400  
Painted spun aluminium body. Integrated heat dissipator in die-cast aluminium.

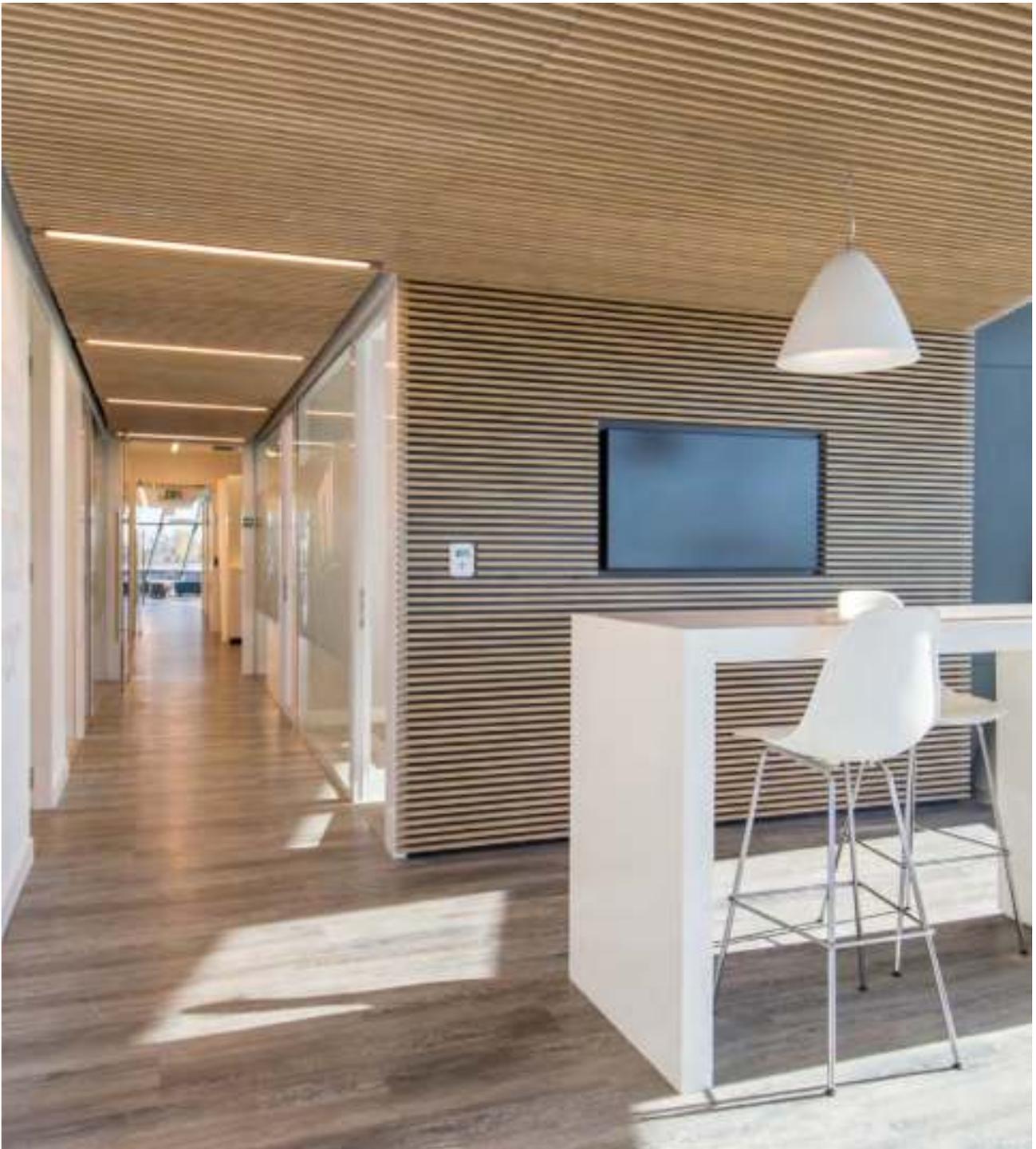
## PANTHEON 600 AND 700

Body in matt white shockproof PE obtained from rotational moulding. UV protection. 100% recyclable and solution-dyed. Integrated heat dissipator in die-cast aluminium.

This smooth and seemingly weightless suspension fixture combines high impact pure design with efficiency and a quality lighting effect.

It is available in three different sizes and two different materials. There is a small aluminium version, and a medium and large version in 100% recyclable, lightweight polyethylene. PANTHEON 600 and 700 are available with a translucent lens cap for a diffused emission or an opaque lens cap for direct light only.





## Zonamerica

**Architect**  
Estudio Dovat  
Arquitectos

**Lighting Design**  
Estudio Hofstadter

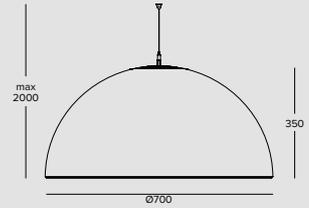
**Photographer**  
Ferrés - Cánepa

**Country**  
Montevideo,  
Uruguay

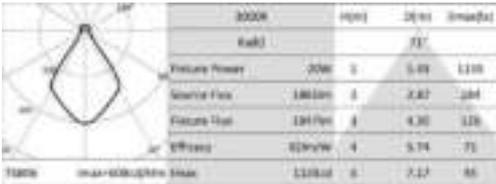
# PANTHEON



Ø 700mm

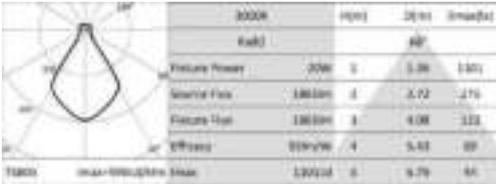


**LED / 20W / DIRECT / VWFL** ☐ 5.2 IP20



Power supply	Colour	3000K
220-240Vac	○	<b>1T4049</b>

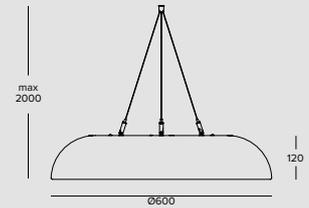
**LED / 20W / DIFFUSE / WFL** ☐ 5.2 IP20



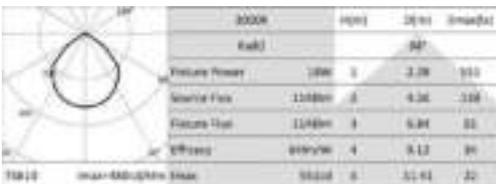
Power supply	Colour	3000K
220-240Vac	○	<b>1T4050</b>



Ø 600mm Suspension



**LED / 18W / DIRECT / VWFL** ☐ 5.6 IP20



Power supply	Colour	3000K
220-240Vac	○	<b>1T4052</b>

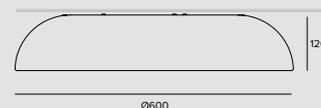
**LED / 18W / DIFFUSE / VWFL** ☐ 5.6 IP20



Power supply	Colour	3000K
220-240Vac	○	<b>1T4051</b>



## Ø 600mm Ceiling mounted



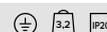
### LED / 18W / DIRECT / VWFL



Beam Angle	3000K	4000K	5000K	6000K
10°	1000	1000	1000	1000
15°	1500	1500	1500	1500
20°	2000	2000	2000	2000
25°	2500	2500	2500	2500
30°	3000	3000	3000	3000
35°	3500	3500	3500	3500
40°	4000	4000	4000	4000
45°	4500	4500	4500	4500
50°	5000	5000	5000	5000
55°	5500	5500	5500	5500
60°	6000	6000	6000	6000
65°	6500	6500	6500	6500
70°	7000	7000	7000	7000
75°	7500	7500	7500	7500
80°	8000	8000	8000	8000
85°	8500	8500	8500	8500
90°	9000	9000	9000	9000

Power supply	Colour	3000K
220-240Vac	○	<b>1T4054</b>

### LED / 18W / DIFFUSE / VWFL



Beam Angle	3000K	4000K	5000K	6000K
10°	1000	1000	1000	1000
15°	1500	1500	1500	1500
20°	2000	2000	2000	2000
25°	2500	2500	2500	2500
30°	3000	3000	3000	3000
35°	3500	3500	3500	3500
40°	4000	4000	4000	4000
45°	4500	4500	4500	4500
50°	5000	5000	5000	5000
55°	5500	5500	5500	5500
60°	6000	6000	6000	6000
65°	6500	6500	6500	6500
70°	7000	7000	7000	7000
75°	7500	7500	7500	7500
80°	8000	8000	8000	8000
85°	8500	8500	8500	8500
90°	9000	9000	9000	9000

Power supply	Colour	3000K
220-240Vac	○	<b>1T4053</b>

## Accessories

### Canopy



Colour Code

○ **1T3978**

### Control systems



Code

**1T5351**

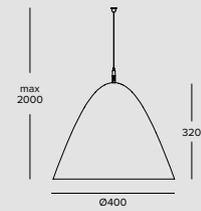
Canopy.

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies. It can manage systems with a maximum absorption of 150W. The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches. IP20

# PANTHEON



Ø 400mm



LED / 10W / WFL							
	3000K	4000	5000	Power supply	Colour	3000K	
	Kraft		MP	220-240Vac	<input type="radio"/>	<b>1T4055</b>	
	Fixture Power	10W	3	5.14	220-240Vac	<input checked="" type="radio"/>	<b>1T4056</b>
	Mounting Hole	70mm	4	2.28			
	Fixture Size	160mm	3	0.82			
Efficiency	71lm/w	4	4.38				
15/18	max 1.27m (4ft 2in)	max	0.57m				

## Accessories

Canopy	
Colour	Code
<input type="radio"/>	<b>1T3978</b>
<input checked="" type="radio"/>	<b>1T5430</b>

Canopy.

Control systems	
Code	
	<b>1T5351</b>

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies.

It can manage systems with a maximum absorption of 150W.

The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20



# Dermalogica

**Architect**  
Limeblue

**Lighting Design**  
Normalite

**Photographer**  
Limeblue

**Country**  
London,  
UK

# CCTLED PENDANT

## GENERAL INFO

Suspension with diffused downlight for high output LED lamps.  
Ø317mm

## LED

Chip on Board  
From 2756lm to 3755lm  
3000K – 4000K  
Ra84  
Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.  
Ra97 on request

## PRODUCT EFFICACY

Up to 80lm/W

## OPTICS

FL

## POWER SUPPLY

Electronic – DALI - Emergency - DALI Emergency  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Black painted metal canopy and black painted die-cast aluminium heat sink. Microprismatic transparent polycarbonate dome refractor optic.

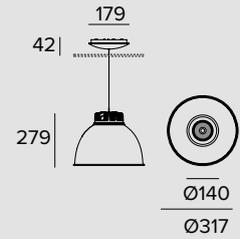
A professional suspension fixture from the CCTLED range. Available with a faceted transparent polycarbonate optic for diffused lighting, complete with micro prismatic dome refractor to screen the source and to distribute the light softly.

Used together with the recessed version makes it possible to maintain the same effect and the same family feeling but with different installation types.





## Ambient

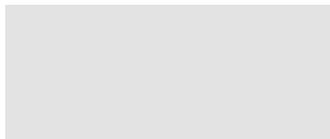


LED / 18W / FL						±	IP20
	3000K	4000K	20°	3000K	4000K		
	Kali		20°				
	Fixture Power	20W	2	0.73	2337		
	Mounting Flex	175mm	4	0.82	888		
	Fixture Size	180mm	4	2.12	300		
Efficiency	82lm/W	4	0.83	272			
18722	Smart-LED-18W-FL-3000K	2337	4	0.84	218		
			Kg	Certificate	Driver	3000K	4000K
			2	ENEC	EL.	<b>1T3274</b>	<b>1T3275</b>
			2	ENEC	DALI	<b>1T3298</b>	<b>1T3299</b>
			2.7		EL. EM.	<b>1T3322</b>	<b>1T3323</b>
			2.7		DALI EM.	<b>1T3346</b>	<b>1T3347</b>

LED / 25W / FL						±	IP20
	3000K	4000K	20°	3000K	4000K		
	Kali		20°				
	Fixture Power	25W	2	0.73	2662		
	Mounting Flex	180mm	4	0.82	816		
	Fixture Size	220mm	4	2.12	607		
Efficiency	86lm/W	4	0.83	279			
18723	Smart-LED-25W-FL-3000K	2662	4	0.84	246		
			Kg	Certificate	Driver	3000K	4000K
			2	ENEC	EL.	<b>1T3272</b>	<b>1T3273</b>
			2	ENEC	DALI	<b>1T3296</b>	<b>1T3297</b>
			2.7		EL. EM.	<b>1T3320</b>	<b>1T3321</b>
			2.7		DALI EM.	<b>1T3344</b>	<b>1T3345</b>

## Accessories

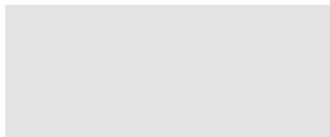
### Decorative Ring



Colour	Code
●	<b>1T4061</b>
○	<b>1T4062</b>

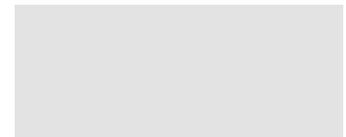
Dissipator cover.

### Control systems



Code
<b>1T5349</b>

Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.



Code
<b>1T5352</b>

IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# CCTLED TUBE

## GENERAL INFO

Ceiling-mounted, pendant, wall-mounted or track-mounted luminaire for high output LED sources.

Ø180mm

## LED

Chip on board

From 2269lm to 4462lm

3000K – 4000K

Ra84

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code

Ra97 on request.

## PRODUCT EFFICACY

Up to 118lm/W

## OPTICS

SMART HE – TECH – FEEL – DEEP

## POWER SUPPLY

Electronic – DALI - Emergency - DALI Emergency

Controllo Casambi: versioni DALI dotate di appositi accessori.

## MATERIAL

Painted aluminium body. Painted polycarbonate decorative squared ring. Black painted die-cast aluminium internal frame and heat sink.

Belongs to the CCTLED range with different installation solutions: ceiling, suspension, wall and track. It also comes in the same power supply and optics in order to use the same fixture in an entire project. The same uniform quality effect with different installation solutions.





# Basilica of the Sacred Heart

**Country**  
Grenoble - France

## 01 CCTLED Tube



The same optical solutions in the “downlight” version

SMART, TECH, FEEL as well as a DEEP high performance version. Optics for a variety of environments from retail, hospitality right up to offices with the DEEP optic for heights of more than 6 metres.



## Almacruz Hotel

**Lighting Design**  
Katerina Jofre

**Photographer**  
Nicolás Saieh

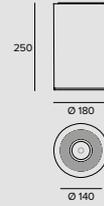
**Country**  
Santiago - Chile

**Project**  
Mas Fernades  
arquitectos  
asociados

# CCTLED TUBE



## Smart Facetted



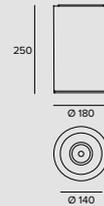
LED / 18W / FACETTED / VWFL						±	IP20
	3000K	4000K	20lm	30lm	30lm		
Kg							
Certificate	ENEC	ENEC	EL.	EL.	EL.	3000K	4000K
Driver			DALI	DALI	DALI	<b>1T3162</b>	<b>1T3163</b>
Colour			○	○	○	<b>1T3182</b>	<b>1T3183</b>
	2	2.5	EL. EM.	EL. EM.	EL. EM.	<b>1T3202</b>	<b>1T3203</b>
	2.5		DALI EM.	DALI EM.	DALI EM.	<b>1T3222</b>	<b>1T3223</b>



LED / 25W / FACETTED / VWFL						±	IP20
	3000K	4000K	20lm	30lm	30lm		
Kg							
Certificate	ENEC	ENEC	EL.	EL.	EL.	3000K	4000K
Driver			DALI	DALI	DALI	<b>1T3174</b>	<b>1T3175</b>
Colour			○	○	○	<b>1T3194</b>	<b>1T3195</b>
	2	2.5	EL. EM.	EL. EM.	EL. EM.	<b>1T3214</b>	<b>1T3215</b>
	2.5		DALI EM.	DALI EM.	DALI EM.	<b>1T3234</b>	<b>1T3235</b>



## Smart Matt



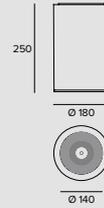
LED / 18W / MATT / VWFL						±	IP20
	3000K	4000K	20lm	30lm	30lm		
Kg							
Certificate	ENEC	ENEC	EL.	EL.	EL.	3000K	4000K
Driver			DALI	DALI	DALI	<b>1T3164</b>	<b>1T3165</b>
Colour			○	○	○	<b>1T4455</b>	
	2	2	DALI	DALI	DALI	<b>1T3184</b>	<b>1T3185</b>
	2	2.5	DALI	DALI	DALI	<b>1T4457</b>	
	2.5		EL. EM.	EL. EM.	EL. EM.	<b>1T3204</b>	<b>1T3205</b>
	2.5		DALI EM.	DALI EM.	DALI EM.	<b>1T3224</b>	<b>1T3225</b>



LED / 25W / MATT / VWFL						±	IP20
	3000K	4000K	20lm	30lm	30lm		
Kg							
Certificate	ENEC	ENEC	EL.	EL.	EL.	3000K	4000K
Driver			DALI	DALI	DALI	<b>1T3176</b>	<b>1T3177</b>
Colour			○	○	○	<b>1T4456</b>	
	2	2	DALI	DALI	DALI	<b>1T3196</b>	<b>1T3197</b>
	2	2	DALI	DALI	DALI	<b>1T4458</b>	
	2.5		EL. EM.	EL. EM.	EL. EM.	<b>1T3216</b>	<b>1T3217</b>
	2.5		DALI EM.	DALI EM.	DALI EM.	<b>1T3236</b>	<b>1T3237</b>



## Tech Secondary faceted



### LED / 15W / FACETTED / WFL



Kg	Certificate	Driver	Colour	3000K	4000K
2	ENEC	EL.	○	<b>1T3166</b>	<b>1T3167</b>
2	ENEC	DALI	○	<b>1T3186</b>	<b>1T3187</b>
2.5		EL. EM.	○	<b>1T3206</b>	<b>1T3207</b>
2.5		DALI EM.	○	<b>1T3226</b>	<b>1T3227</b>

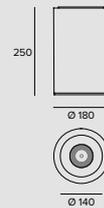
### LED / 21W / FACETTED / WFL



Kg	Certificate	Driver	Colour	3000K	4000K
2	ENEC	EL.	○	<b>1T3178</b>	<b>1T3179</b>
2	ENEC	DALI	○	<b>1T3198</b>	<b>1T3199</b>
2.5		EL. EM.	○	<b>1T3218</b>	<b>1T3219</b>
2.5		DALI EM.	○	<b>1T3238</b>	<b>1T3239</b>



## Tech Secondary matt



### LED / 15W / MATT / WFL



Kg	Certificate	Driver	Colour	3000K	4000K
2	ENEC	EL.	○	<b>1T3168</b>	<b>1T3169</b>
2	ENEC	EL.	●	<b>1T4459</b>	
2	ENEC	DALI	○	<b>1T3188</b>	<b>1T3189</b>
2	ENEC	DALI	●	<b>1T4461</b>	
2.5		EL. EM.	○	<b>1T3208</b>	<b>1T3209</b>
2.5		DALI EM.	○	<b>1T3228</b>	<b>1T3229</b>

### LED / 21W / MATT / WFL

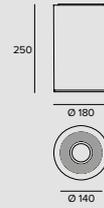


Kg	Certificate	Driver	Colour	3000K	4000K
2	ENEC	EL.	○	<b>1T3180</b>	<b>1T3181</b>
2	ENEC	EL.	●	<b>1T4460</b>	
2	ENEC	DALI	○	<b>1T3200</b>	<b>1T3201</b>
2	ENEC	DALI	●	<b>1T4462</b>	
2.5		EL. EM.	○	<b>1T3220</b>	<b>1T3221</b>
2.5		DALI EM.	○	<b>1T3240</b>	<b>1T3241</b>

# CCTLED TUBE



**Feel Facetted**



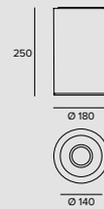
**LED / 14W / FACETTED / VWFL** ⊕ IP20

	3000K	4000K	5000K	6000K			
Beam					70°		
Fixture Power	12W	5	5.00	9W			
Mounting Fix	1200mm	5	2.56	240			
Fixture Size	1412mm	5	4.14	200			
Efficiency	80lm/W	4	5.01	80			
Beam	1200mm	5	7.50	80			

Kg	Certificate	Driver	Colour	3000K	4000K
2	ENEC	EL.	○	<b>1T3170</b>	<b>1T3171</b>
2	ENEC	DALI	○	<b>1T3190</b>	<b>1T3191</b>
2.5		EL. EM.	○	<b>1T3210</b>	<b>1T3211</b>
2.5		DALI EM.	○	<b>1T3230</b>	<b>1T3231</b>



**Feel Matt**



**LED / 14W / MATT / WFL** ⊕ IP20

	3000K	4000K	5000K	6000K			
Beam					70°		
Fixture Power	12W	5	5.01	9W			
Mounting Fix	1200mm	5	2.52	215			
Fixture Size	1200mm	5	4.11	200			
Efficiency	80lm/W	4	5.54	80			
Beam	1200mm	5	7.05	80			

Kg	Certificate	Driver	Colour	3000K	4000K
2	ENEC	EL.	○	<b>1T3172</b>	<b>1T3173</b>
2	ENEC	EL.	●	<b>1T4463</b>	
2	ENEC	DALI	○	<b>1T3192</b>	<b>1T3193</b>
2	ENEC	DALI	●	<b>1T4464</b>	
2.5		EL. EM.	○	<b>1T3212</b>	<b>1T3213</b>
2.5		DALI EM.	○	<b>1T3232</b>	<b>1T3233</b>



# CCTLED TUBE



Driver	Colour	Code
EL./EL. EM.	○	<b>1T3452</b>
DALI	○	<b>1T3453</b>
EL./EL. EM.	●	<b>1T4478</b>
DALI	●	<b>1T4479</b>
DALI EM.	○	<b>1T3454</b>

Wall mounting kit for double emission.



Driver	Colour	Code
EL.	○	<b>1T0130</b>
DALI	○	<b>1T0130DA</b>
EL.	●	<b>1T4465</b>

Eurostandard Plus track kit.



Driver	Colour	Code
EL.	○	<b>1T7402</b>

Eurostandard Plus track suspension kit.

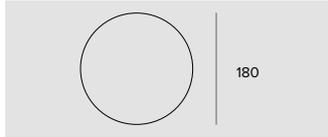


Driver	Colour	Code
DALI	○	<b>1T3242DA</b>

Eurostandard Plus track suspension kit.

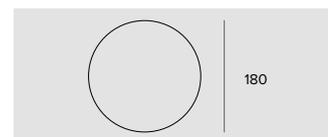
# Accessories

## Decorative Ring



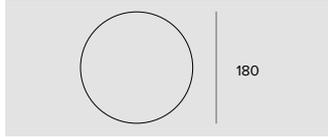
Ø	Colour	Code
180	○	<b>1T3248</b>

Round ring.



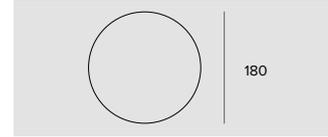
Ø	Colour	Code
180	○	<b>1T3249</b>

Square ring with micro prismatic diffusive screen.



Ø	Colour	Code
180	○	<b>1T3250</b>

Square ring with external silk screen printed screen.



Ø	Colour	Code
180	○	<b>1T3251</b>

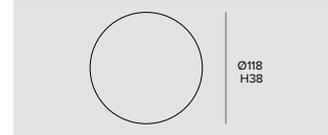
XL ring.  
For the TECH version.

## Adapter



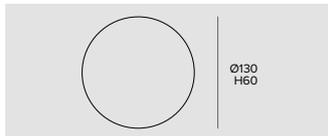
Ø	H	Driver	Colour	Code
100	32	EL.	○	<b>1T2221</b>
100	32	EL.	●	<b>1T2220</b>
100	32	EL.	●	<b>1T2219</b>

Ceiling mounting adapter for electrified track type projectors.



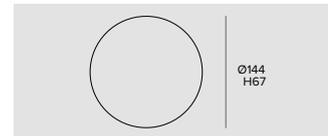
Ø	H	Driver	Colour	Code
118	38	DALI	○	<b>9000/BPU-D-W</b>
118	38	DALI	●	<b>9000/BPU-D-B</b>
118	38	DALI	●	<b>9000/BPU-D-G</b>

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	○	<b>1T2223</b>
Ø105/125	130	60	EL.	●	<b>1T2222</b>
Ø105/125	130	60	EL.	●	<b>1T2224</b>

Recessed mounting adapter for electrified track type projectors.  
**1T2222** - To be completed with 1T2220.  
**1T2223** - To be completed with 1T2221.  
**1T2224** - To be completed with 1T2219.



Cutout hole	Ø	H	Driver	Colour	Code
Ø125/130	144	67	DALI	○	<b>9000/BRU-W</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-B</b>
Ø125/130	144	67	DALI	●	<b>9000/BRU-G</b>

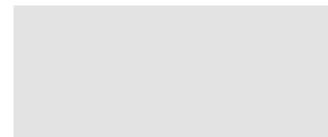
Recessed mounting adapter for electrified track type projectors.  
**9000/BRU-G** - To be completed with 9000/BPU-D-G.  
**9000/BRU-W** - To be completed with 9000/BPU-D-W.  
**9000/BRU-B** - To be completed with 9000/BPU-D-B.

## Control systems



Code  
**1T5349**

Wireless control unit for DALI fixtures.  
 It generates a local DALI bus that can control individual fixtures.  
 The module can be connected to an existing DALI network.  
 The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
 The devices create a wireless mesh network that can control up to 128 fixtures.  
 IP20.



Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
 It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
 Can control DALI fixtures in indoor applications.  
 It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# BEBOP

## Ceiling / Suspension

### GENERAL INFO

LED pendant and ceiling mounted for direct diffuse lighting.  
Ø90mm

### LED

Chip on board  
From 1706lm to 1750lm  
3000K – 4000K  
Ra84  
Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 91lm/W

### OPTICS

MWFL - WFL

### POWER SUPPLY

Electronic – DALI

### MATERIAL

Painted aluminium body. Painted polycarbonate front element. Die-cast aluminium finned internal heat sink.

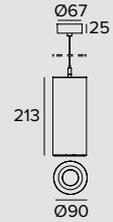
A range of high performance products characterised by simple, soft and rounded lines. Available in three different versions for ceiling mounted, suspension and recessed installation.

In all versions the LED lamps are retracted and hidden from view to ensure optimum visual comfort. The flexible installation makes it possible to use the same type of light in environments with different architectural characteristics.





## Suspension



### LED / 13W / MWFL



	3000K	4000K	5000K	6000K
Beam	48°			
Fixture Power	13W	13W	13W	13W
Source Flux	1750lm	1750lm	1750lm	1750lm
Fixture Flux	1300lm	1300lm	1300lm	1300lm
Efficiency	80%	80%	80%	80%
TM2022	max=100%	max=100%	max=100%	max=100%

Driver	Colour	3000K	4000K
EL.	○	<b>1T4764EL</b>	<b>1T4765EL</b>
EL.	●	<b>1T5418EL</b>	<b>1T5419EL</b>

### LED / 13W / WFL

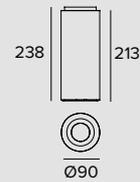


	3000K	4000K	5000K	6000K
Beam	48°			
Fixture Power	13W	13W	13W	13W
Source Flux	1750lm	1750lm	1750lm	1750lm
Fixture Flux	1300lm	1300lm	1300lm	1300lm
Efficiency	80%	80%	80%	80%
TM2022	max=100%	max=100%	max=100%	max=100%

Driver	Colour	3000K	4000K
EL.	○	<b>1T4762EL</b>	<b>1T4763EL</b>
EL.	●	<b>1T5420EL</b>	<b>1T5421EL</b>



## Ceiling



### LED / 13W / MWFL



	3000K	4000K	5000K	6000K
Beam	48°			
Fixture Power	13W	13W	13W	13W
Source Flux	1750lm	1750lm	1750lm	1750lm
Fixture Flux	1300lm	1300lm	1300lm	1300lm
Efficiency	80%	80%	80%	80%
TM2022	max=100%	max=100%	max=100%	max=100%

Driver	Colour	3000K	4000K
EL.	○	<b>1T4768EL</b>	<b>1T4769EL</b>
EL.	●	<b>1T5414EL</b>	<b>1T5415EL</b>

### LED / 13W / WFL



	3000K	4000K	5000K	6000K
Beam	48°			
Fixture Power	13W	13W	13W	13W
Source Flux	1750lm	1750lm	1750lm	1750lm
Fixture Flux	1300lm	1300lm	1300lm	1300lm
Efficiency	80%	80%	80%	80%
TM2022	max=100%	max=100%	max=100%	max=100%

Driver	Colour	3000K	4000K
EL.	○	<b>1T4766EL</b>	<b>1T4767EL</b>
EL.	●	<b>1T5416EL</b>	<b>1T5417EL</b>

# GLOBO

## GENERAL INFO

Diffused emission suspension fixture for halogen, LED lamp or compact fluorescent lamps with E27 lamp holder.  
Ø350mm

## LED

Lamp not included

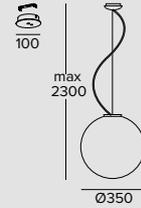
## MATERIAL

Metal frame and opaline glass diffuser.

Diffused emission suspension fixture. The high quality opaline glass diffuser ensure maximum light diffusion and perfect distribution over surfaces

It can be fitted with any type of lamp with an E27 adapter including LED.





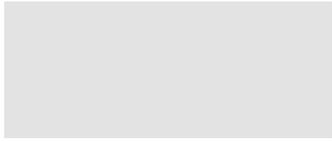
**FLUO/HAL/LED / max 100W** ⊕ 2.3 IP20



Power supply	Colour	Code
220-240Vac	<span style="color: #00AEEF;">●</span>	<b>344540</b>

## Accessories

**Control systems**



Code

**1T5351**

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies. It can manage systems with a maximum absorption of 150W. The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20

# WASABI

## GENERAL INFO

Diffused LED light suspension fixture.  
Ø103mm – Ø125mm – Ø163mm

## LED

LED module 230V  
From 806lm to 825lm  
3000K  
Ra80

## PRODUCT EFFICACY

Up to 60lm/W

## OPTICS

MWFL

## POWER SUPPLY

Electronic  
Casambi control system available by using a dedicated  
accessory (230Vac LED module max 150W).

## MATERIAL

Satin polished and painted heat dissipator.  
Diffuser in glazed opal glass.

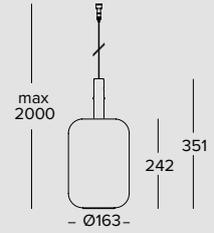
A suspension fixture with soft lines inspired by the orient that combines the lightness of glass with the technology in the LED module as well as the particular heatsink with a shape inspired by nature.

No driver necessary thanks to the 230V LED module for maximum installation flexibility. Available in three different sizes.





Ø 163mm



LED / 13W



3000K	4000K	5000K	6000K
163	163	163	163
163	163	163	163
163	163	163	163
163	163	163	163
163	163	163	163
163	163	163	163
163	163	163	163
163	163	163	163
163	163	163	163

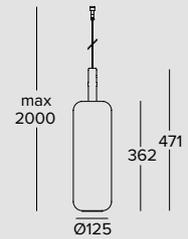
Power supply      Colour      3000K

220-240Vac      ○      **1T3979**

220-240Vac      ●      **1T3980**



Ø 125mm



LED / 13W



3000K	4000K	5000K	6000K
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125
125	125	125	125

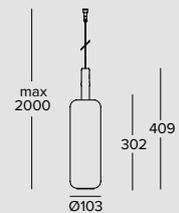
Power supply      Colour      3000K

220-240Vac      ○      **1T3991**

220-240Vac      ●      **1T3992**



Ø 103mm



LED / 13W



3000K	4000K	5000K	6000K
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103
103	103	103	103

Power supply      Colour      3000K

220-240Vac      ○      **1T3985**

220-240Vac      ●      **1T3986**

Canopy



Colour      Code

○      **1T3978**

●      **1T5430**

Canopy.

# DECANTER

## GENERAL INFO

LED suspension for direct diffuse lighting.  
Ø170mm – Ø320mm – Ø480mm

## LED

Circular LED board  
From 264lm to 1553lm  
3000K  
Ra84

## PRODUCT EFFICACY

Up to 104lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic

## MATERIAL

Disc made of Baydur® (large and medium models) or aluminium (small version). Aluminium stem and decorative canopy matt painted. Microprismatic diffuser in transparent PMMA. Painted decorative canopy.

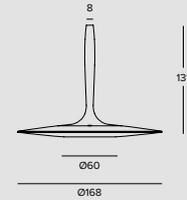
Its sinuous shape is the result of research into innovative materials and moulding techniques that make it possible to obtain extremely thin thicknesses; the result is a light suspension fixture with excellent mechanical resistance.

The special micro prismatic screen ensures perfect, particularly homogeneous light diffusion that is comfortable to the eye. Available in three different sizes, from extremely small for decorative light up to an excellent light on work surfaces.





Ø 170mm



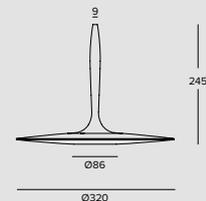
**LED / 4W / VWFL** ± 1 IP20

	3000K	H(m)	D(m)	Area(m²)
Kahl			87°	
Fixture Power	4W	3	0.79	140
Mounting Pole	280mm	3	0.36	65
Fixture Size	280mm	3	0.34	65
Efficiency	140lm/W	4	7.12	9
T826	max=6400lm	max	1400	0

Driver	Colour	3000K
EL.	○	<b>1T4076</b>
EL.	●	<b>1T4077</b>



Ø 320mm



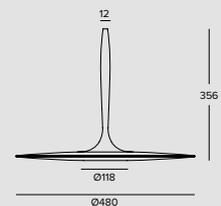
**LED / 9W / VWFL** ± 2,4 IP20

	3000K	H(m)	D(m)	Area(m²)
Kahl			87°	
Fixture Power	9W	3	0.79	140
Mounting Pole	320mm	3	0.34	65
Fixture Size	320mm	3	0.35	65
Efficiency	120lm/W	4	7.00	10
T827	max=6400lm	max	2900	0

Driver	Colour	3000K
EL.	○	<b>1T4082</b>
EL.	●	<b>1T4083</b>



Ø 480mm



**LED / 13W / VWFL** ± 5,4 IP20

	3000K	H(m)	D(m)	Area(m²)
Kahl			87°	
Fixture Power	13W	3	0.80	160
Mounting Pole	320mm	3	0.36	65
Fixture Size	320mm	3	0.36	65
Efficiency	134lm/W	4	7.01	10
T828	max=6400lm	max	3500	0

Driver	Colour	3000K
EL.	○	<b>1T4088</b>
EL.	●	<b>1T4089</b>

# MONETA

## Ceiling and suspension luminaire

### GENERAL INFO

Direct emission ceiling and suspension fixture for LED dimmable.

Ø140mm

### LED

LED module 230V

871lm

3000K

Ra90

### PRODUCT EFFICACY

51lm/W

### OPTICS

VWFL

### POWER SUPPLY

No driver necessary

Casambi control system available by using a dedicated accessory (230Vac LED module max 150W).

### MATERIAL

Matt painted aluminium body complete with opaline polycarbonate diffuser.

A range of products with three different versions for three different installation types: ceiling mounted, suspension and wall mounted.

Just over 3cm thick to exploit the potential of the LED lamp to the full; compact size, excellent performance, low consumption and no driver make this a product where aesthetics and technology combine.

No driver necessary thanks to the 230V LED module for maximum installation flexibility.

Available also in wall mounted version.

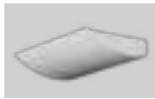




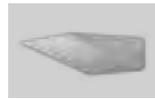
Indoor

**Wall mounted  
luminaires**

# Wall mounted luminaires



**518**  
**FLOOD**



**520**  
**HALL**



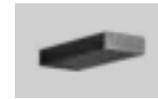
**522**  
**SLIM**



**524**  
**MINIMINIMA**



**526**  
**MONETA**



**528**  
**BRAQUE**



**530**  
**BOTTONE**



**532**  
**OSIRIDE**



**538**  
**PROFESSIONAL**



# FLOOD

## GENERAL INFO

Wall mounted fixture with indirect light emission for LED sources.  
224x330mm  
224x700mm

## LED

Linear boards  
From 2610lm to 5220lm  
3000K  
Ra80  
Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

## PRODUCT EFFICACY

Up to 119lm/W

## OPTICS

VWFL

## POWER SUPPLY

DALI  
Casambi control: the DALI version is fitted with special accessories.

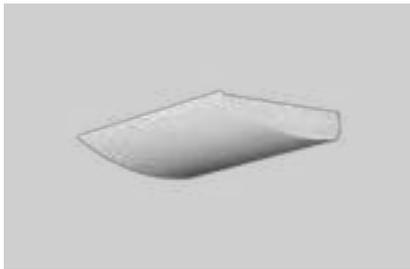
## MATERIAL

Painted metal body. Transparent protective screen.

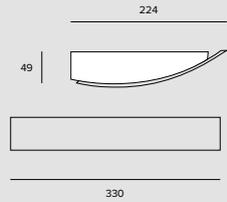
Wall mounted fixture with indirect light available in two different lengths with two different power supplies for soft and comfortable indirect light. It is suitable for lighting small and large spaces.



Design Daniel Bernard



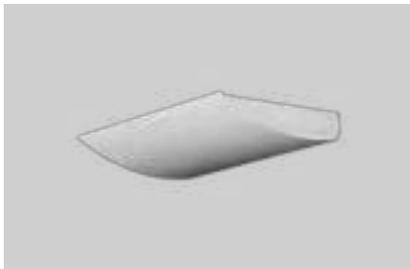
**L. 330mm**



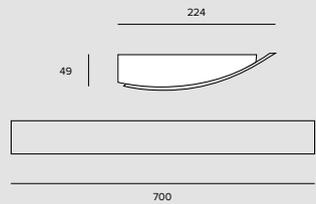
**LED / 18W / VWFL** ⊕ 3 IP20

3000K	4000K	5000K	6000K
6x63	6x63	6x63	6x63
Fixture Power	18W	18W	18W
Mounting Hole	30.5mm	30.5mm	30.5mm
Fixture Size	181.2mm	181.2mm	181.2mm
Efficiency	120lm/W	120lm/W	120lm/W
Beam Angle	60°	60°	60°

Driver	Colour	3000K
DALI	○	<b>1T4512</b>
DALI	●	<b>1T4514</b>



**L. 700mm**



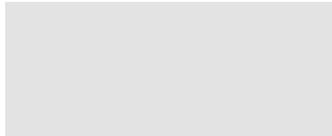
**LED / 36W / VWFL** ⊕ 3,9 IP20

3000K	4000K	5000K	6000K
6x63	6x63	6x63	6x63
Fixture Power	36W	36W	36W
Mounting Hole	30.5mm	30.5mm	30.5mm
Fixture Size	181.2mm	181.2mm	181.2mm
Efficiency	120lm/W	120lm/W	120lm/W
Beam Angle	60°	60°	60°

Driver	Colour	3000K
DALI	○	<b>1T4513</b>
DALI	●	<b>1T4515</b>

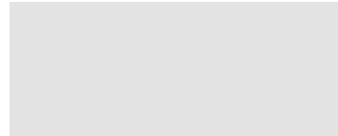
## Accessories

**Control systems**



Code  
**1T5349**

Wireless control unit for DALI fixtures. It generates a local DALI bus that can control individual fixtures. The module can be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology. The devices create a wireless mesh network that can control up to 128 fixtures. IP20.



Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# HALL

## GENERAL INFO

Wall mounted fixture with indirect light emission for LED sources.

297x330x112mm

## LED

LED Low Power High Efficiency Linear boards

5160lm

3000K

Ra80

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

## PRODUCT EFFICACY

111lm/W

## OPTICS

ASYM

## POWER SUPPLY

DALI - Casambi on board

## MATERIAL

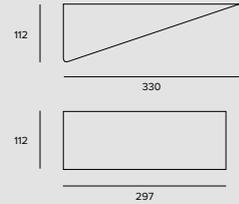
Painted metal body. Diffuse protective screen.

Professional applique with indirect light emission with an asymmetrical optic. The strongly asymmetric emission allows for deep indirect lighting of large spaces.

Used on its own it is capable of producing soft and comfortable light: combined with direct lighting on the other hand it balances and improves visual comfort throughout the space.



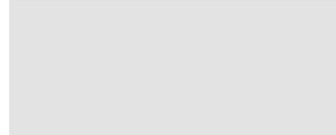
Design Daniel Bernard



LED / 36W / ASYMMETRICAL		⊕	3.6	IP20				
	3000K	4000	3	0.52	0.27	0.070		
	4000K	4000	3	0.52	0.27	0.070		
	5000K	4000	3	0.52	0.27	0.070		
	6000K	4000	3	0.52	0.27	0.070		
	7000K	4000	3	0.52	0.27	0.070		
3000K	4000	3	0.52	0.27	0.070	Driver	Colour	3000K
						DALI	●	<b>1T4499</b>
						DALI	○	<b>1T4506</b>
						DALI	●	<b>1T4507</b>
						CASAMBI	○	<b>1T4499CA</b>

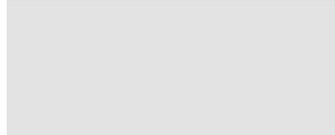
# Accessories

## Control systems



Code  
**1T5349**

Wireless control unit for DALI fixtures.  
It generates a local DALI bus that can control individual fixtures.  
The module can be connected to an existing DALI network.  
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.  
The devices create a wireless mesh network that can control up to 128 fixtures.  
IP20.



Code  
**1T5352**

IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

# SLIM

## Wall mounted

### GENERAL INFO

Indirect or direct/indirect modular wall mounted luminaire for LED sources.  
638x26x80  
1238x26x80

### LED

Linear LED boards Low Power High efficiency  
From 1720lm to 6880lm  
3000K  
Ra84

### PRODUCT EFFICACY

Up to 112lm/W

### OPTICS

VWFL

### POWER SUPPLY

Electronic

### MATERIAL

Body made of extruded anodised aluminium.  
Polycarbonate lateral end caps. Lower diffusive screen made of ribbed, extruded opal polycarbonate.  
Transparent polycarbonate upper safety screen.

Compact size minimal modular applique with indirect/direct light emission that disappears into its surroundings leaving space for the architecture and light only.

Also available in a modular system suspension version or stand-alone, as well as a rectangular version that is particularly suitable for lighting open spaces in the office environment. Coordinates with the indirect or direct/indirect light emission wall mounted solution.



Design Daniel Bernard



## Wall L. 638mm



**LED / 12W / INDIRECT / VWFL** ± 1.8 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			137°	
Fixture Power	12W	0	3.13	140
Mounting Pole	1.720m	1	4.38	117
Fixture Size	1362mm	1	9.96	81
Efficiency	112lm/W	4	17.51	91
TS/TL	max=12000lm	max	14700	0
			35.89	22

Driver	Colour	3000K
EL.	●	<b>1T4192</b>

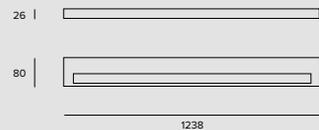
**LED / 24W / DIRECT/INDIRECT / VWFL** ± 1.8 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			95°	
Fixture Power	24W	0	3.13	140
Mounting Pole	1.680m	1	4.27	110
Fixture Size	1367mm	1	9.36	96
Efficiency	82lm/W	4	8.75	81
TS/TL	max=24000lm	max	10900	0
			30.84	20

Driver	Colour	3000K
EL.	●	<b>1T4193</b>



## Wall L. 1238mm



**LED / 24W / INDIRECT / VWFL** ± 3.7 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			137°	
Fixture Power	24W	0	3.13	140
Mounting Pole	1.680m	1	4.38	117
Fixture Size	1323mm	1	9.36	111
Efficiency	112lm/W	4	17.51	96
TS/TL	max=12000lm	max	10900	0
			35.89	22

Driver	Colour	3000K
EL.	●	<b>1T4194</b>

**LED / 48W / DIRECT/INDIRECT / VWFL** ± 3.7 IP20

	3000K	H(m)	D(m)	Area(m²)
Beam			95°	
Fixture Power	48W	0	3.13	140
Mounting Pole	1.680m	1	4.27	110
Fixture Size	1323mm	1	9.36	111
Efficiency	82lm/W	4	8.75	81
TS/TL	max=24000lm	max	10900	0
			30.84	20

Driver	Colour	3000K
EL.	●	<b>1T4195</b>

# MINIMINIMA

## Wall mounted

### GENERAL INFO

Wall mounted fixture for LED sources with indirect or direct/indirect light emission.  
600x50x32mm

### LED

Linear Board LED Low Power High Efficiency

1720lm

3000K

Ra80

Ra90 - To order this version it is necessary to add the suffix "90" at the end of the standard code.

### PRODUCT EFFICACY

Up to 60lm/W

### OPTICS

VWFL

### POWER SUPPLY

Electronic

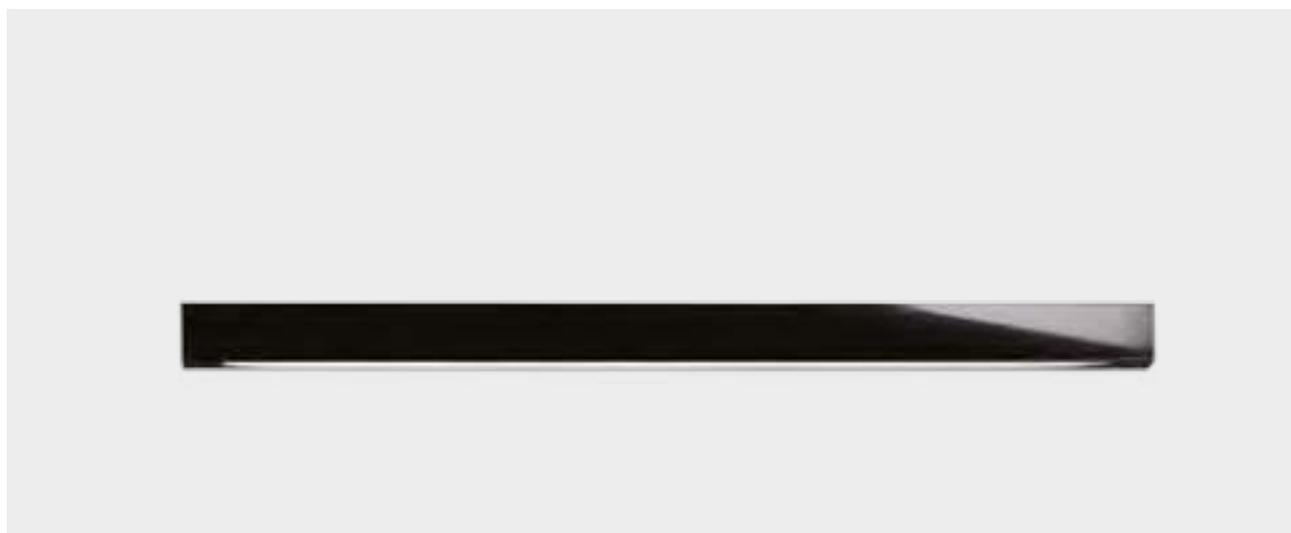
### MATERIAL

Body made of chromed or painted aluminium with opal polycarbonate diffuser.

A unique, thin linear element designed to remove sharp edges without connecting elements and any visible fastening system.

Available in different types to meet different needs: only indirect or combined direct/indirect light emission.

Available in ceiling mounted and suspensions versions.





# Wall



## LED / 12W / INDIRECT / VWFL ⊕ 1.2 IP40



Driver	Colour	3000K
EL.	●	<b>1T4170</b>
EL.	●	<b>1T4171</b>
EL.	○	<b>1T4172</b>
EL.	●	<b>1T4173</b>

## LED / 12W / DIRECT/INDIRECT / VWFL ⊕ 1.3 IP40



Driver	Colour	3000K
EL.	●	<b>1T4174</b>
EL.	●	<b>1T4175</b>
EL.	○	<b>1T4176</b>
EL.	●	<b>1T4177</b>

# MONETA

## Wall mounted

### GENERAL INFO

Wall mounted mono-emission LED fixture.  
Ø140mm

### LED

LED module 230V  
825lm  
3000K  
Ra90

### PRODUCT EFFICACY

46lm/W

### OPTICS

VWFL

### POWER SUPPLY

No driver necessary  
Casambi control system available by using a dedicated  
accessory (230Vac LED module max 150W).

### MATERIAL

Matt painted aluminium body complete with opaline  
polycarbonate diffuser.

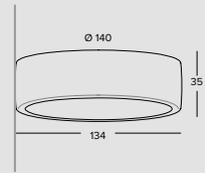
A range of products with three different versions for three different installation types: ceiling mounted, suspension and wall mounted.

Just over 3cm thick to exploit the potential of the LED lamp to the full; compact size, excellent performance, low consumption and no driver make this a product where aesthetics and technology combine.





Wall



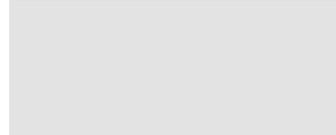
LED / 17W / VWFL ⊕ 1 IP40

3000K	4000K	5000K	6000K
1170	1170	1170	1170
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12

Power supply	Colour	3000K
220-240Vac	○	<b>1T3771</b>
220-240Vac	●	<b>1T3772</b>

## Accessories

### Control systems



Code
<b>1T5351</b>

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies. It can manage systems with a maximum absorption of 150W. The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20

# BRAQUE

## GENERAL INFO

Indirect emission wall mounted LED fixture.  
200x79x29mm  
65x200x29mm

## LED

LED module 230V  
893lm  
3000K  
Ra80

## PRODUCT EFFICACY

65lm/W

## OPTICS

VWFL

## POWER SUPPLY

No driver necessary  
Casambi control system available by using a dedicated accessory (230Vac LED module max 150W).

## MATERIAL

Matt painted aluminium body. Transparent polycarbonate screen.

Metal applique with sharp edges with mains voltage LED lamps. The special type of machining of the piece hollowed out from a solid provides perfect edges without visible joints or screws.

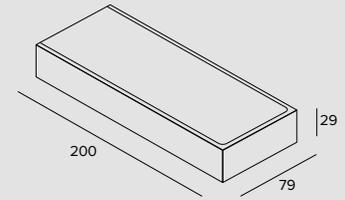
Available in two different sizes and two different installation types.

It doesn't need to the driver.





## Vertical



### LED / 13W / VWFL



	3000K	4000K	5000K	6000K
Code	1T3762	1T3763	1T3764	1T3765
Fixture Power	13W	13W	13W	13W
Source Flux	800lm	800lm	800lm	800lm
Fixture Size	80mm	80mm	80mm	80mm
Efficiency	61lm/W	61lm/W	61lm/W	61lm/W
Beam Angle	40°	40°	40°	40°

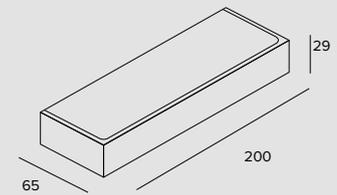
Colour 3000K

○ 1T3762

● 1T3763



## Horizontal



### LED / 13W / VWFL



	3000K	4000K	5000K	6000K
Code	1T3759	1T3760	1T3761	1T3762
Fixture Power	13W	13W	13W	13W
Source Flux	800lm	800lm	800lm	800lm
Fixture Size	80mm	80mm	80mm	80mm
Efficiency	61lm/W	61lm/W	61lm/W	61lm/W
Beam Angle	40°	40°	40°	40°

Colour 3000K

○ 1T3759

● 1T3760

## Accessories

### Control systems



Code

1T5351

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies.

It can manage systems with a maximum absorption of 150W.

The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20

# BOTTONE

## GENERAL INFO

Wall mounted or ceiling mounted LED fixture.  
Ø400mm – Ø320mm – Ø260mm

## LED

Ø260mm version  
LED module 230V  
554lm  
3000K  
Ra80

Ø400mm – Ø320mm

Circular LED board  
From 818lm to 826lm  
3000K  
Ra80

## PRODUCT EFFICACY

Up to 83lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic  
Casambi control system available by using a dedicated  
accessory (230Vac LED module max 150W).

## MATERIAL

Diffuser in glazed opal glass.  
White painted metal mounting plate.

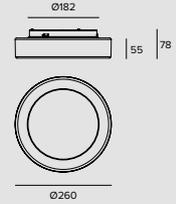
A LED solution for functional yet decorative lighting at the same time.

The combination of mains voltage LED lamps combined with the excellent diffusion of the opal glass, ensures a soft and enveloping emission.





Ø 260mm



LED / 14W / VWFL



		3000K	H(m)	D(m)	Area(m²)
Beam				1.57°	
Fixture Power	14W	0	4.47	220	
Mounting Hole	Ø240mm	1	4.98	83	
Fixture Size	Ø240mm	4	13.43	13	
Efficiency	80lm/W	4	17.85	9	
16,791	max=21,704lm/W	max	22.87	5	

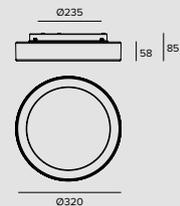
Colour 3000K



1T3997



Ø 320mm



LED / 8W / VWFL



		3000K	H(m)	D(m)	Area(m²)
Beam				1.57°	
Fixture Power	8W	0	4.53	200	
Mounting Hole	Ø240mm	1	4.84	67	
Fixture Size	Ø240mm	4	13.62	13	
Efficiency	80lm/W	4	16.96	12	
16,791	max=21,704lm/W	max	21.88	7	

Driver Colour 3000K

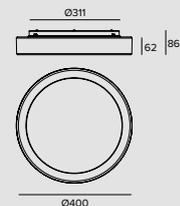
EL.



1T3998



Ø 400mm



LED / 8W / VWFL



		3000K	H(m)	D(m)	Area(m²)
Beam				1.57°	
Fixture Power	8W	0	4.82	200	
Mounting Hole	Ø280mm	1	7.44	55	
Fixture Size	Ø280mm	4	12.42	13	
Efficiency	80lm/W	4	18.21	13	
16,791	max=21,704lm/W	max	20.29	8	

Driver Colour 3000K

EL.



1T3999

# OSIRIDE

## GENERAL INFO

Wall or ceiling mounted fixture for halogen or compact fluorescent lamps or LED version.

Ø200mm – Ø260mm

Ø320mm – Ø400mm – Ø500mm

## LED

LED VERSION

Ø260mm

230V LED module

## Ø320MM – Ø400MM

Circular boards

From 619lm to 993m

3000K

Ra84

## PRODUCT EFFICACY

LED VERSION

Up to 99lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic

Casambi control system available by using a dedicated accessory (230Vac LED module max 150W).

## MATERIAL

White painted metal body and satin opaline white glass diffuser.

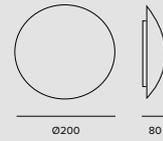
A range of ceiling/wall mounted fixtures in satin opaline white glass. Two different versions: simple with a white frame or more sophisticated with a chrome frame.

Five different sizes that can be equipped with halogen lamps, compact fluorescent lamps or LED lamps with E27 adapters not included or a 230V LED version with the LED lamp included.





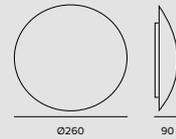
**Ø 200mm**



Power supply	Colour	Code
220-240Vac		<b>323494IP</b>



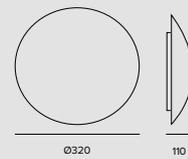
**Ø 260mm**



Power supply	Colour	Code
220-240Vac		<b>323404IP</b>

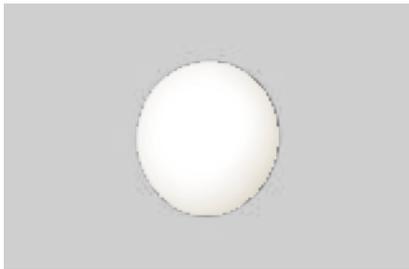


**Ø 320mm**

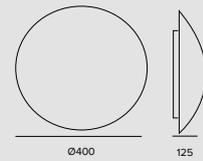


Power supply	Colour	Code
220-240Vac		<b>323414IP</b>

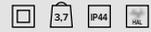
# OSIRIDE



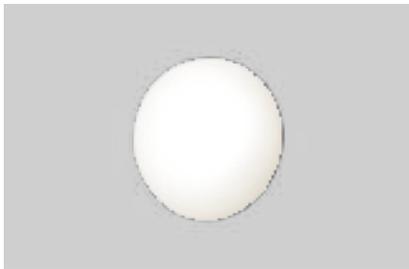
Ø 400mm



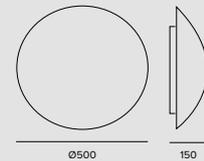
E27 FLUO/HAL/LED / max 2x42W



Power supply	Colour	Code
220-240Vac		<b>323424IP</b>



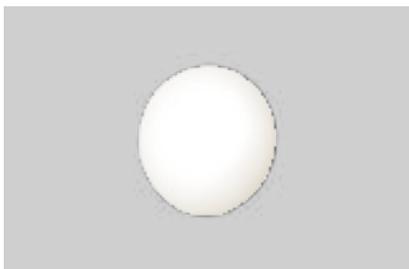
Ø 500mm



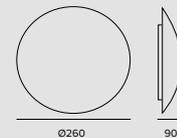
E27 FLUO/HAL/LED / max 2x42W



Power supply	Colour	Code
220-240Vac		<b>323434IP</b>



LED Ø 260mm



LED / 14W / VWFL

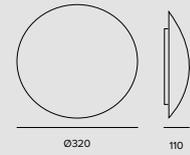


	3000K	4000K	5000K	6000K
Beam	120°			
Fixture Power	10W	0	3.5W	3W
Source Flux	620lm	0	7.12	6.6
Fixture Flux	520lm	0	10.66	6.6
Efficiency	42lm/W	0	14.25	10
12000	max=2600lm	max	394lm	0
			37.81	7

Power supply	Colour	3000K
220-240Vac		<b>1T4002</b>



**LED Ø 320mm**



**LED / 8W / VWFL**

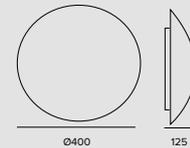


	3000K	H(m)	D(m)	Area(m²)	
Beam			1.217		
Fixture Power	120W	0	3.56	12.6	
Source Flux	802lm	1	7.12	66	
Fixture Flux	802lm	1	10.68	30	
Efficiency	66lm/W	4	14.25	15	
T8000	max=26400lm Beam	26.62	6	37.81	12

Driver      Colour      3000K  
EL.           **1T4003**



**LED Ø 400mm**



**LED / 8W / VWFL**



	3000K	H(m)	D(m)	Area(m²)	
Beam			1.217		
Fixture Power	120W	0	3.56	12.6	
Source Flux	802lm	1	7.12	66	
Fixture Flux	802lm	1	10.68	30	
Efficiency	66lm/W	4	14.25	15	
T8000	max=26400lm Beam	26.62	6	37.81	12

Driver      Colour      3000K  
EL.           **1T4004**

## Accessories

### Mounting System



Code

**323900**

Support for semi-recessed installation.  
D=200mm cutout hole 147mm.  
D=260mm cutout hole 193mm.  
D=320mm cutout hole 244mm.  
D=400mm cutout hole 322mm.  
D=500mm cutout hole 368mm.

### Control systems



Code

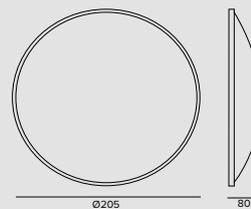
**1T5351**

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies. It can manage systems with a maximum absorption of 150W. The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches. IP20

# OSIRIDE



**Chrome Frame Ø 205mm**



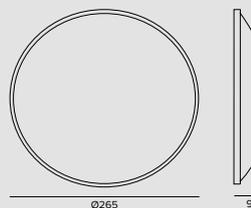
E27 HAL/LED / max 1x42W



Power supply	Colour	Code
220-240Vac	 	<b>349490IP</b>



**Chrome Frame Ø 265mm**



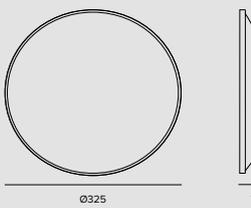
E27 FLUO/HAL/LED / max 1x42W



Power supply	Colour	Code
220-240Vac	 	<b>349400IP</b>



**Chrome Frame Ø 325mm**



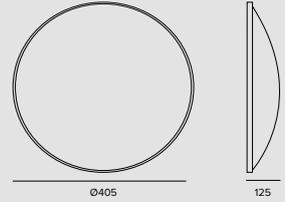
E27 FLUO/HAL/LED / max 2x42W



Power supply	Colour	Code
220-240Vac	 	<b>349410IP</b>



## Chrome Frame Ø 405mm



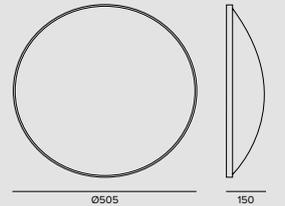
E27 FLUO/HAL/LED / max 2x42W



Power supply	Colour	Code
220-240Vac	 	<b>349420IP</b>



## Chrome Frame Ø 505mm



E27 FLUO/HAL/LED / max 2x42W



Power supply	Colour	Code
220-240Vac	 	<b>349430IP</b>

# PROFESSIONAL

## GENERAL INFO

Wall or ceiling mounted fixture for LED, halogen or compact fluorescent lamps or LED 230V integrated version.

120x220mm  
235x235mm  
275x275mm  
350x350mm

## LED

LED VERSION 235x235  
230V Module  
LED VERSION 275x275mm  
Circular boards  
From 722lm to 936lm  
3000K  
Ra84

## LAMPS

HAL – FLUO – LED 2xmax42W  
TC-DEL 2x18W  
Not included

## PRODUCT EFFICACY

94lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic  
Casambi control system available by using a dedicated accessory (230Vac LED module max 150W).

## MATERIAL

White painted metal body and satin opaline white glass diffuser.  
White painted metal fixing plate.

A wall or ceiling mounted fixture with a glazed glass diffuser for soft general lighting.

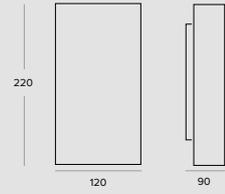
Available in four different sizes fitted with traditional LED lamps with E27 adapters or compact fluorescent lamps not included.

Available also in a LED 230V version.





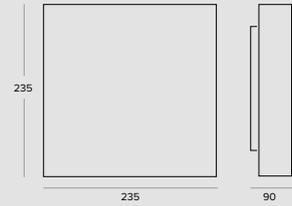
**120x220mm**



Power supply	Colour	Code
220-240Vac		<b>374604IP</b>



**235x235mm**



Power supply	Colour	Code
220-240Vac		<b>374404IP</b>

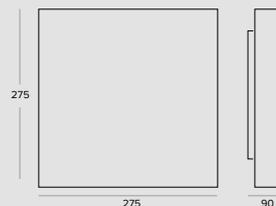


Power supply	Colour	Code
220-240Vac		<b>374404E</b>

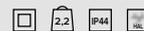
# PROFESSIONAL



**275x275mm**

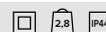


E27 FLUO/HAL/LED / max 2x42W



Driver	Colour	Code
		<b>374414IP</b>

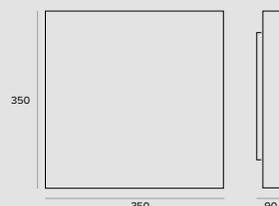
TC-DEL / 2x18W G24q-2



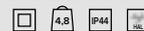
Driver	Colour	Code
EL.		<b>374414E</b>



**350x350mm**

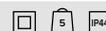


E27 FLUO/HAL/LED / max 3x42W



Power supply	Colour	Code
220-240Vac		<b>374424IP</b>

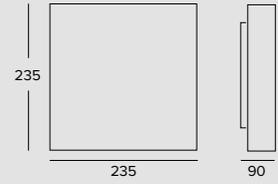
TC-TEL / 2x42W Gx24q-4



Driver	Colour	Code
EL.		<b>374424E</b>



## LED 235x235mm



### LED / 14W / VWFL

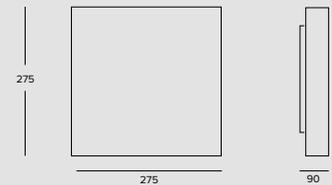


	3000K	4000K	5000K	6000K	
Beam	130°				
Fixture Power	14W	3	4.80	142	
Mounting Hole	722mm	1	0.72	86	
Fixture Size	722mm	4	14.28	88	
Efficiency	22lm/W	4	18.44	9	
TMR03	max=2770g/30m Max	1800	6	24.20	6

Driver	Colour	3000K
	<input type="radio"/>	<b>1T4005</b>



## LED 275x275mm



### LED / 8W / VWFL



	3000K	4000K	5000K	6000K	
Beam	130°				
Fixture Power	8W	3	4.80	100	
Mounting Hole	640mm	1	0.72	86	
Fixture Size	640mm	4	14.28	88	
Efficiency	24lm/W	4	18.44	12	
TMR03	max=2770g/30m Max	1800	6	24.20	7

Driver	Colour	3000K
EL.	<input type="radio"/>	<b>1T4006</b>

## Accessories

### Control systems



Code

**1T5351**

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies.

It can manage systems with a maximum absorption of 150W.

The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20

Outdoor

**Inground recessed**

## Linear inground recessed



544  
JEDI



556  
JEDI COMPACT



570  
MERCURE



574  
MINIMERCURE



577  
MICROMERCURE

## Inground recessed



578  
KEPLERO



593  
KEPLERO MINI



602  
TITANO



604  
JUPITER



614  
SATURN



620  
LED.Y

# JEDI

## Recessed

### GENERAL INFO

Recessed linear projector.  
Lengths 616mm – 916mm – 1216mm

### LED

Optics FL, GR, WW - Linear boards  
Optic SP - Led Emitter  
RGBW version - Led Emitter  
From 632lm to 7180m  
3000K – 4000K – RGBW  
Ra84

### PRODUCT EFFICACY

Up to 113lm/W

### OPTICS

SP – FL – GRAZING – WALL WASHER

### POWER SUPPLY

Electronic – DALI  
Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Extruded anodised aluminium 15µ body. Extra clear 10mm thick glass flat screen. Brushed stainless steel (AISI 316) frame. The body of the fixture can resist a static load up to 20kN and vandalism (IK10). Anti-slip glass available on request.

A coordinated range of linear projectors for lighting large surfaces.

The multiplicity of effects, three different lengths with lumen packages proportioned to each one, maximum load and vandal resistance make it a flexible tool that can always provide solutions to various project needs in the public or private sector.

Completely sealed housing complete with external electrical connection through IP68 connectors.  
Continuous line installation using accessories.

Available also in projector and RGBW versions.





## 5300 McConnell

**Architect**  
Shubin+Donaldson  
Architects

**Lighting Design**  
Oculus Light Studio

**Photographer**  
©Henri Khodaverdi

**Country**  
Los Angeles, USA



## Recessed L. 616mm



### LED / 23W / SPOT

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	180°	180°	180°	180°
120°	120°	120°	120°	120°
60°	60°	60°	60°	60°
30°	30°	30°	30°	30°
15°	15°	15°	15°	15°
7.5°	7.5°	7.5°	7.5°	7.5°
3.75°	3.75°	3.75°	3.75°	3.75°
1.875°	1.875°	1.875°	1.875°	1.875°
0.9375°	0.9375°	0.9375°	0.9375°	0.9375°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2737</b>	<b>1E2738</b>
DALI	●	<b>1E2739</b>	<b>1E2740</b>

### LED / 12W / FLOOD

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	180°	180°	180°	180°
120°	120°	120°	120°	120°
60°	60°	60°	60°	60°
30°	30°	30°	30°	30°
15°	15°	15°	15°	15°
7.5°	7.5°	7.5°	7.5°	7.5°
3.75°	3.75°	3.75°	3.75°	3.75°
1.875°	1.875°	1.875°	1.875°	1.875°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2689</b>	<b>1E2690</b>
DALI	●	<b>1E2691</b>	<b>1E2692</b>

### LED / 24W / FLOOD

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	180°	180°	180°	180°
120°	120°	120°	120°	120°
60°	60°	60°	60°	60°
30°	30°	30°	30°	30°
15°	15°	15°	15°	15°
7.5°	7.5°	7.5°	7.5°	7.5°
3.75°	3.75°	3.75°	3.75°	3.75°
1.875°	1.875°	1.875°	1.875°	1.875°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2693</b>	<b>1E2694</b>
DALI	●	<b>1E2695</b>	<b>1E2696</b>

### LED / 12W / GRAZING

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	180°	180°	180°	180°
120°	120°	120°	120°	120°
60°	60°	60°	60°	60°
30°	30°	30°	30°	30°
15°	15°	15°	15°	15°
7.5°	7.5°	7.5°	7.5°	7.5°
3.75°	3.75°	3.75°	3.75°	3.75°
1.875°	1.875°	1.875°	1.875°	1.875°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2665</b>	<b>1E2666</b>
DALI	●	<b>1E2667</b>	<b>1E2668</b>

### LED / 24W / GRAZING

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	180°	180°	180°	180°
120°	120°	120°	120°	120°
60°	60°	60°	60°	60°
30°	30°	30°	30°	30°
15°	15°	15°	15°	15°
7.5°	7.5°	7.5°	7.5°	7.5°
3.75°	3.75°	3.75°	3.75°	3.75°
1.875°	1.875°	1.875°	1.875°	1.875°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2669</b>	<b>1E2670</b>
DALI	●	<b>1E2671</b>	<b>1E2672</b>

**LED / 12W / WALL WASHER**



	3000K	4000K	5000K	6000K
Beam (°)	119° / 99°			
Fixture Power	12W	5	5.22	5.36
Mounting Hole	17.20mm	4	6.24	2.61
Fixture Size	120mm	4	6.01	6.01
Efficiency	88lm/W	4	12.47	5.91
TM2008 Beam-7700lm/W Beam	1.8120	4	24.68	6.09

Driver	Colour	3000K	4000K
EL.	●	<b>1E2713</b>	<b>1E2714</b>
DALI	●	<b>1E2715</b>	<b>1E2716</b>

**LED / 24W / WALL WASHER**



	3000K	4000K	5000K	6000K
Beam (°)	119° / 99°			
Fixture Power	24W	5	5.22	5.36
Mounting Hole	18.00mm	4	6.24	2.61
Fixture Size	157mm	4	6.01	6.01
Efficiency	82lm/W	4	12.47	5.91
TM2008 Beam-7700lm/W Beam	20.660	4	24.68	6.09

Driver	Colour	3000K	4000K
EL.	●	<b>1E2717</b>	<b>1E2718</b>
DALI	●	<b>1E2719</b>	<b>1E2720</b>



**Recessed L. 916mm**



**LED / 34W / SPOT**



	3000K	4000K	5000K	6000K
Beam (°)	30°			
Fixture Power	34W	3	3.18	3.32
Mounting Hole	18.00mm	4	6.24	2.61
Fixture Size	130mm	4	6.01	6.01
Efficiency	88lm/W	4	12.47	5.91
TM2008 Beam-1400lm/W Beam	48.280	4	24.68	6.09

Driver	Colour	3000K	4000K
EL.	●	<b>1E2741</b>	<b>1E2742</b>
DALI	●	<b>1E2743</b>	<b>1E2744</b>

**LED / 18W / FLOOD**



	3000K	4000K	5000K	6000K
Beam (°)	89° / 52°			
Fixture Power	18W	3	3.18	3.32
Mounting Hole	18.00mm	4	6.24	2.61
Fixture Size	130mm	4	6.01	6.01
Efficiency	88lm/W	4	12.47	5.91
TM2008 Beam-6900lm/W Beam	1.880	4	24.68	6.09

Driver	Colour	3000K	4000K
EL.	●	<b>1E2697</b>	<b>1E2698</b>
DALI	●	<b>1E2699</b>	<b>1E2700</b>

**LED / 36W / FLOOD**



	3000K	4000K	5000K	6000K
Beam (°)	89° / 52°			
Fixture Power	36W	3	3.18	3.32
Mounting Hole	18.00mm	4	6.24	2.61
Fixture Size	181mm	4	6.01	6.01
Efficiency	88lm/W	4	12.47	5.91
TM2008 Beam-6900lm/W Beam	20.880	4	24.68	6.09

Driver	Colour	3000K	4000K
EL.	●	<b>1E2701</b>	<b>1E2702</b>
DALI	●	<b>1E2703</b>	<b>1E2704</b>

# JEDI

## LED / 18W / GRAZING



Beam	Beam-1800(L)870(H) 18W	3000K		4000K	
		Beam	Beam	Beam	Beam
30°	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2673</b>	<b>1E2674</b>
DALI	<input type="radio"/>	<b>1E2675</b>	<b>1E2676</b>

## LED / 36W / GRAZING



Beam	Beam-1800(L)870(H) 36W	3000K		4000K	
		Beam	Beam	Beam	Beam
30°	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2677</b>	<b>1E2678</b>
DALI	<input type="radio"/>	<b>1E2679</b>	<b>1E2680</b>

## LED / 18W / WALL WASHER



Beam	Beam-770(L)870(H) 18W	3000K		4000K	
		Beam	Beam	Beam	Beam
30°	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2721</b>	<b>1E2722</b>
DALI	<input type="radio"/>	<b>1E2723</b>	<b>1E2724</b>

## LED / 36W / WALL WASHER



Beam	Beam-770(L)870(H) 36W	3000K		4000K	
		Beam	Beam	Beam	Beam
30°	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2725</b>	<b>1E2726</b>
DALI	<input type="radio"/>	<b>1E2727</b>	<b>1E2728</b>



Recessed L. 1216mm



## LED / 46W / SPOT



Beam	Beam-1200(L)1200(H) 46W	3000K		4000K	
		Beam	Beam	Beam	Beam
30°	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	
Beam	3000K	4000K	30°	30°	

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2745</b>	<b>1E2746</b>
DALI	<input type="radio"/>	<b>1E2747</b>	<b>1E2748</b>

**LED / 24W / FLOOD**



		3000K	HM1 D1106 D1216 D1446 D1646			
		Kukl	8°	12°		
Fixture Power	20W	3	1.81	0.57	2409	
Mounting Fix	1400mm	3	0.48	1.35	480	
Fixture Size	1570mm	3	0.33	1.20	360	
Efficiency	82lm/W	4	1.37	3.27	240	
TI8821	max=10000lm Beam	2000lm	3	6.21	2.80	46

Driver	Colour	3000K	4000K
EL.	●	<b>1E2705</b>	<b>1E2706</b>
DALI	●	<b>1E2707</b>	<b>1E2708</b>

**LED / 48W / FLOOD**



		3000K	HM1 D1106 D1216 D1446 D1646			
		Kukl	8°	12°		
Fixture Power	52W	3	1.81	0.57	4784	
Mounting Fix	1400mm	3	0.48	1.35	1376	
Fixture Size	1510mm	3	0.33	1.20	332	
Efficiency	96lm/W	4	1.37	3.27	270	
TI8821	max=10000lm Beam	4784lm	3	6.21	2.80	100

Driver	Colour	3000K	4000K
EL.	●	<b>1E2709</b>	<b>1E2710</b>
DALI	●	<b>1E2711</b>	<b>1E2712</b>

**LED / 24W / GRAZING**



		3000K	HM1 D1106 D1216 D1446 D1646			
		Kukl	8°	15°		
Fixture Power	20W	3	1.35	0.26	3026	
Mounting Fix	1400mm	3	0.20	0.31	1471	
Fixture Size	1870mm	3	0.20	0.71	412	
Efficiency	102lm/W	4	0.20	1.02	344	
TI8821	max=10000lm Beam	1000lm	3	1.76	1.26	110

Driver	Colour	3000K	4000K
EL.	●	<b>1E2681</b>	<b>1E2682</b>
DALI	●	<b>1E2683</b>	<b>1E2684</b>

**LED / 48W / GRAZING**



		3000K	HM1 D1106 D1216 D1446 D1646			
		Kukl	8°	15°		
Fixture Power	52W	3	1.35	0.26	3046	
Mounting Fix	1400mm	3	0.20	0.31	2211	
Fixture Size	1980mm	3	0.20	0.71	1226	
Efficiency	107lm/W	4	0.21	1.02	404	
TI8821	max=10000lm Beam	1000lm	3	1.76	1.26	138

Driver	Colour	3000K	4000K
EL.	●	<b>1E2685</b>	<b>1E2686</b>
DALI	●	<b>1E2687</b>	<b>1E2688</b>

**LED / 24W / WALL WASHER**



		3000K	HM1 D1106 D1216 D1446 D1646			
		Kukl	11°	39°		
Fixture Power	20W	3	0.22	1.30	3313	
Mounting Fix	1400mm	3	0.21	2.67	378	
Fixture Size	1340mm	3	0.20	0.22	237	
Efficiency	82lm/W	4	11.47	5.91	140	
TI8821	max=7700lm Beam	2000lm	3	14.08	6.89	50

Driver	Colour	3000K	4000K
EL.	●	<b>1E2729</b>	<b>1E2730</b>
DALI	●	<b>1E2731</b>	<b>1E2732</b>

**LED / 48W / WALL WASHER**



		3000K	HM1 D1106 D1216 D1446 D1646			
		Kukl	11°	39°		
Fixture Power	52W	3	0.22	1.30	4098	
Mounting Fix	1400mm	3	0.21	2.67	1328	
Fixture Size	1340mm	3	0.20	0.22	312	
Efficiency	97lm/W	4	11.47	5.91	207	
TI8821	max=7700lm Beam	4998lm	3	14.08	6.89	105

Driver	Colour	3000K	4000K
EL.	●	<b>1E2733</b>	<b>1E2734</b>
DALI	●	<b>1E2735</b>	<b>1E2736</b>

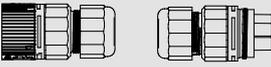
# JEDI

## Related codes

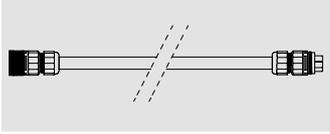
Insertion Box	
	
L	Code
618	<b>1E3507</b>
918	<b>1E3508</b>
1218	<b>1E3509</b>

Insertion boxes.

## Accessories

Connector	
	
Code	
	<b>1E2769</b>

Connectors kit for 5 pole coaxial connections.

Cable	
	
L	Code
320	<b>1E2762</b>
470	<b>1E2763</b>
620	<b>1E2764</b>
770	<b>1E2765</b>

Connection cable.  
Complete with 5 pole connectors.  
For the electronic and DALI version.

**1E2762**  
For in line adjacent connection of one 600mm projector with one 900mm projector.

**1E2763**  
For in line adjacent connection of one 600mm projector with one 1200mm projector or two 900mm projectors.

**1E2764**  
For in line adjacent connection of one 900mm projector with one 1200mm projector.

**1E2765**  
For in line adjacent connection of two 1200mm projectors.

Tool	
	
Code	
	<b>1E2495</b>

Features TORX HEAD, TX 30.

Control systems	
	
Code	
	<b>1E3048</b>
	
Code	
	<b>1E3049</b>

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.



# Recessed RGBW L. 616mm

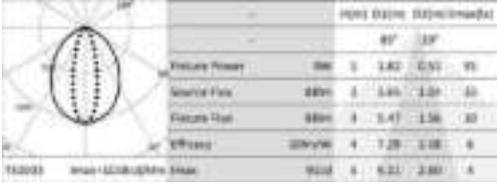


## LED RGBW / 17W 4Ch / SPOT



Driver	Colour	Code
EL. DMX	●	1E3100

## LED RGBW / 17W 4Ch / FLOOD



Driver	Colour	Code
EL. DMX	●	1E3101

## LED RGBW / 17W 4Ch / GRAZING

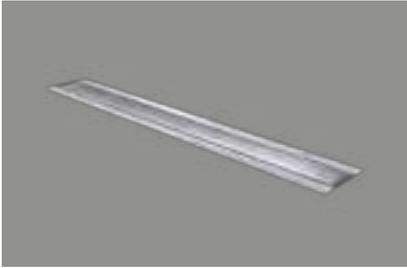


Driver	Colour	Code
EL. DMX	●	1E3099

## LED RGBW / 17W 4Ch / WALL WASHER



Driver	Colour	Code
EL. DMX	●	1E3102



## Recessed RGBW L. 916mm



### LED RGBW / 26W 4Ch / SPOT



		HM (mm)	D1 (mm)	D2 (mm)	Beam (°)
			8°	13°	
Fixture Power	26W	3	0.19	0.15	
Mounting Hole	18.2mm	4	0.26	0.26	
Fixture Size	18.2mm	4	0.26	0.26	
Efficiency	120lm/W	4	0.75	0.67	
TM2020	Beam 1.78mm (Light) Beam	0.12mm	0	0.99	1.20

Driver	Colour	Code
EL. DMX		<b>1E3104</b>

### LED RGBW / 26W 4Ch / FLOOD



		HM (mm)	D1 (mm)	D2 (mm)	Beam (°)	
			8°	13°		
Fixture Power	26W	3	1.82	0.51	110	
Mounting Hole	12.2mm	3	0.45	1.20	86	
Fixture Size	12.2mm	3	0.47	1.56	81	
Efficiency	100lm/W	4	0.25	0.08	9	
TM2020	Beam 1.02mm (Light) Beam	1.8mm	0	0.21	2.80	5

Driver	Colour	Code
EL. DMX		<b>1E3105</b>

### LED RGBW / 26W 4Ch / GRAZING



		HM (mm)	D1 (mm)	D2 (mm)	Beam (°)	
			8°	11°		
Fixture Power	26W	3	1.45	0.29	103	
Mounting Hole	12.2mm	3	0.37	0.86	86	
Fixture Size	12.2mm	3	0.40	0.87	80	
Efficiency	100lm/W	4	0.24	0.76	22	
TM2020	Beam 1.02mm (Light) Beam	0.12mm	0	1.41	0.96	1.5

Driver	Colour	Code
EL. DMX		<b>1E3103</b>

### LED RGBW / 26W 4Ch / WALL WASHER



		HM (mm)	D1 (mm)	D2 (mm)	Beam (°)	
			11°	15°		
Fixture Power	26W	3	0.27	0.20	110	
Mounting Hole	12.2mm	3	0.31	0.86	86	
Fixture Size	12.2mm	3	0.30	0.80	80	
Efficiency	100lm/W	4	0.17	0.71	9	
TM2020	Beam 1.02mm (Light) Beam	0.12mm	0	0.65	0.81	6

Driver	Colour	Code
EL. DMX		<b>1E3106</b>



## Recessed RGBW L. 1216mm



### LED RGBW / 34W 4Ch / SPOT



Driver	Colour	Code
EL. DMX	●	<b>1E3108</b>

### LED RGBW / 34W 4Ch / FLOOD



Driver	Colour	Code
EL. DMX	●	<b>1E3109</b>

### LED RGBW / 34W 4Ch / GRAZING



Driver	Colour	Code
EL. DMX	●	<b>1E3107</b>

### LED RGBW / 34W 4Ch / WALL WASHER



Driver	Colour	Code
EL. DMX	●	<b>1E3110</b>

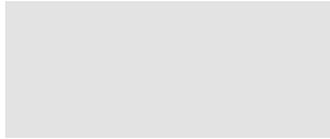
## Note

Photometrics show the maximum emission values of fixtures.

# JEDI

## Related codes

### Insertion Box

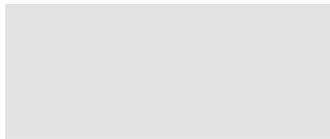


L	Code
618	<b>1E3507</b>
918	<b>1E3508</b>
1218	<b>1E3509</b>

Insertion boxes.

## Accessories

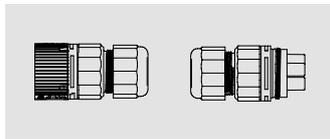
### Tool



Code
<b>1E2495</b>

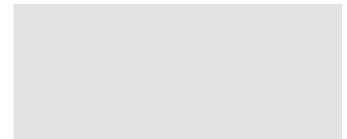
Features TORX HEAD, TX 30.

### Connector



Code
<b>1E2769</b>

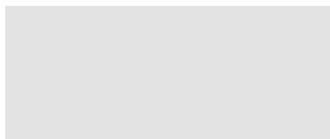
Connectors kit for 5 pole coaxial connections.



Code
<b>1E3184</b>

DMX connection.

### Control systems



Code
<b>1E2767</b>

USB-RDM Programmer code.  
DMX-RDM (Remote Device Management) address planner.  
Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.  
To be used with all RGBW products.



## Seegerstrom center for the Arts

**Lighting Design**  
HLB, Inc.

**Photographer**  
©SAC Design

**Country**  
Costa Mesa, USA

# JEDI

## Compact recessed

### GENERAL INFO

Ground recessed linear projector  
53x43mm (remote driver)  
53x80mm (integrated driver)  
Length 344mm – 625mm – 905mm – 1185mm

### LED

Linear boards  
From 1615 to 7200lm  
2700K – 3000K – 3500K – 4000K  
Ra90

### PRODUCT EFFICACY

Up to 113lm/W

### OPTICS

SP – FL – GRAZING – WALL WASHER

### POWER SUPPLY

Electronic – DALI  
Casambi control: DALI versions equipped with special accessories.

### MATERIAL

Anodised extruded aluminium frame. Flat screen in extra-clear glass.

LED linear recessed line with high performance and compact dimensions. Available in a double version with remote driver at 344 mm and with integrated driver at 625 mm to be completed with the special recessing box.

Three optics: Flood, Grazing, and Wall Washer available also in the version with integrated LOUVRE that converges the side light emissions, avoiding the risk of blinding.

Also available in a surface-mounted projector version for both outdoor and indoor installations.





## Torre Huaycho

**Lighting Design**  
Gerardo Sanchez Sucsa  
Pepe Sanchez Sucsa

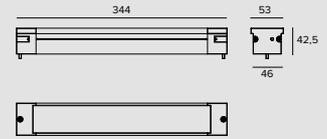
**Photographer**  
James Aragón Carrasco

**Country**  
Espinar - Perú

# JEDI COMPACT



## Recessed IP67 Remote driver L. 344mm



**LED / 12W / FLOOD** ⊕ 0.95 IP67 IK08

Beam angle	3000K		4000K	
	Beam	Beam	Beam	Beam
120°	1.720m	1.720m	1.720m	1.720m
60°	3.440m	3.440m	3.440m	3.440m
30°	6.880m	6.880m	6.880m	6.880m
15°	13.760m	13.760m	13.760m	13.760m
7.5°	27.520m	27.520m	27.520m	27.520m

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3561</b>	<b>1E3562</b>	<b>1E3563</b>	<b>1E3564</b>

**LED / 12W / GRAZING** ⊕ 0.95 IP67 IK08

Beam angle	3000K		4000K	
	Beam	Beam	Beam	Beam
120°	1.720m	1.720m	1.720m	1.720m
60°	3.440m	3.440m	3.440m	3.440m
30°	6.880m	6.880m	6.880m	6.880m
15°	13.760m	13.760m	13.760m	13.760m
7.5°	27.520m	27.520m	27.520m	27.520m

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3565</b>	<b>1E3566</b>	<b>1E3567</b>	<b>1E3568</b>

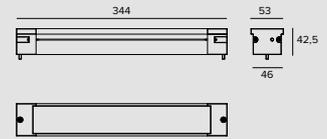
**LED / 12W / WALL WASHER** ⊕ 0.95 IP67 IK08

Beam angle	3000K		4000K	
	Beam	Beam	Beam	Beam
120°	1.720m	1.720m	1.720m	1.720m
60°	3.440m	3.440m	3.440m	3.440m
30°	6.880m	6.880m	6.880m	6.880m
15°	13.760m	13.760m	13.760m	13.760m
7.5°	27.520m	27.520m	27.520m	27.520m

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3569</b>	<b>1E3570</b>	<b>1E3571</b>	<b>1E3572</b>



## Recessed IP67 Louvre Remote driver L. 344mm



**LED / 12W / FLOOD** ⊕ 0.95 IP67 IK08

Beam angle	3000K		4000K	
	Beam	Beam	Beam	Beam
120°	1.720m	1.720m	1.720m	1.720m
60°	3.440m	3.440m	3.440m	3.440m
30°	6.880m	6.880m	6.880m	6.880m
15°	13.760m	13.760m	13.760m	13.760m
7.5°	27.520m	27.520m	27.520m	27.520m

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3573</b>	<b>1E3574</b>	<b>1E3575</b>	<b>1E3576</b>

**LED / 12W / GRAZING**



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	12W	3	3.48	3.21
Source Flux	1720lm	4	5.26	5.46
Fixture Flux	912lm	4	9.04	8.88
Efficiency	65lm/W	4	6.72	6.21
1200K	1000lm	4	6.40	3.57

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3577</b>	<b>1E3578</b>	<b>1E3579</b>	<b>1E3580</b>

**LED / 12W / WALL WASHER**



	3000K	4000K	5000K	6000K
Beam	110°	90°		
Fixture Power	12W	3	3.27	3.45
Source Flux	1720lm	4	6.26	2.67
Fixture Flux	912lm	4	6.51	4.96
Efficiency	76lm/W	4	12.72	5.85
1200K	1000lm	4	14.87	3.43

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3581</b>	<b>1E3582</b>	<b>1E3583</b>	<b>1E3584</b>



**Recessed IP67  
Remote driver L. 625mm**



**LED / 24W / FLOOD**



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	24W	3	3.84	3.57
Source Flux	3440lm	4	5.48	5.55
Fixture Flux	1576lm	4	6.22	5.76
Efficiency	65lm/W	4	7.26	6.27
1200K	1000lm	4	6.20	2.87

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3585</b>	<b>1E3586</b>	<b>1E3587</b>	<b>1E3588</b>

**LED / 24W / GRAZING**



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	24W	3	3.25	3.26
Source Flux	3440lm	4	5.22	5.34
Fixture Flux	1808lm	4	4.83	5.21
Efficiency	122lm/W	4	6.21	5.22
1200K	1000lm	4	3.76	1.26

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3589</b>	<b>1E3590</b>	<b>1E3591</b>	<b>1E3592</b>

**LED / 24W / WALL WASHER**



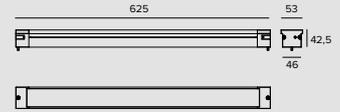
	3000K	4000K	5000K	6000K
Beam	110°	90°		
Fixture Power	24W	3	3.22	3.36
Source Flux	3440lm	4	6.23	2.67
Fixture Flux	1388lm	4	6.21	4.57
Efficiency	57lm/W	4	12.47	5.85
1200K	1000lm	4	14.68	4.88

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3593</b>	<b>1E3594</b>	<b>1E3595</b>	<b>1E3596</b>

# JEDI COMPACT



## Recessed IP67 Louvre Remote driver L. 625mm



### LED / 24W / FLOOD



Beam Spread	3000K	Beam Spread		Beam Spread
		80°	12°	
1800mm	2000lm	2	1.80	0.51
1800mm	2000lm	2	1.71	1.20
1800mm	2000lm	2	1.57	1.37
1800mm	2000lm	4	1.51	1.20
1800mm	2000lm	6	1.20	1.31

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3597</b>	<b>1E3598</b>	<b>1E3599</b>	<b>1E3600</b>

### LED / 24W / GRAZING



Beam Spread	3000K	Beam Spread		Beam Spread
		80°	12°	
1800mm	2000lm	2	1.80	0.51
1800mm	2000lm	2	1.76	0.60
1800mm	2000lm	2	1.64	0.68
1800mm	2000lm	4	1.51	0.81
1800mm	2000lm	6	1.40	0.94

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3601</b>	<b>1E3602</b>	<b>1E3603</b>	<b>1E3604</b>

### LED / 24W / WALL WASHER

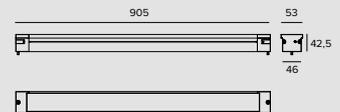


Beam Spread	3000K	Beam Spread		Beam Spread
		110°	90°	
1800mm	2000lm	2	1.57	1.40
1800mm	2000lm	2	1.46	1.60
1800mm	2000lm	2	1.36	1.71
1800mm	2000lm	4	1.27	1.80
1800mm	2000lm	6	1.17	1.91

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3605</b>	<b>1E3606</b>	<b>1E3607</b>	<b>1E3608</b>



## Recessed IP67 Remote driver L. 905mm



### LED / 36W / FLOOD



Beam Spread	3000K	Beam Spread		Beam Spread
		80°	12°	
1800mm	4000lm	2	1.80	0.51
1800mm	4000lm	2	1.68	1.10
1800mm	4000lm	2	1.57	1.20
1800mm	4000lm	4	1.50	1.21
1800mm	4000lm	6	1.20	1.31

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3609</b>	<b>1E3610</b>	<b>1E3611</b>	<b>1E3612</b>

**LED / 36W / GRAZING**



	3000K	4000K	5000K	6000K
Beam	9°	13°		
Fixture Power	40W	3	3.25	3.26
Mounting Hole	1100mm	4	0.22	0.21
Fixture Size	428mm	4	4.03	0.21
Efficiency	137lm/W	4	0.21	1.02
1E3613	1E3614	1E3615	1E3616	

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3613</b>	<b>1E3614</b>	<b>1E3615</b>	<b>1E3616</b>

**LED / 36W / WALL WASHER**

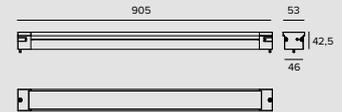


	3000K	4000K	5000K	6000K
Beam	11°	19°		
Fixture Power	40W	3	3.22	3.20
Mounting Hole	1100mm	4	0.21	0.21
Fixture Size	1900mm	4	0.21	0.21
Efficiency	137lm/W	4	12.47	0.21
1E3617	1E3618	1E3619	1E3620	

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3617</b>	<b>1E3618</b>	<b>1E3619</b>	<b>1E3620</b>



**Recessed IP67 Louvre Remote driver L. 905mm**



**LED / 36W / FLOOD**



	3000K	4000K	5000K	6000K
Beam	9°	13°		
Fixture Power	40W	3	3.48	0.21
Mounting Hole	1100mm	4	0.21	0.20
Fixture Size	1255mm	4	0.21	1.02
Efficiency	137lm/W	4	0.21	1.02
1E3621	1E3622	1E3623	1E3624	

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3621</b>	<b>1E3622</b>	<b>1E3623</b>	<b>1E3624</b>

**LED / 36W / GRAZING**



	3000K	4000K	5000K	6000K
Beam	9°	13°		
Fixture Power	40W	3	3.48	0.21
Mounting Hole	1100mm	4	0.26	0.26
Fixture Size	1735mm	4	0.21	0.26
Efficiency	137lm/W	4	0.21	0.21
1E3625	1E3626	1E3627	1E3628	

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3625</b>	<b>1E3626</b>	<b>1E3627</b>	<b>1E3628</b>

**LED / 36W / WALL WASHER**



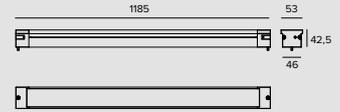
	3000K	4000K	5000K	6000K
Beam	11°	19°		
Fixture Power	40W	3	0.21	1.02
Mounting Hole	1100mm	4	0.21	0.21
Fixture Size	1305mm	4	0.21	0.21
Efficiency	137lm/W	4	12.70	0.21
1E3629	1E3630	1E3631	1E3632	

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3629</b>	<b>1E3630</b>	<b>1E3631</b>	<b>1E3632</b>

# JEDI COMPACT



## Recessed IP67 Remote driver L. 1185mm



### LED / 48W / FLOOD



Beam angle	3000K		4000K	
	90°	12°	90°	12°
Volume Power	5100	3	1.81	0.57
Volume Flux	4800lm	3	1.68	0.53
Volume Time	1141lm	3	0.51	1.26
Efficiency	17lm/W	4	1.26	2.27
Efficiency	16lm/W	3	0.20	2.87

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3633</b>	<b>1E3634</b>	<b>1E3635</b>	<b>1E3636</b>

### LED / 48W / GRAZING



Beam angle	3000K		4000K	
	90°	12°	90°	12°
Volume Power	5100	3	1.75	0.20
Volume Flux	4800lm	3	1.20	0.34
Volume Time	1217lm	3	0.23	0.71
Efficiency	120lm/W	4	0.21	1.01
Efficiency	110lm/W	3	1.26	1.26

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3637</b>	<b>1E3638</b>	<b>1E3639</b>	<b>1E3640</b>

### LED / 48W / WALL WASHER

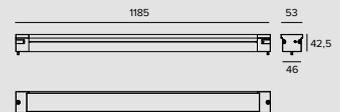


Beam angle	3000K		4000K	
	11°	90°	11°	90°
Volume Power	5100	3	0.23	1.20
Volume Flux	4800lm	3	0.23	1.20
Volume Time	1113lm	3	0.23	0.51
Efficiency	16lm/W	4	1.24	0.91
Efficiency	14lm/W	3	0.23	0.91

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3641</b>	<b>1E3642</b>	<b>1E3643</b>	<b>1E3644</b>



## Recessed IP67 Louvre Remote driver L. 1185mm



### LED / 48W / FLOOD



Beam angle	3000K		4000K	
	90°	12°	90°	12°
Volume Power	5100	3	1.80	0.52
Volume Flux	4800lm	3	1.71	0.50
Volume Time	1147lm	3	0.51	1.25
Efficiency	17lm/W	4	1.24	2.09
Efficiency	16lm/W	3	0.20	2.82

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3645</b>	<b>1E3646</b>	<b>1E3647</b>	<b>1E3648</b>

**LED / 48W / GRAZING** ⊥ 3.2 IP67 IK08

	3000K	4000K	5000K	6000K
Beam	8°	12°		
Fixture Power	52W	5	1.48	0.21
Mounting Height	4000mm	4	0.26	0.46
Fixture Size	100mm	4	0.04	0.08
Efficiency	100lm/W	4	0.72	0.21
1E3651	100mm	4	0.40	0.27

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3649</b>	<b>1E3650</b>	<b>1E3651</b>	<b>1E3652</b>

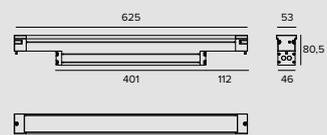
**LED / 48W / WALL WASHER** ⊥ 3.2 IP67 IK08

	3000K	4000K	5000K	6000K
Beam	11°	12°		
Fixture Power	52W	5	1.27	1.46
Mounting Height	4000mm	4	0.26	0.46
Fixture Size	100mm	4	0.04	0.08
Efficiency	100lm/W	4	0.72	0.21
1E3653	100mm	4	0.47	0.45

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3653</b>	<b>1E3654</b>	<b>1E3655</b>	<b>1E3656</b>



**Recessed IP67  
Integrated driver L. 625mm**



**LED / 24W / FLOOD** ⊥ 2.6 IP67 IK08

	3000K	4000K	5000K	6000K
Beam	8°	12°		
Fixture Power	29W	3	1.84	0.57
Mounting Height	4000mm	3	0.48	0.81
Fixture Size	150mm	4	0.11	0.26
Efficiency	100lm/W	4	0.26	0.21
1E3657	150mm	4	0.20	0.31

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3657EL</b>	<b>1E3658EL</b>	<b>1E3659EL</b>	<b>1E3660EL</b>
DALI	●	<b>1E3657DA</b>	<b>1E3658DA</b>	<b>1E3659DA</b>	<b>1E3660DA</b>

**LED / 24W / GRAZING** ⊥ 2.6 IP67 IK08

	3000K	4000K	5000K	6000K
Beam	8°	12°		
Fixture Power	29W	3	1.25	0.26
Mounting Height	4000mm	3	0.22	0.34
Fixture Size	100mm	4	0.03	0.21
Efficiency	100lm/W	4	0.21	0.03
1E3661	100mm	4	0.26	0.20

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3661EL</b>	<b>1E3662EL</b>	<b>1E3663EL</b>	<b>1E3664EL</b>
DALI	●	<b>1E3661DA</b>	<b>1E3662DA</b>	<b>1E3663DA</b>	<b>1E3664DA</b>

**LED / 24W / WALL WASHER** ⊥ 2.6 IP67 IK08

	3000K	4000K	5000K	6000K
Beam	11°	12°		
Fixture Power	29W	3	0.22	0.36
Mounting Height	4000mm	3	0.23	0.37
Fixture Size	100mm	4	0.03	0.03
Efficiency	100lm/W	4	0.47	0.31
1E3665	100mm	4	0.47	0.31

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3665EL</b>	<b>1E3666EL</b>	<b>1E3667EL</b>	<b>1E3668EL</b>
DALI	●	<b>1E3665DA</b>	<b>1E3666DA</b>	<b>1E3667DA</b>	<b>1E3668DA</b>

# JEDI COMPACT



## Recessed IP67 Louvre Integrated driver L. 625mm



### LED / 24W / FLOOD



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
10°	2000lm	2.18	2.51	2.91
15°	3000lm	2.51	2.91	3.41
20°	4000lm	2.91	3.41	3.91
30°	6000lm	4.26	4.96	5.81

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3669EL</b>	<b>1E3670EL</b>	<b>1E3671EL</b>	<b>1E3672EL</b>
DALI	●	<b>1E3669DA</b>	<b>1E3670DA</b>	<b>1E3671DA</b>	<b>1E3672DA</b>

### LED / 24W / GRAZING



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
10°	2000lm	2.18	2.51	2.91
15°	3000lm	2.51	2.91	3.41
20°	4000lm	2.91	3.41	3.91
30°	6000lm	4.26	4.96	5.81

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3673EL</b>	<b>1E3674EL</b>	<b>1E3675EL</b>	<b>1E3676EL</b>
DALI	●	<b>1E3673DA</b>	<b>1E3674DA</b>	<b>1E3675DA</b>	<b>1E3676DA</b>

### LED / 24W / WALL WASHER

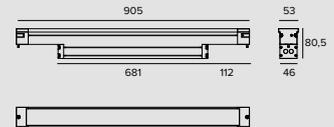


Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
10°	2000lm	2.18	2.51	2.91
15°	3000lm	2.51	2.91	3.41
20°	4000lm	2.91	3.41	3.91
30°	6000lm	4.26	4.96	5.81

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3677EL</b>	<b>1E3678EL</b>	<b>1E3679EL</b>	<b>1E3680EL</b>
DALI	●	<b>1E3677DA</b>	<b>1E3678DA</b>	<b>1E3679DA</b>	<b>1E3680DA</b>



## Recessed IP67 Integrated driver L. 905mm



### LED / 36W / FLOOD



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
10°	3000lm	2.51	2.91	3.41
15°	4500lm	2.91	3.41	3.91
20°	6000lm	3.41	3.91	4.41
30°	9000lm	4.96	5.81	6.81

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3681EL</b>	<b>1E3682EL</b>	<b>1E3683EL</b>	<b>1E3684EL</b>
DALI	●	<b>1E3681DA</b>	<b>1E3682DA</b>	<b>1E3683DA</b>	<b>1E3684DA</b>

**LED / 36W / GRAZING**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
1500mm	4000lm	5	1.25	1.26
1800mm	4800lm	6	1.25	1.26
2100mm	5600lm	7	1.25	1.26
2400mm	6400lm	8	1.25	1.26

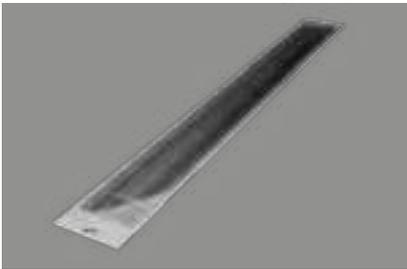
Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3685EL</b>	<b>1E3686EL</b>	<b>1E3687EL</b>	<b>1E3688EL</b>
DALI	●	<b>1E3685DA</b>	<b>1E3686DA</b>	<b>1E3687DA</b>	<b>1E3688DA</b>

**LED / 36W / WALL WASHER**

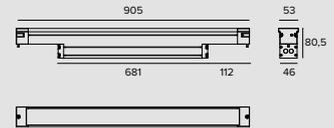


Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
1500mm	4000lm	5	1.25	1.26
1800mm	4800lm	6	1.25	1.26
2100mm	5600lm	7	1.25	1.26
2400mm	6400lm	8	1.25	1.26

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3689EL</b>	<b>1E3690EL</b>	<b>1E3691EL</b>	<b>1E3692EL</b>
DALI	●	<b>1E3689DA</b>	<b>1E3690DA</b>	<b>1E3691DA</b>	<b>1E3692DA</b>



**Recessed IP67 Louvre  
Integrated driver L. 905mm**



**LED / 36W / FLOOD**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
1500mm	4000lm	5	1.25	1.26
1800mm	4800lm	6	1.25	1.26
2100mm	5600lm	7	1.25	1.26
2400mm	6400lm	8	1.25	1.26

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3693EL</b>	<b>1E3694EL</b>	<b>1E3695EL</b>	<b>1E3696EL</b>
DALI	●	<b>1E3693DA</b>	<b>1E3694DA</b>	<b>1E3695DA</b>	<b>1E3696DA</b>

**LED / 36W / GRAZING**



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
1500mm	4000lm	5	1.25	1.26
1800mm	4800lm	6	1.25	1.26
2100mm	5600lm	7	1.25	1.26
2400mm	6400lm	8	1.25	1.26

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3697EL</b>	<b>1E3698EL</b>	<b>1E3699EL</b>	<b>1E3700EL</b>
DALI	●	<b>1E3697DA</b>	<b>1E3698DA</b>	<b>1E3699DA</b>	<b>1E3700DA</b>

**LED / 36W / WALL WASHER**



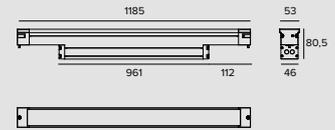
Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
1500mm	4000lm	5	1.25	1.26
1800mm	4800lm	6	1.25	1.26
2100mm	5600lm	7	1.25	1.26
2400mm	6400lm	8	1.25	1.26

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3701EL</b>	<b>1E3702EL</b>	<b>1E3703EL</b>	<b>1E3704EL</b>
DALI	●	<b>1E3701DA</b>	<b>1E3702DA</b>	<b>1E3703DA</b>	<b>1E3704DA</b>

# JEDI COMPACT



## Recessed IP67 Integrated driver L. 1185mm



### LED / 48W / FLOOD



Beam Angle	3000K		4000K	
	Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
80°	1.20m	1.20m	1.20m	1.20m
12°	1.20m	1.20m	1.20m	1.20m

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3705EL</b>	<b>1E3706EL</b>	<b>1E3707EL</b>	<b>1E3708EL</b>
DALI	●	<b>1E3705DA</b>	<b>1E3706DA</b>	<b>1E3707DA</b>	<b>1E3708DA</b>

### LED / 48W / GRAZING



Beam Angle	3000K		4000K	
	Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
80°	1.20m	1.20m	1.20m	1.20m
12°	1.20m	1.20m	1.20m	1.20m

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3709EL</b>	<b>1E3710EL</b>	<b>1E3711EL</b>	<b>1E3712EL</b>
DALI	●	<b>1E3709DA</b>	<b>1E3710DA</b>	<b>1E3711DA</b>	<b>1E3712DA</b>

### LED / 48W / WALL WASHER

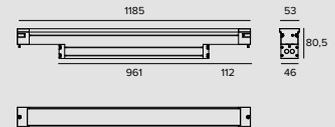


Beam Angle	3000K		4000K	
	Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
80°	1.20m	1.20m	1.20m	1.20m
12°	1.20m	1.20m	1.20m	1.20m

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3713EL</b>	<b>1E3714EL</b>	<b>1E3715EL</b>	<b>1E3716EL</b>
DALI	●	<b>1E3713DA</b>	<b>1E3714DA</b>	<b>1E3715DA</b>	<b>1E3716DA</b>



## Recessed IP67 Louvre Integrated driver L. 1185mm



### LED / 48W / FLOOD



Beam Angle	3000K		4000K	
	Beam Angle	Beam Diameter	Beam Angle	Beam Diameter
80°	1.20m	1.20m	1.20m	1.20m
12°	1.20m	1.20m	1.20m	1.20m

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3717EL</b>	<b>1E3718EL</b>	<b>1E3719EL</b>	<b>1E3720EL</b>
DALI	●	<b>1E3717DA</b>	<b>1E3718DA</b>	<b>1E3719DA</b>	<b>1E3720DA</b>

### Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.

## LED / 48W / GRAZING



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	51W	5	1.45	1.21
Source Flux	4800lm	4	1.26	1.46
Fixture Flux	1040lm	1	1.04	1.08
Efficiency	204lm/W	4	0.72	0.91
1E3721EL	1E3721DA	1E3722EL	1E3722DA	1E3723EL

Driver	Colour	2700K	3000K	3500K	4000K
EL	●	<b>1E3721EL</b>	<b>1E3722EL</b>	<b>1E3723EL</b>	<b>1E3724EL</b>
DALI	●	<b>1E3721DA</b>	<b>1E3722DA</b>	<b>1E3723DA</b>	<b>1E3724DA</b>

### Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.

## LED / 48W / WALL WASHER



	3000K	4000K	5000K	6000K
Beam	11°	9°		
Fixture Power	51W	5	1.47	1.45
Source Flux	4800lm	4	1.26	1.46
Fixture Flux	1010lm	1	0.91	1.06
Efficiency	210lm/W	4	1.17	1.35
1E3725EL	1E3725DA	1E3726EL	1E3726DA	1E3727EL

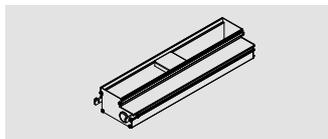
Driver	Colour	2700K	3000K	3500K	4000K
EL	●	<b>1E3725EL</b>	<b>1E3726EL</b>	<b>1E3727EL</b>	<b>1E3728EL</b>
DALI	●	<b>1E3725DA</b>	<b>1E3726DA</b>	<b>1E3727DA</b>	<b>1E3728DA</b>

### Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.

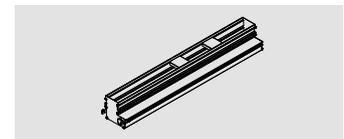
## Related codes

### Insertion Box



L	Code
348	<b>1E3729</b>
629	<b>1E3730</b>
909	<b>1E3731</b>
1189	<b>1E3732</b>

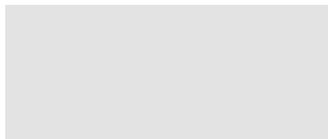
Outer casing for Jedi Compact with remote driver.



L	Code
629	<b>1E3733</b>
909	<b>1E3734</b>
1189	<b>1E3735</b>

Outer casing for Jedi Compact with integrated driver.

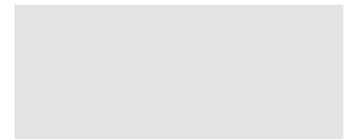
### Power Supply



Code  
**1E3557**

EL power supply version kit composed of a aluminium watertight box (LxHxP=270x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 3G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).

For the L 312.5/344mm versions.

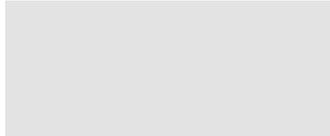


Code  
**1E3558**

EL power supply version kit composed of a aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 3G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).

For the L 593.5/625/873.5/905/1153.5/1185mm versions.

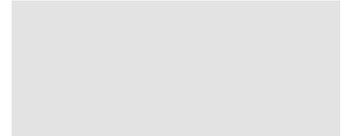
# JEDI COMPACT



Code

**1E3559**

DALI power supply version kit composed of a aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 5G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).  
For the L 312.5/344/593.5/625mm versions.



Code

**1E3560**

DALI power supply version kit composed of a aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 5G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).  
For the L 873.5/905/1153.5/1185mm versions.

## Accessories

### Tool

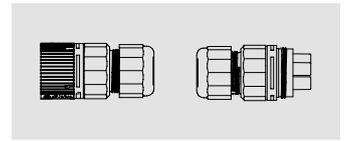


Code

**1E3305**

(Tightening) wrench for the connector kit.

### Connector

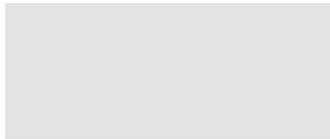


Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

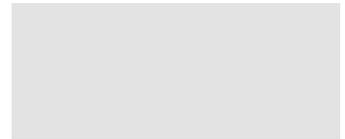
### Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.



# MERCURE

## GENERAL INFO

Inground linear fixture.  
Lengths: 300mm - 600mm

## LED

Linear boards  
From 74lm to 1750lm  
3000K – 4000K – RGB  
Ra84 – Ra80

## PRODUCT EFFICACY

Up to 59lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic

## MATERIAL

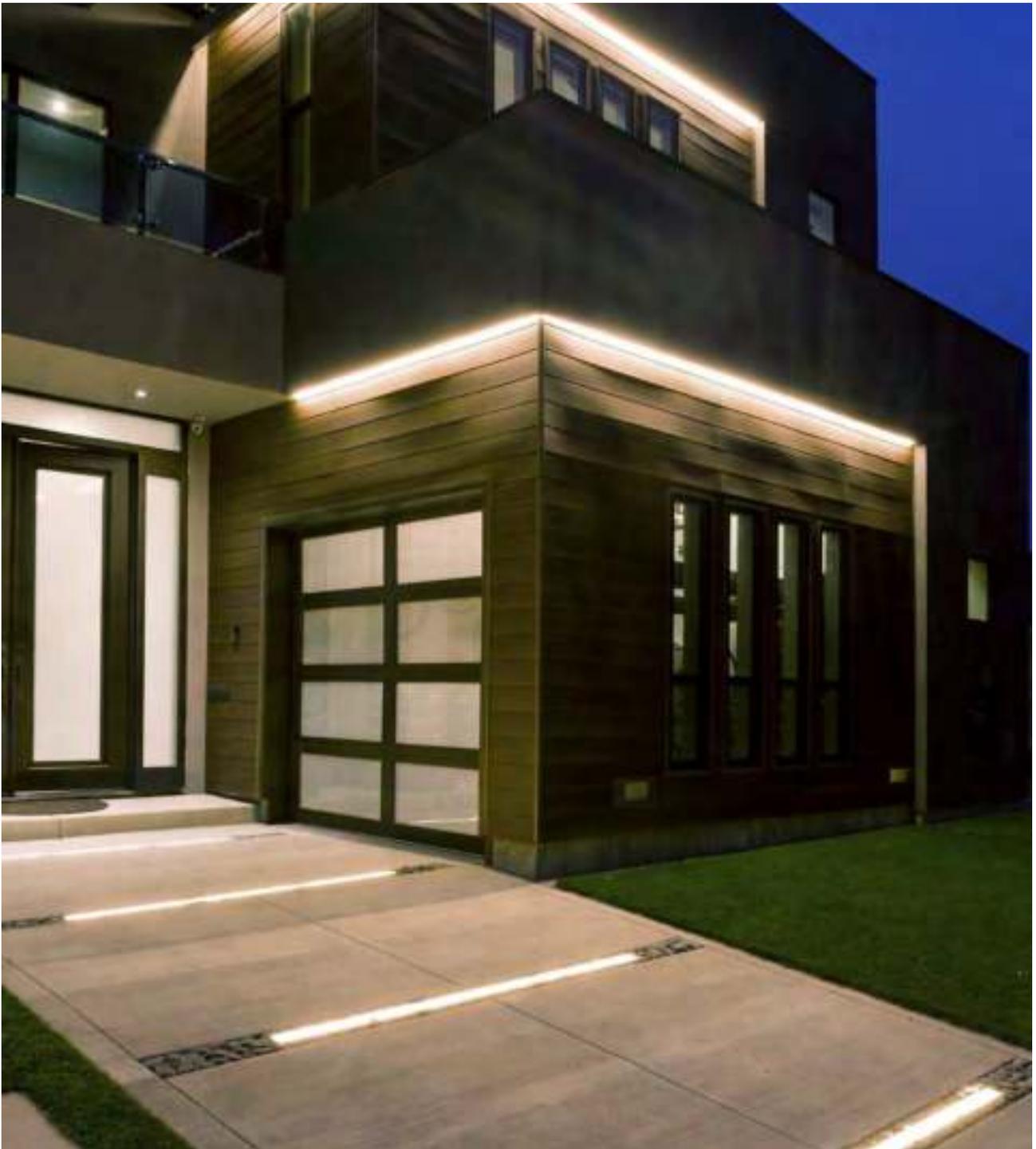
Die-cast aluminium housing.  
Anti slip, flush, tempered safety glass.

A range of compact inground recessed linear light fixtures with a flush “all glass” finish” for particularly striking and elegant installation in continuous rows. Mercure comes in three different sizes to light shapes with monochromatic or RGB light.

The larger versions combine elegance and high performance; the smaller version combines a compact size, elegant design and resistance in a unique linear glass fixture that can meet walk-over requirements.

The cataphoresis treatment of MINI MERCURE makes it possible for installations of up to 1 metre away from the sea.





## Private Residence

**Photographer**  
©SAC Design

**Country**  
Huntington Beach,  
USA

# MERCURE



## Light-line



### LED / 12W / VWFL



	3000K	H(m)	D(m)	Imax(β)
Beam	50°			
Fixture Power	12W	3	3.21	278
Mounting Hole	1.7(20mm)	1	0.44	46
Fixture Size	48mm	1	0.44	11
Efficiency	110lm/W	4	12.85	17
ICLM Imax=200Lumen Max	278lm	6	36.07	11

Driver	Colour	3000K	4000K
EL.		<b>1E2274</b>	<b>1E2275</b>

### T16 G5 / 24W / VWFL



	3000K	H(m)	D(m)	Imax(β)
Beam	50°			
Fixture Power	24W	3	3.43	370
Mounting Hole	1.7(20mm)	1	0.44	46
Fixture Size	48mm	1	0.44	30
Efficiency	110lm/W	4	12.85	11
ICLM Imax=200Lumen Max	370lm	6	54.24	7

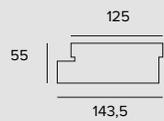
Driver	Colour	Code
EL.		<b>1E2272</b>

### Note

Supplied with an IP68 coaxial connection kit.

## Related codes

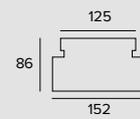
### Insertion Box



Code

**1E2264**

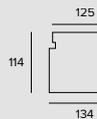
Anodized aluminium insertion box available in three different heights to satisfy any installation need.  
Complete with removable end caps for in-line installation.  
Low.



Code

**1E2265**

Anodized aluminium insertion box available in three different heights to satisfy any installation need.  
Complete with removable end caps for in-line installation.  
Medium.



Code

**1E2266**

Anodized aluminium insertion box available in three different heights to satisfy any installation need.  
Complete with removable end caps for in-line installation.  
High.

## Accessories

### Tool



Code

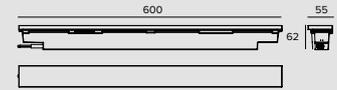
**1E0388**

Sucker tool to raise the glass.

# MERCURE



## MINIMERCURE LED



**LED / 8W / VWFL** 1.8 IP67 IK05 15m 3A

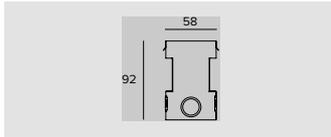
Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 3	24Vdc			<b>1E3406</b>	<b>1E3407</b>
CLASS 2	220-240Vac	EL.		<b>1E3404</b>	<b>1E3405</b>



3000K
Kali
Fixture Power 8W
Mounting Hole 1300mm
Fixture Size 2000mm
Efficiency 117lm/W

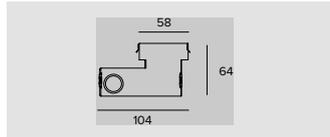
## Related codes

**Insertion Box**



Code  
**1E2382**

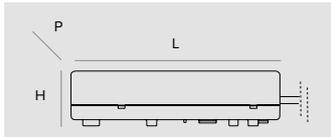
Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete.  
Vertical



Code  
**1E2383**

Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete.  
Horizontal

**Power Supply**

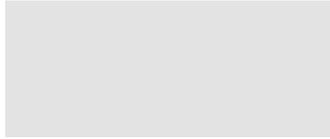


Code  
**1T3586**

Electronic power supply 75W, LxHxP=130x32x80mm, 220-240V, 24V-DC, IP67.



# MERCURE



Code

**1T2245**

## SECS 36 -IP20

Power supply and Control System SECS Scene Effect Control System.

SECS 36 drivers combine the following 3 functions in a single unit: power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.

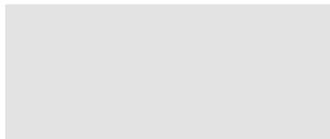
The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.

SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.

35W output.

## Accessories

### Cable

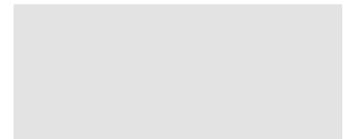


Code

**1T1932**

Standard DMX cable (1 twisted pair + shield, 120Ohm).

### Control systems



Code

**1T1898**

my-SCENARIO Show Store.

Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.

The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.

The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.

The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).

The programmed light shows can be transferred to different control interfaces.



# MICROMERCURE



LED / 3W / VWFL					
	3000K	Power supply	Colour	3000K	4000K
	Kalk	12Vdc		<b>1E2267</b>	<b>1E2268</b>
Fixture Power	3W				
Mounting Hole	34mm				
Fixture Size	34mm				
IP Rating	IP67				
IK Rating	IK08				
Beam Angle	120°				

## Related codes

**Insertion Box**

Code  
**1E2269**

Galvanized metal insertion box.  
Complete with removable end caps for in-line installation.

**Power Supply**

Code  
**T1585**

Electronic power supply for 10/20W LED, LxHxP=145x19x55mm, 110-240V/220-240V-AC, 12V-DC, IP20.  
Non-dimmable.  
For Micromercure: up to 6 fixtures connected in parallel.

Code  
**T1586**

Electronic power supply for 70W LED, LxHxP=225x51x65mm, 220-240V-AC, 12V-DC, IP65.  
Non-dimmable.  
For Micromercure: up to 22 fixtures connected in parallel.

# KEPLERO

## GENERAL INFO

Recessed professional projector.  
ø280mm - ø161mm

## LED

Chip on board for ZOOM – WALL WASHER versions  
Emitter for RGBW – GIMBAL versions  
From 826lm to 4665lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Up to 106lm/W

## OPTICS

SP – FL – MWFL – WFL  
WALL WASHER

## POWER SUPPLY

Electronic – DALI – 1-10V

## MATERIAL

Anodized and black painted die-cast aluminium body.  
Brushed stainless steel ultra flat decorative ring with  
bevelled edge.

A complete range of recessed LED up-lights for outdoor lighting. The two different sizes with a wide range of optics with white LED or RGBW lamps with different lumens are the expression of versatility and performance.





## The Pools

**Architect**  
Studio K1

**Photographer**  
©Brad Nelson

**Country**  
Irvine - USA

01  
Keplero



**ZOOM**  
Spot, Flood, Medium wide  
Flood, Wide flood



**GIMBAL**  
Narrow spot, Flood,  
Flood rectangle



**GIMBAL HP**  
Narrow spot, Spot, Flood



**WALL WASHER**

## A powerful solution

And an ideal and flexible choice for lighting large and small public spaces, building facades and trees given its size and high performance.

---

## 02 Keplero Mini



**ZOOM**  
Spot, Flood, Medium wide flood,  
Wide flood



**GIMBAL**  
Spot, Flood



**HI-EFFICACY**  
Spot, Flood, Medium wide flood

### A compact version

With only 166mm in diameter and has a maximum installation depth of just 200mm. It takes its technology and flexibility from the large version but given its dimensions and high performance it is also suitable for external lighting such as building facades and small trees.



**WALL WASHER**

## 03 Zoom



### Versions with remote or driver included

The large versions of KEPLERO are available with an integrated electronic 220-240V driver, while the KEPLERO MINI has a range with both an integrated 110-240V driver and a remote 48V driver making it easier to connect several fixtures to the same driver that is available as an accessory. Cabling is simply through IP68 connectors that are equipped for IN and OUT looping. Available with a DALI on request.

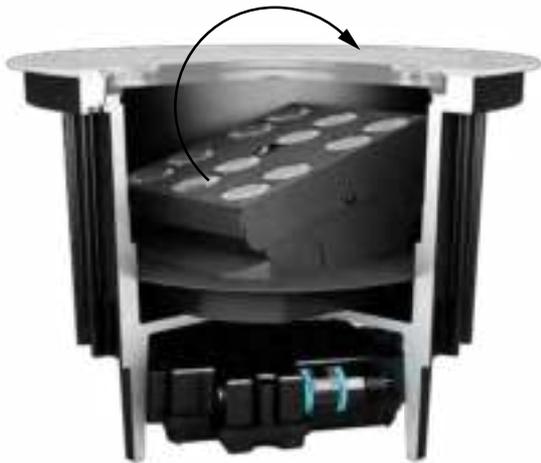
### Perfect solidity and stillness of an inground recessed fixture

Contrasts with the dynamism of a unique optical system that gives life the countless luminous effects. The effect can change at any time thanks to its innovative patented optical system.

Beam orientation is guided transferring the optical chamber towards the surface to be lit with a beam orientation of up to 20°. In just a few simple steps the fixture can change the width of the beam emission from spot to wide flood: Extraction for focusing, transfer and rotation are the three different possible movements the KEPLERO optical chamber can perform. Graded rings help to identify orientation and thus make replication simple.

---

## 04 Keplero Gimbal



### Gimbal optic

For precision lighting. A real projector given its high performance and the adjustability of the optical unit up to 40°.

---

## 05 Keplero Wall washer



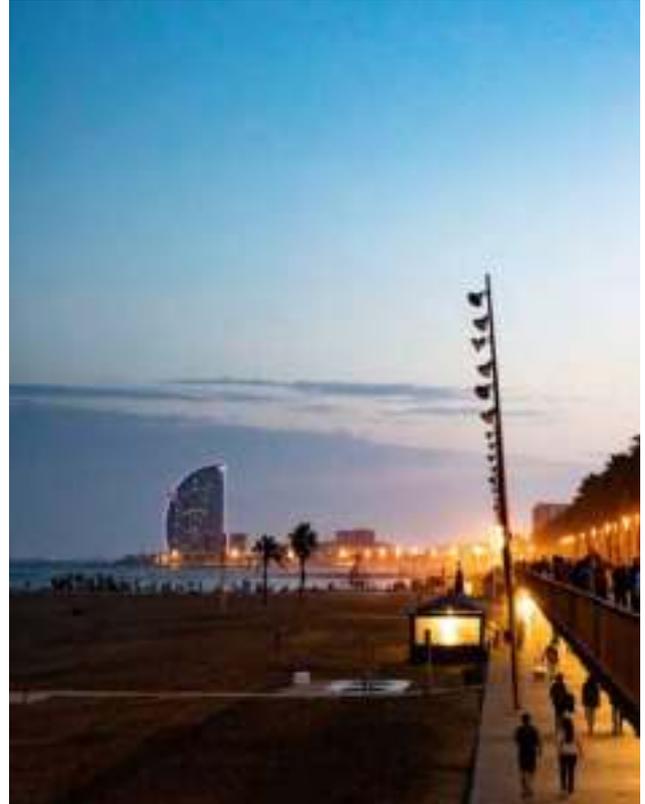
### Wall washer Optical system to light vertical surfaces uniformly

An optical system composed of a reflector and a lens that can not only guarantee complete uniformity on vertical surfaces but also excellent light diffusion from very close to the floor.



## Brushed stainless steel ring finish

Installed flush or protruding by simply removing the frame from the nylon installation sleeve available as an accessory.

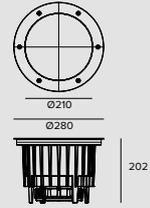


## The cataphoresis treatment of KEPLERO

range makes it possible for installations of up to 1 metre away from the sea.



Zoom



202

LED / 33W / SP, FL, MWFL, WFL



3000K		HM1	20°	3000K	
Kali		20°			
Fixture Power	30W	3	0.34	1340	
Mounting Hole	4000mm	4	0.63	2880	
Fixture Size	1300mm	3	0.03	1171	
Efficiency	87lm/W	4	0.34	716	
TM282	3000K-1300K/30W	3000K	0	0.88	148

Driver	Colour	3000K	4000K
EL.		<b>1E2386</b>	<b>1E2387</b>

3000K		HM1	20°	3000K	
Kali		20°			
Fixture Power	30W	3	0.36	799	
Mounting Hole	4000mm	4	0.63	2880	
Fixture Size	1300mm	3	0.89	883	
Efficiency	87lm/W	4	0.89	496	
TM282	3000K-1300K/30W	3000K	0	0.81	118

3000K		HM1	20°	3000K	
Kali		20°			
Fixture Power	30W	3	0.29	2324	
Mounting Hole	4000mm	4	2.30	840	
Fixture Size	1300mm	3	1.75	304	
Efficiency	87lm/W	4	0.02	179	
TM279	3000K-1300K/30W	3000K	0	0.25	289

3000K		HM1	20°	3000K	
Kali		20°			
Fixture Power	30W	3	0.79	4978	
Mounting Hole	4000mm	4	0.17	1315	
Fixture Size	1750mm	3	0.36	109	
Efficiency	77lm/W	4	0.14	286	
TM282	3000K-1750K/30W	3000K	0	0.93	183

Note

All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

Related codes

Sleeve



Code

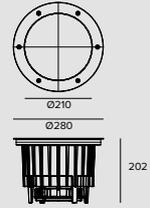
**1E2394**

Grey nylon installation sleeve.  
 The sleeve is pre-set for both flush or straight edge installation.  
 Complete with dedicated cover cap for installations in concrete.  
 Flush ring Ø 286 H.225.  
 Straight edge ring Ø 271 H. 223.

# KEPLERO



## Zoom RGBW



LED RGBW / 49W / SP, FL, MWFL, WFL



Driver	Colour	Code
EL. DMX		<b>1E2768</b>

### Note

Photometrics show the maximum emission values of fixtures.

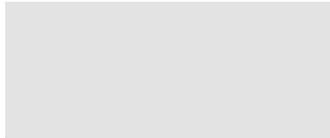
All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.

## Related codes

### Sleeve



Code

**1E2394**

Grey nylon installation sleeve.

The sleeve is pre-set for both flush or straight edge installation.

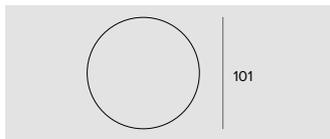
Complete with dedicated cover cap for installations in concrete.

Flush ring Ø 286 H.225.

Straight edge ring Ø 271 H. 223.

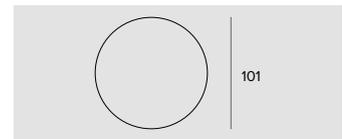
## Accessories

### Filter



Filter	Ø	Code
Red	101	<b>1T1700</b>
Green	101	<b>1T1701</b>
Blue	101	<b>1T1702</b>
Yellow	101	<b>1T1703</b>
Magenta	101	<b>1T1704</b>

Flat glass interference chromatic filter.



Ø	Code
101	<b>1T1696</b>

Flat striped glass blade light refractive filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

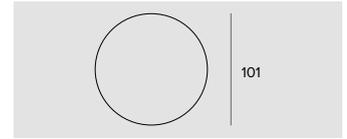
**Shutter**



Colour	Code
	<b>1E2402</b>

Half-moon shutter.

**Grid**



Ø	Code
101	<b>1T1699</b>

Anti-glare louver.  
Black painted metal honeycomb structure.

**Tool**



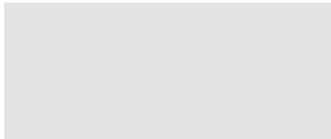
Code
<b>1E2496</b>

Metal handle for fixture removal



Code
<b>1E2495</b>

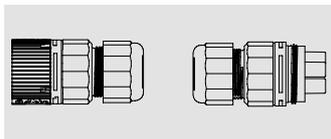
Features TORX HEAD, TX 30.



Code
<b>1E0388</b>

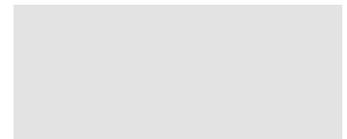
Sucker tool to raise the glass.

**Connector**



Code
<b>1E2769</b>

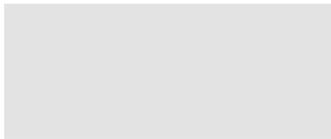
Connectors kit for 5 pole coaxial connections.  
Only for white LED version.



Code
<b>1E2494</b>

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm. IP68  
Only for white LED version.

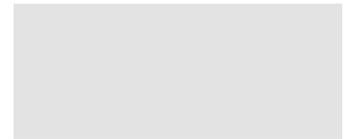
**Connector**



Code
<b>1E3184</b>

DMX connection.  
Only for RGBW LED version.

**Control systems**



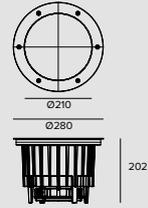
Code
<b>1E2767</b>

USB-RDM Programmer code.  
DMX-RDM (Remote Device Management) address planner.  
Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.  
To be used with all RGBW products.

# KEPLERO



## Gimbal



### LED / 11W / NSP

	3000K	4000K	5000K	6000K
Beam (°)	47	47	47	47
Fixture Power	11W	11W	11W	11W
Mounting Hole	Ø120mm	Ø120mm	Ø120mm	Ø120mm
Fixture Size	118mm	118mm	118mm	118mm
Efficiency	100lm/W	100lm/W	100lm/W	100lm/W
Beam (20°)	23172lm	23172lm	23172lm	23172lm

Driver	Colour	3000K	4000K
EL.	●	<b>1E2388</b>	<b>1E2389</b>

### LED / 11W / FL

	3000K	4000K	5000K	6000K
Beam (°)	28	28	28	28
Fixture Power	11W	11W	11W	11W
Mounting Hole	Ø120mm	Ø120mm	Ø120mm	Ø120mm
Fixture Size	118mm	118mm	118mm	118mm
Efficiency	110lm/W	110lm/W	110lm/W	110lm/W
Beam (20°)	27632lm	27632lm	27632lm	27632lm

Driver	Colour	3000K	4000K
EL.	●	<b>1E2390</b>	<b>1E2391</b>

### LED / 11W / FL RECTANGLE

	3000K	4000K	5000K	6000K
Beam (°)	47	47	47	47
Fixture Power	11W	11W	11W	11W
Mounting Hole	Ø120mm	Ø120mm	Ø120mm	Ø120mm
Fixture Size	162mm	162mm	162mm	162mm
Efficiency	100lm/W	100lm/W	100lm/W	100lm/W
Beam (20°)	22282lm	22282lm	22282lm	22282lm

Driver	Colour	3000K	4000K
EL.	●	<b>1E2392</b>	<b>1E2393</b>

## Note

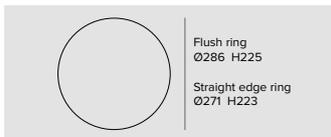
All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

## Related codes

### Sleeve



Code

**1E2394**

Grey nylon installation sleeve.

The sleeve is pre-set for both flush or straight edge installation.

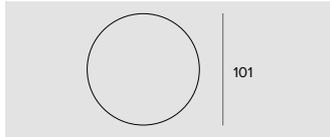
Complete with dedicated cover cap for installations in concrete.

Flush ring Ø 286 H.225.

Straight edge ring Ø 271 H. 223.

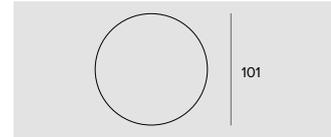
# Accessories

## Filter



Filter	Ø	Code
Red	101	<b>1T1700</b>
Green	101	<b>1T1701</b>
Blue	101	<b>1T1702</b>
Yellow	101	<b>1T1703</b>
Magenta	101	<b>1T1704</b>

Flat glass interference chromatic filter.

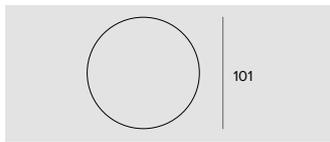


Ø	Code
101	<b>1T1696</b>

Flat striped glass blade light refractive filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

## Grid



Ø	Code
101	<b>1T1699</b>

Anti-glare louver.

Black painted metal honeycomb structure.

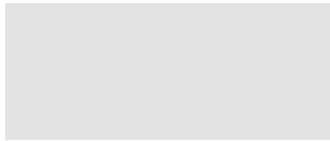
## Shutter



Colour	Code
●	<b>1E2402</b>

Half-moon shutter.

## Tool



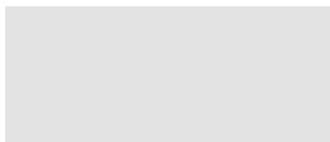
Code
<b>1E2496</b>

Metal handle for fixture removal



Code
<b>1E2495</b>

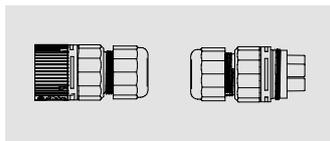
Features TORX HEAD, TX 30.



Code
<b>1E0388</b>

Sucker tool to raise the glass.

## Connector



Code
<b>1E2769</b>

Connectors kit for 5 pole coaxial connections.



Code
<b>1E2494</b>

Non DALI looping connector.

1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.

Cable diameter range from 8 to 12mm.

IP68

# KEPLERO



## Gimbal HP



202

### LED / 33W / NSP



	3000K	H(m)	D(m)	Area(m²)
Kahl			Ø	
Fixture Power	37W	3	0.34	3838
Mounting Pole	1.701m	4	0.36	2840
Fixture Size	1313mm	3	0.89	8131
Efficiency	90lm/W	4	0.57	4812
1000h	1000h	0	0.72	3194

Driver	Colour	3000K	4000K
EL.	●	<b>1E3050</b>	<b>1E3053</b>

### LED / 33W / SP



	3000K	H(m)	D(m)	Area(m²)
Kahl			Ø	
Fixture Power	37W	3	0.52	3807
Mounting Pole	1.701m	4	0.44	4701
Fixture Size	1200mm	3	0.96	2370
Efficiency	90lm/W	4	0.57	1394
1000h	1000h	0	0.58	758

Driver	Colour	3000K	4000K
EL.	●	<b>1E3051</b>	<b>1E3054</b>

### LED / 33W / FL



	3000K	H(m)	D(m)	Area(m²)
Kahl			Ø	
Fixture Power	37W	3	0.53	4340
Mounting Pole	1.701m	4	0.46	2070
Fixture Size	1149mm	3	0.58	467
Efficiency	90lm/W	4	0.12	313
1000h	1000h	0	0.58	110

Driver	Colour	3000K	4000K
EL.	●	<b>1E3052</b>	<b>1E3055</b>

## Note

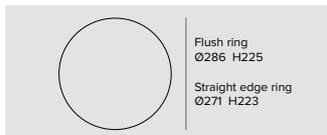
All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.

## Related codes

### Sleeve



Flush ring  
Ø286 H225

Straight edge ring  
Ø271 H223

Code

**1E2394**

Grey nylon installation sleeve.

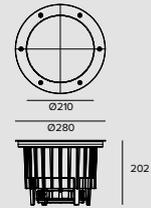
The sleeve is pre-set for both flush or straight edge installation. Complete with dedicated cover cap for installations in concrete.

Flush ring Ø 286 H.225.

Straight edge ring Ø 271 H. 223.



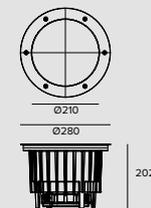
## Wall Washer



LED / 33W / WALL WASHER						
	3000K	3000K	4000K	3000K	4000K	
	Beam	30°	30°	30°	30°	
	Fixture Power	33W	3	3.40	3.41	3.41
	Mounting Hole	4000mm	3	0.36	0.22	0.68
Fixture Size	1310mm	3	0.04	0.04	0.04	
Efficiency	110lm/W	4	10.71	6.40	85	
1E2561	max=0.0000000000	1.79002	3	14.80	0.08	0.01



## Wall Washer RGBW



LED RGBW / 49W / WALL WASHER						
	3000K	3000K	4000K	3000K	4000K	
	Beam	31°	31°	31°	31°	
	Fixture Power	49W	5	5.20	5.21	5.21
	Mounting Hole	1120mm	3	0.25	0.24	0.24
Fixture Size	1120mm	3	0.25	0.21	0	
Efficiency	69lm/W	4	13.80	8.28	3	
1E3123	max=0.0000000000	6.402	3	16.98	0.80	0

### Note

Photometrics show the maximum emission values of fixtures.

All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.

## Related codes

Sleeve	
	Code
	<b>1E2394</b>

Grey nylon installation sleeve.

The sleeve is pre-set for both flush or straight edge installation. Complete with dedicated cover cap for installations in concrete.

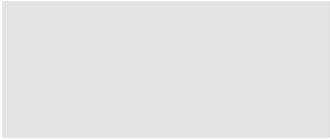
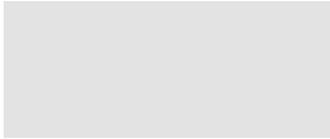
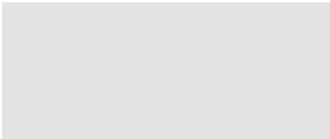
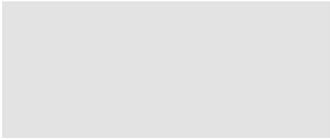
Flush ring Ø 286 H.225.

Straight edge ring Ø 271 H. 223.

## Inground recessed

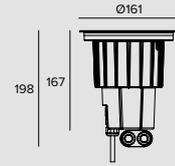
# KEPLERO

## Accessories

Tool	
	
	Code
	<b>1E2496</b>
Metal handle for fixture removal	
	
	Code
	<b>1E2495</b>
Features TORX HEAD, TX 30.	
	
	Code
	<b>1E0388</b>
Sucker tool to raise the glass.	
Connector	
	
	Code
	<b>1E3184</b>
DMX connection.	
Control systems	
	
	Code
	<b>1E2767</b>
USB-RDM Programmer code. DMX-RDM (Remote Device Management) address planner. Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section. To be used with all RGBW products.	



# Mini Zoom



**LED / 12W / ZOOM / SP, FL, MWFL, WFL**

	3000K	H(m)	D(m)	Area(m²)
Fixture Power	12W	3	0.29	910
Source Flux	1775lm	4	0.55	1428
Fixture Flux	938lm	3	0.89	683
Efficiency	60lm/W	4	0.15	207
Beam Spread	37.5°	3	0.38	129

	3000K	H(m)	D(m)	Area(m²)
Fixture Power	12W	3	0.38	268
Source Flux	1775lm	4	0.47	610
Fixture Flux	800lm	3	0.75	280
Efficiency	60lm/W	4	0.33	103
Beam Spread	30.8°	3	0.32	104

	3000K	H(m)	D(m)	Area(m²)
Fixture Power	12W	3	0.19	180
Source Flux	1775lm	4	0.27	276
Fixture Flux	1127lm	3	0.53	112
Efficiency	82lm/W	4	0.74	89
Beam Spread	19.3°	3	0.42	61

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		<b>1E2497</b>	<b>1E2498</b>
CLASS 3	48Vdc			<b>1E2499</b>	<b>1E2500</b>

	3000K	H(m)	D(m)	Area(m²)
Fixture Power	12W	3	0.39	216
Source Flux	1775lm	4	0.58	284
Fixture Flux	1265lm	3	0.97	171
Efficiency	77lm/W	4	0.90	98
Beam Spread	15.8°	3	0.99	62

## Note

All lighting fixtures have to be completed with ring and installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

## Related codes

**Sleeve**



Ø 166  
H.200

Ø	H	Code
166	200	<b>1E2521</b>

Installation sleeve.  
Grey Nylon casing.  
Round and square ring for semi-flush installation. Only round ring for flush installation.



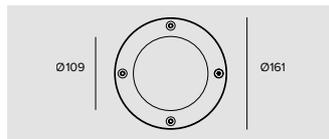
L 168  
H.200

L	H	Code
168	200	<b>1E2522</b>

Installation sleeve.  
Grey Nylon casing and stainless steel profile.  
Square ring for flush installation.

# KEPLERO

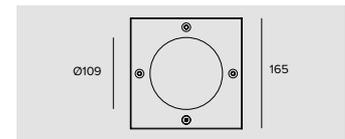
## Decorative Ring



Code

**1E2525**

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

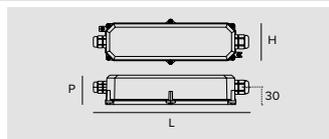


Code

**1E2526**

Brushed stainless steel (AISI316L), ultra flat square decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

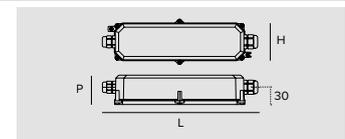
## Power Supply



Code

**1E2320**

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2321**

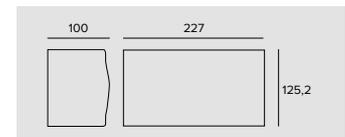
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2533**

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply.  
DIN RAIL power supply.



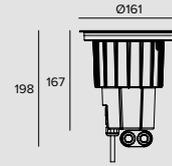
Code

**1E2323**

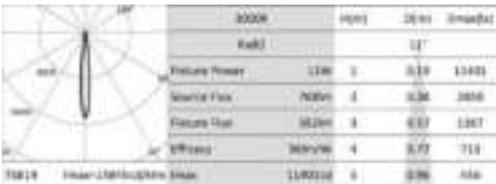
Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply - DIN RAIL power supply.



## Mini Gimbal



### LED / 8,4W / GIMBAL / SP



Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.	●	<b>1E2501</b>	<b>1E2502</b>
CLASS 3	48Vdc		●	<b>1E2505</b>	<b>1E2506</b>

### LED / 8,4W / GIMBAL / FL



Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.	●	<b>1E2503</b>	<b>1E2504</b>
CLASS 3	48Vdc		●	<b>1E2507</b>	<b>1E2508</b>

### Note

All lighting fixtures have to be completed with ring and installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

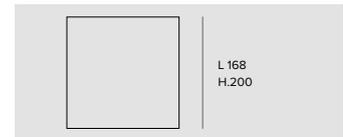
## Related codes

### Sleeve



Ø	H	Code
166	200	<b>1E2521</b>

Installation sleeve.  
Grey Nylon casing.  
Round and square ring for semi-flush installation. Only round ring for flush installation.

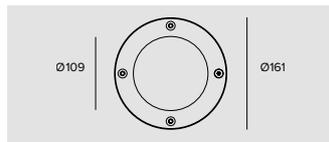


L	H	Code
168	200	<b>1E2522</b>

Installation sleeve.  
Grey Nylon casing and stainless steel profile.  
Square ring for flush installation.

# KEPLERO

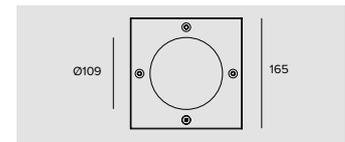
## Decorative Ring



Code

**1E2525**

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

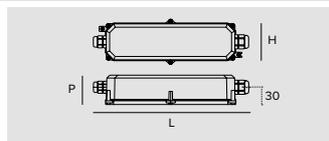


Code

**1E2526**

Brushed stainless steel (AISI316L), ultra flat square decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

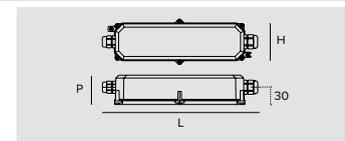
## Power Supply



Code

**1E2320**

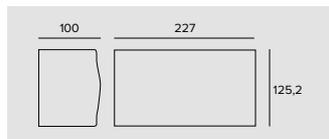
Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2321**

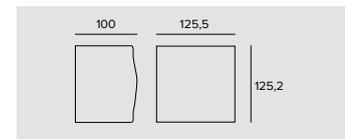
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2323**

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply - DIN RAIL power supply.



Code

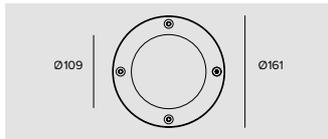
**1E2533**

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply.  
DIN RAIL power supply.



# KEPLERO

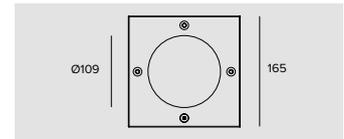
## Decorative Ring



Code

**1E2525**

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

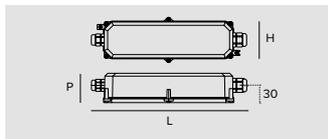


Code

**1E2526**

Brushed stainless steel (AISI316L), ultra flat square decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

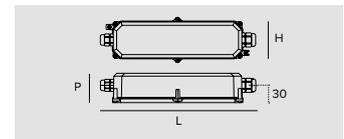
## Power Supply



Code

**1E2320**

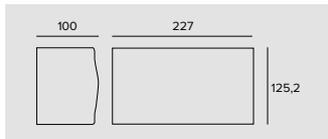
Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2321**

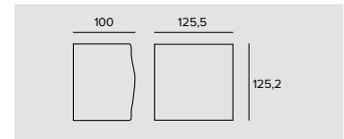
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2323**

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply - DIN RAIL power supply.



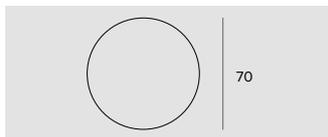
Code

**1E2533**

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply.  
DIN RAIL power supply.

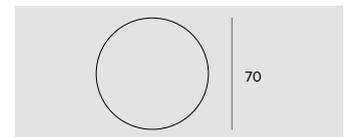
## Accessories

### Filter



Filter	Ø	Code
Red	70	<b>1T1712</b>
Green	70	<b>1T1713</b>
Blue	70	<b>1T1714</b>
Yellow	70	<b>1T1715</b>
Magenta	70	<b>1T1716</b>

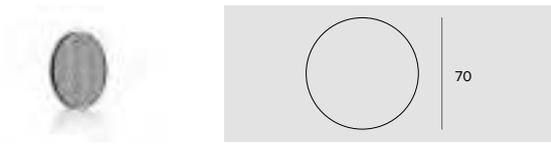
Flat glass interference chromatic filter.  
To be completed with an additional holder ring.



Ø	Code
70	<b>1T1708</b>

Flat striped glass blade light refractive filter.  
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.  
To be completed with an additional holder ring.

**Grid**



Ø Code  
70 **1T1711**

Anti-glare louver.  
Black painted metal honeycomb structure.  
To be completed with an additional holder ring.

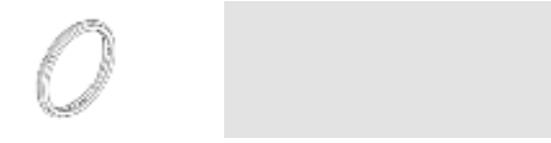
**Shutter**



Code  
**1E2523**

Black half-moon shutter.

**Holder Ring**



Code  
**1T3727**

Transparent polycarbonate accessory holder ring.

**Tool**



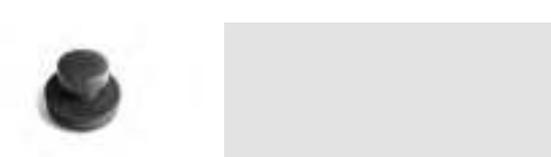
Code  
**1E2495**

Features TORX HEAD, TX 30.



Code  
**1E2524**

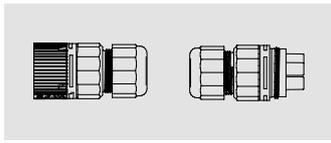
Metal handle for fixture removal



Code  
**1E0388**

Sucker tool to raise the glass.

**Connector**



Code  
**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting for the following products: Jupiter, Jupiter Mini, Saturn, Saturn Mini, and Led.Y.



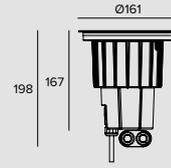
Code  
**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# KEPLERO



## Mini Wall Washer



### LED / 12W / WALL WASHER



Beam Angle	3000K		4000K	
	Beam	Beam	Beam	Beam
Beam Angle	120°	120°	120°	120°
Beam Angle	120°	120°	120°	120°
Beam Angle	120°	120°	120°	120°
Beam Angle	120°	120°	120°	120°
Beam Angle	120°	120°	120°	120°

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.	●	<b>1E3517</b>	<b>1E3518</b>
CLASS 3	48Vdc		●	<b>1E3519</b>	<b>1E3520</b>

### Note

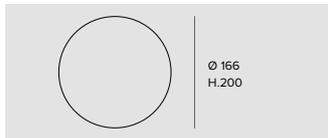
All lighting fixtures have to be completed with ring and installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation.

All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

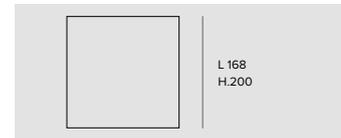
## Related codes

### Sleeve



Ø	H	Code
166	200	<b>1E2521</b>

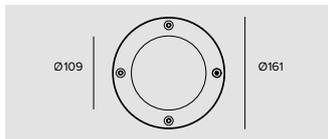
Installation sleeve.  
Grey Nylon casing.  
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	<b>1E2522</b>

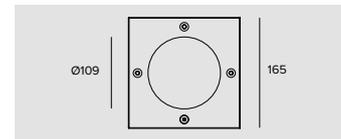
Installation sleeve.  
Grey Nylon casing and stainless steel profile.  
Square ring for flush installation.

### Decorative Ring



Code
<b>1E2525</b>

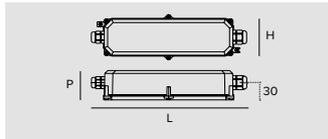
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.



Code
<b>1E2526</b>

Brushed stainless steel (AISI316L), ultra flat square decorative ring.  
10mm thick extra clear protective glass.  
Silicone gasket.  
Anti-theft Torx screws.  
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

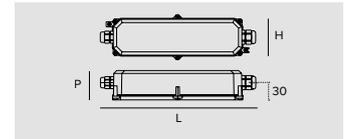
## Power Supply



Code

**1E2320**

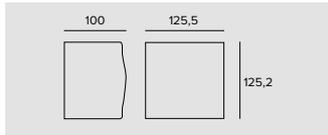
Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2321**

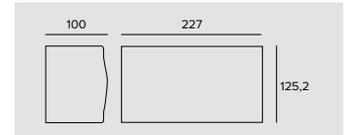
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.  
Cable length 1 meter (IN-OUT).



Code

**1E2533**

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply.  
DIN RAIL power supply.



Code

**1E2323**

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.  
Without cable.  
Complete with connector.  
Electrical panel power supply - DIN RAIL power supply.

## Accessories

### Tool



Code

**1E2495**

Features TORX HEAD, TX 30.



Code

**1E2524**

Metal handle for fixture removal



Code

**1E0388**

Sucker tool to raise the glass.

### Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.



Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# TITANO

## GENERAL INFO

Semi-recessed fixture for grazing light effect.  
ø169mm

## LED

LED Emitter multichip  
From 47lm to 181lm  
3000K – 4000K  
Ra80 – Ra83

## PRODUCT EFFICACY

Unitil 106lm/W

## OPTICS

One-emission 106°  
Double-emission 106°+106°  
Pluri-emission 4x62°

## POWER SUPPLY

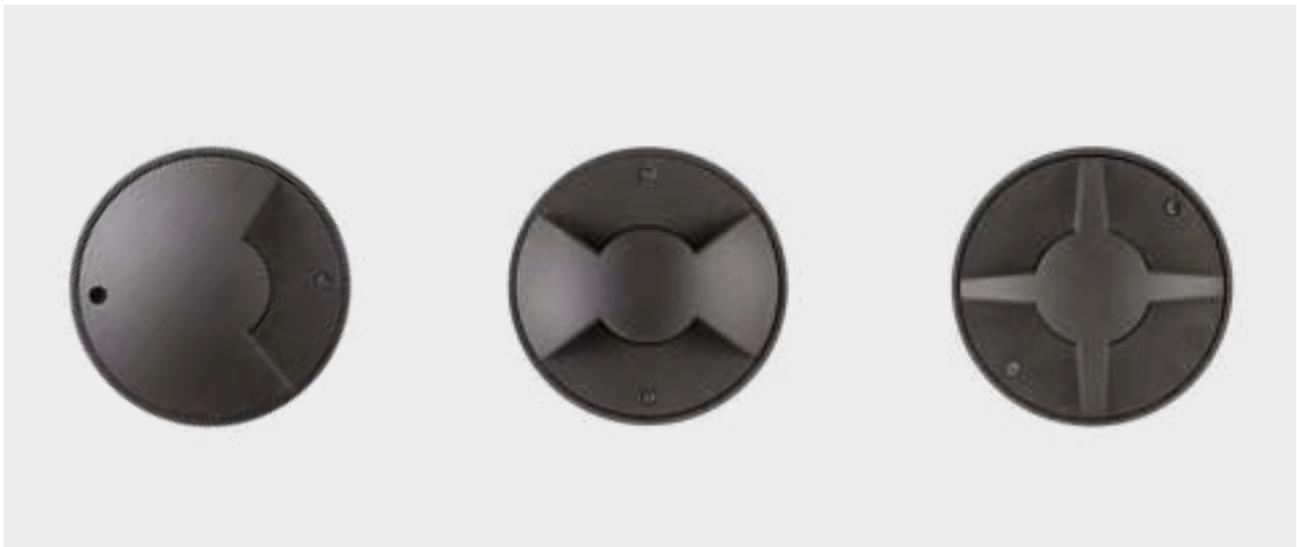
Electronic

## MATERIAL

Stainless steel body.  
Painted anodised aluminium ring and cover.

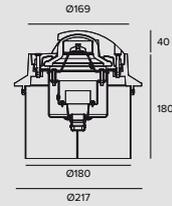
Grazing light effect inground fixture with a light that can be projected in one, two or more directions. The vertical angle is controlled by the lens to produce a glare-free effect which is highly effective on horizontal surfaces.

They meet all the requirements of standard EN 60598-2-13 regarding vehicle and pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as car parks, pedestrian zones and other designated areas

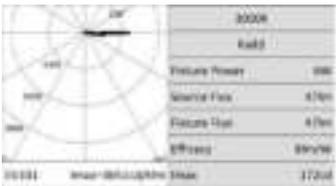




# LED

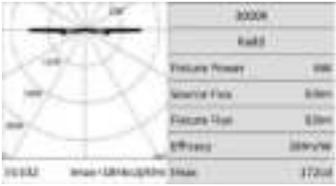


## LED / 5W / MONO-DIRECTIONAL EMISSION



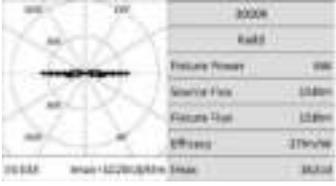
Driver	Colour	3000K	4000K
EL.	●	<b>1E2770</b>	<b>1E2771</b>

## LED / 5W / BI-DIRECTIONAL EMISSION



Driver	Colour	3000K	4000K
EL.	●	<b>1E2772</b>	<b>1E2773</b>

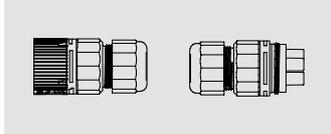
## LED / 5W / MULTIDIRECTIONAL



Driver	Colour	3000K	4000K
EL.	●	<b>1E2774</b>	<b>1E2775</b>

# Accessories

## Connector



Code  
**1E2769**

Connectors kit for 5 pole coaxial connections.



Code  
**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# JUPITER

## GENERAL INFO

Miniaturised recessed fixture  
ø80mm - ø50mm

## LED

Chip on board  
From 353lm to 1251lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Up to 101lm/W

## OPTICS

SP – FL – WFL

## POWER SUPPLY

Electronic – DALI – 1-10V  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Anodised polished aluminium body. Polished stainless steel front ring.

This fixture has a lenticular type optic that makes it possible to obtain defined, precise beams.

It has no visible screws, the ring is flared and it connects smoothly to the floor avoiding treacherous steps especially when installed in environments such as SPAs or around swimming pools, ensured by the 24V power supply system. It is easy to install and has a minimal installation depth.

There are various versions available: drive over and walk over in both diameters. The drive over versions also have solutions equipped with anti-glare grills or asymmetrical screens.

Also available in a projector version.





## Studio Ceri

**Architect**  
Studio Ceri

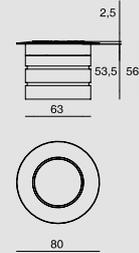
**Photographer**  
Officine  
Fotografiche

**Country**  
Prato - Italy

# JUPITER



## Walk-over



**LED / 9W / SP**

	3000K	4000K	5000K	6000K
Power supply	24Vdc	24Vdc	24Vdc	24Vdc
Colour	3000K	4000K	5000K	6000K
Product Code	1E3128	1E3129		

**LED / 9W / FL**

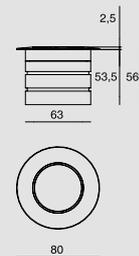
	3000K	4000K	5000K	6000K
Power supply	24Vdc	24Vdc	24Vdc	24Vdc
Colour	3000K	4000K	5000K	6000K
Product Code	1E3130	1E3131		

**LED / 9W / WFL**

	3000K	4000K	5000K	6000K
Power supply	24Vdc	24Vdc	24Vdc	24Vdc
Colour	3000K	4000K	5000K	6000K
Product Code	1E3132	1E3133		



## Driver-over



**LED / 5.5W / SP**

	2700K	3000K	4000K
Power supply	24Vdc	24Vdc	24Vdc
Colour	2700K	3000K	4000K
Product Code	1E3451	1E3454	1E3457

**LED / 5.5W / SP**

	3000K	H(m)	D(m)	Area(m²)
Beam		4.0'	4.0'	
Fixture Power	5W	0.7%	0.26	490
Source Flux	817lm	4	1.57	171
Fixture Flux	460lm	4	1.26	77
Efficiency	57lm/W	4	1.25	40
1E3458	5W	0.8%	0.81	38

Power supply	Colour	2700K	3000K	4000K
24Vdc		<b>1E3452</b>	<b>1E3455</b>	<b>1E3458</b>

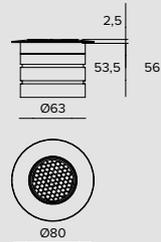
**LED / 5.5W / SP**

	3000K	H(m)	D(m)	Area(m²)
Beam		3.0'	3.0'	
Fixture Power	5W	0.7%	1.06	189
Source Flux	817lm	4	2.15	147
Fixture Flux	583lm	4	1.13	80
Efficiency	163lm/W	4	1.40	37
1E3451	5W	0.8%	1.08	35

Power supply	Colour	2700K	3000K	4000K
24Vdc		<b>1E3453</b>	<b>1E3456</b>	<b>1E3459</b>



**Driver-over with grid**



**LED / 5.5W / SP**

	3000K	H(m)	D(m)	Area(m²)
Beam		3.0'	3.0'	
Fixture Power	5W	0.7%	0.87	190
Source Flux	817lm	4	0.78	116
Fixture Flux	460lm	4	0.71	117
Efficiency	163lm/W	4	1.48	119
1E3476	5W	0.8%	0.80	82

Power supply	Colour	2700K	3000K	4000K
24Vdc		<b>1E3471</b>	<b>1E3474</b>	<b>1E3477</b>

**LED / 5.5W / SP**

	3000K	H(m)	D(m)	Area(m²)
Beam		3.0'	3.0'	
Fixture Power	5W	0.7%	0.80	189
Source Flux	817lm	4	1.2%	1.21
Fixture Flux	516lm	4	1.20	86
Efficiency	163lm/W	4	1.22	34
1E3472	5W	0.8%	1.02	41

Power supply	Colour	2700K	3000K	4000K
24Vdc		<b>1E3472</b>	<b>1E3475</b>	<b>1E3478</b>

**LED / 5.5W / SP**

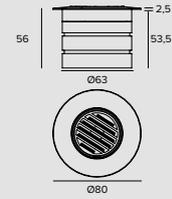
	3000K	H(m)	D(m)	Area(m²)
Beam		4.0'	4.0'	
Fixture Power	5W	0.7%	0.80	189
Source Flux	817lm	4	0.81	146
Fixture Flux	516lm	4	0.81	80
Efficiency	163lm/W	4	1.22	34
1E3473	5W	0.8%	1.02	35

Power supply	Colour	2700K	3000K	4000K
24Vdc		<b>1E3473</b>	<b>1E3476</b>	<b>1E3479</b>

# JUPITER



## Driver-over with asymmetric screen



LED / 5.5W / SP						
	3000K	2700K	3000K	4000K		
	1E3489	1E3492	1E3495			
Fixture Power	5W	5	5.25	5.25	5.13	
Mounting Hole	Ø80mm	Ø	Ø75	Ø76	Ø8	
Fixture Size	18mm	Ø	1.13	1.24	Ø	
Efficiency	110lm/W	4	1.21	1.51	Ø	
1E3181	18mm-Ø80mm-Ø80mm	Ø	1.18	1.51	Ø	

LED / 5.5W / SP						
	3000K	2700K	3000K	4000K		
	1E3490	1E3493	1E3496			
Fixture Power	5W	5	5.25	5.25	5.13	
Mounting Hole	Ø80mm	Ø	Ø75	Ø76	Ø8	
Fixture Size	12mm	Ø	1.08	1.41	Ø	
Efficiency	110lm/W	4	1.28	1.21	Ø	
1E3180	18mm-Ø80mm-Ø80mm	Ø	1.18	1.51	Ø	

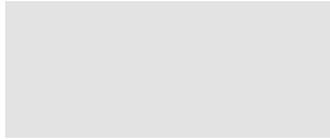
LED / 5.5W / SP						
	3000K	2700K	3000K	4000K		
	1E3491	1E3494	1E3497			
Fixture Power	5W	5	5.25	5.25	5.13	
Mounting Hole	Ø80mm	Ø	Ø75	Ø76	Ø8	
Fixture Size	12mm	Ø	1.08	1.41	Ø	
Efficiency	110lm/W	4	1.28	1.21	Ø	
1E3180	18mm-Ø80mm-Ø80mm	Ø	1.18	1.51	Ø	

## Related codes

Power Supply			
	Code		Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>	16W - 220-240Vac, 24Vdc - 110x22x52mm - IP20	<b>1E2908</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>	DALI electronic power supply	
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>	LxHxP	
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>		
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>		
Electronic power supply			Code
LxHxP			<b>1E0993</b>
		Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.	

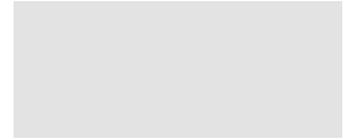
# Accessories

## Sleeve



Ø	H	Code
75	80	<b>1E3175</b>

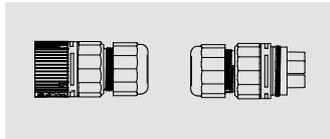
Installation sleeve.



Ø	H	Code
75	80	<b>1E3460</b>

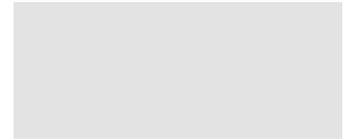
Installation sleeve.  
For the drive-over version.

## Connector



Code
<b>1E2769</b>

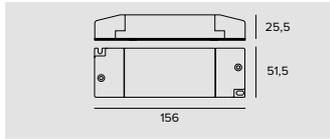
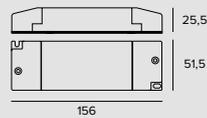
Connectors kit for 5 pole coaxial connections.  
Remote mounting for the following products: Jupiter, Jupiter Mini, Saturn, Saturn Mini, and Led.Y.



Code
<b>1E2494</b>

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

## Control systems



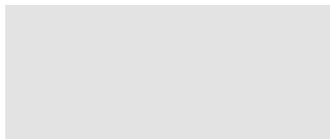
Code
<b>1T6581</b>

DALI/1-10V dimmer 12/24V.



Code
<b>1E3048</b>

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



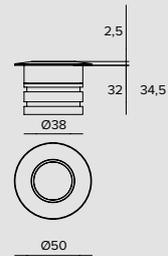
Code
<b>1E3049</b>

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# JUPITER



## Mini Walk-over



### LED / 3W / SP



	3000K	H(m)	20(m)	3000lx	
Beam				17°	
Fixture Power	9W	3	0.33	3307	
Mounting Hole	Ø38mm	4	0.63	3388	
Fixture Size	283mm	4	0.93	3398	
Efficiency	73lm/W	4	0.33	217	
1E3136	3000K	3000lx	3	0.33	85

Power supply	Colour	3000K	4000K
24Vdc	●	<b>1E3136</b>	<b>1E3137</b>

### LED / 3W / FL



	3000K	H(m)	20(m)	3000lx	
Beam				30°	
Fixture Power	9W	3	0.33	1262	
Mounting Hole	Ø38mm	4	0.63	366	
Fixture Size	283mm	4	0.93	118	
Efficiency	73lm/W	4	0.17	85	
1E3138	3000K	3000lx	3	0.17	42

Power supply	Colour	3000K	4000K
24Vdc	●	<b>1E3138</b>	<b>1E3139</b>

### LED / 3W / WFL

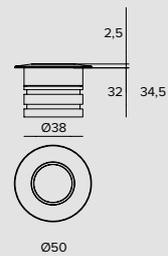


	3000K	H(m)	20(m)	3000lx	
Beam				60°	
Fixture Power	9W	3	0.33	367	
Mounting Hole	Ø38mm	4	0.63	62	
Fixture Size	Ø22mm	4	0.67	41	
Efficiency	73lm/W	4	0.43	23	
1E3140	3000K	3000lx	3	0.79	33

Power supply	Colour	3000K	4000K
24Vdc	●	<b>1E3140</b>	<b>1E3141</b>



## Mini Driver-over



### LED / 2.6W / SP



	3000K	H(m)	20(m)	3000lx	
Beam				17°	
Fixture Power	9W	3	0.33	140	
Mounting Hole	Ø38mm	4	0.63	385	
Fixture Size	133mm	4	0.63	82	
Efficiency	69lm/W	4	0.36	85	
1E3461	2700K	3000lx	3	0.70	80

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3461</b>	<b>1E3464</b>	<b>1E3467</b>

LED / 2.6W / SP



3000K		H(m)	D(m)	Area(m²)
Kahl			2.7	
Fixture Power	7W	2	0.81	100
Source Flux	107lm	4	0.88	110
Fixture Flux	117lm	4	0.81	50
Efficiency	41lm/W	4	1.75	80
1E3220	Area=0.81m²/0.9m	Area	4.84	6

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3462</b>	<b>1E3465</b>	<b>1E3468</b>

LED / 2.6W / SP

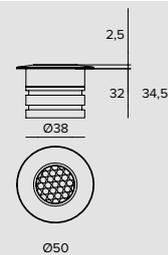


3000K		H(m)	D(m)	Area(m²)
Kahl			3.1	
Fixture Power	7W	2	0.91	100
Source Flux	107lm	4	1.18	11
Fixture Flux	118lm	4	1.70	7
Efficiency	38lm/W	4	2.07	4
1E3220	Area=2.06m²/0.9m	Area	6	2.89

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3463</b>	<b>1E3466</b>	<b>1E3469</b>



Mini Driver-over with grid



LED / 2.6W / SP



3000K		H(m)	D(m)	Area(m²)
Kahl			3.1	
Fixture Power	7W	2	0.91	100
Source Flux	107lm	4	0.78	80
Fixture Flux	118lm	4	1.10	40
Efficiency	38lm/W	4	1.07	22
1E3220	Area=1.81m²/0.9m	Area	6	2.89

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3480</b>	<b>1E3483</b>	<b>1E3486</b>

LED / 2.6W / SP



3000K		H(m)	D(m)	Area(m²)
Kahl			3.1	
Fixture Power	7W	2	0.80	100
Source Flux	107lm	4	0.80	11.7
Fixture Flux	93lm	4	1.10	52
Efficiency	38lm/W	4	1.03	20
1E3220	Area=0.77m²/0.9m	Area	6	2.89

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3481</b>	<b>1E3484</b>	<b>1E3487</b>

LED / 2.6W / SP



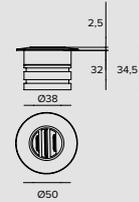
3000K		H(m)	D(m)	Area(m²)
Kahl			3.1	
Fixture Power	7W	2	0.89	100
Source Flux	107lm	4	0.88	11
Fixture Flux	81lm	4	0.81	52
Efficiency	31lm/W	4	0.97	20
1E3220	Area=1.81m²/0.9m	Area	6	2.89

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3482</b>	<b>1E3485</b>	<b>1E3488</b>

# JUPITER



## Mini Driver-over with asymmetric screen



LED / 2.6W / SP															
<table border="1"> <tr><td>3000K</td></tr> <tr><td>Ka67</td></tr> <tr><td>Fixture Power</td><td>2.6W</td></tr> <tr><td>Mounting Height</td><td>0.27m</td></tr> <tr><td>Fixture Size</td><td>76mm</td></tr> <tr><td>Efficiency</td><td>130lm/W</td></tr> </table>	3000K	Ka67	Fixture Power	2.6W	Mounting Height	0.27m	Fixture Size	76mm	Efficiency	130lm/W	Power supply	Colour	2700K	3000K	4000K
	3000K														
Ka67															
Fixture Power	2.6W														
Mounting Height	0.27m														
Fixture Size	76mm														
Efficiency	130lm/W														
	24Vdc		<b>1E3498</b>	<b>1E3501</b>	<b>1E3504</b>										

LED / 2.6W / SP															
<table border="1"> <tr><td>3000K</td></tr> <tr><td>Ka67</td></tr> <tr><td>Fixture Power</td><td>2.6W</td></tr> <tr><td>Mounting Height</td><td>0.27m</td></tr> <tr><td>Fixture Size</td><td>76mm</td></tr> <tr><td>Efficiency</td><td>130lm/W</td></tr> </table>	3000K	Ka67	Fixture Power	2.6W	Mounting Height	0.27m	Fixture Size	76mm	Efficiency	130lm/W	Power supply	Colour	2700K	3000K	4000K
	3000K														
Ka67															
Fixture Power	2.6W														
Mounting Height	0.27m														
Fixture Size	76mm														
Efficiency	130lm/W														
	24Vdc		<b>1E3499</b>	<b>1E3502</b>	<b>1E3505</b>										

LED / 2.6W / SP															
<table border="1"> <tr><td>3000K</td></tr> <tr><td>Ka67</td></tr> <tr><td>Fixture Power</td><td>2.6W</td></tr> <tr><td>Mounting Height</td><td>0.27m</td></tr> <tr><td>Fixture Size</td><td>76mm</td></tr> <tr><td>Efficiency</td><td>130lm/W</td></tr> </table>	3000K	Ka67	Fixture Power	2.6W	Mounting Height	0.27m	Fixture Size	76mm	Efficiency	130lm/W	Power supply	Colour	2700K	3000K	4000K
	3000K														
Ka67															
Fixture Power	2.6W														
Mounting Height	0.27m														
Fixture Size	76mm														
Efficiency	130lm/W														
	24Vdc		<b>1E3500</b>	<b>1E3503</b>	<b>1E3506</b>										

## Related codes

Power Supply	
	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>
Electronic power supply LxHxP	
	Code
16W - 220-240Vac, 24Vdc - 110x22x52mm - IP20	<b>1E2908</b>
DALI electronic power supply LxHxP	
	Code
	<b>1E0993</b>
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.	

# Accessories

## Sleeve



Ø	H	Code
40	60	<b>1E3176</b>

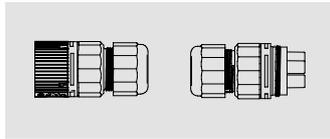
Installation sleeve.



Ø	H	Code
44	60	<b>1E3470</b>

Installation sleeve.  
For the drive-over version.

## Connector



Code
<b>1E2769</b>

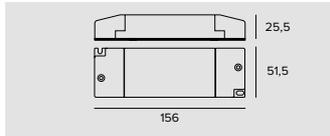
Connectors kit for 5 pole coaxial connections.  
Remote mounting.



Code
<b>1E2494</b>

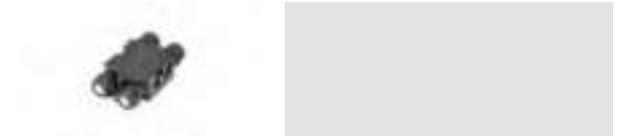
Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

## Control systems



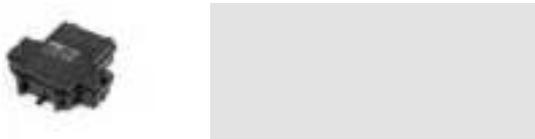
Code
<b>1T6581</b>

DALI/1-10V dimmer 12/24V.



Code
<b>1E3048</b>

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code
<b>1E3049</b>

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# SATURN

## GENERAL INFO

Miniaturised recessed fixture.  
ø35mm – ø60mm

## LED

LED Emitter  
From 353lm to 682lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Up to 10lm/W

## OPTICS

WFL

## POWER SUPPLY

Electronic – DALI – 1-10V  
Casambi control: the DALI version is fitted with special accessories.

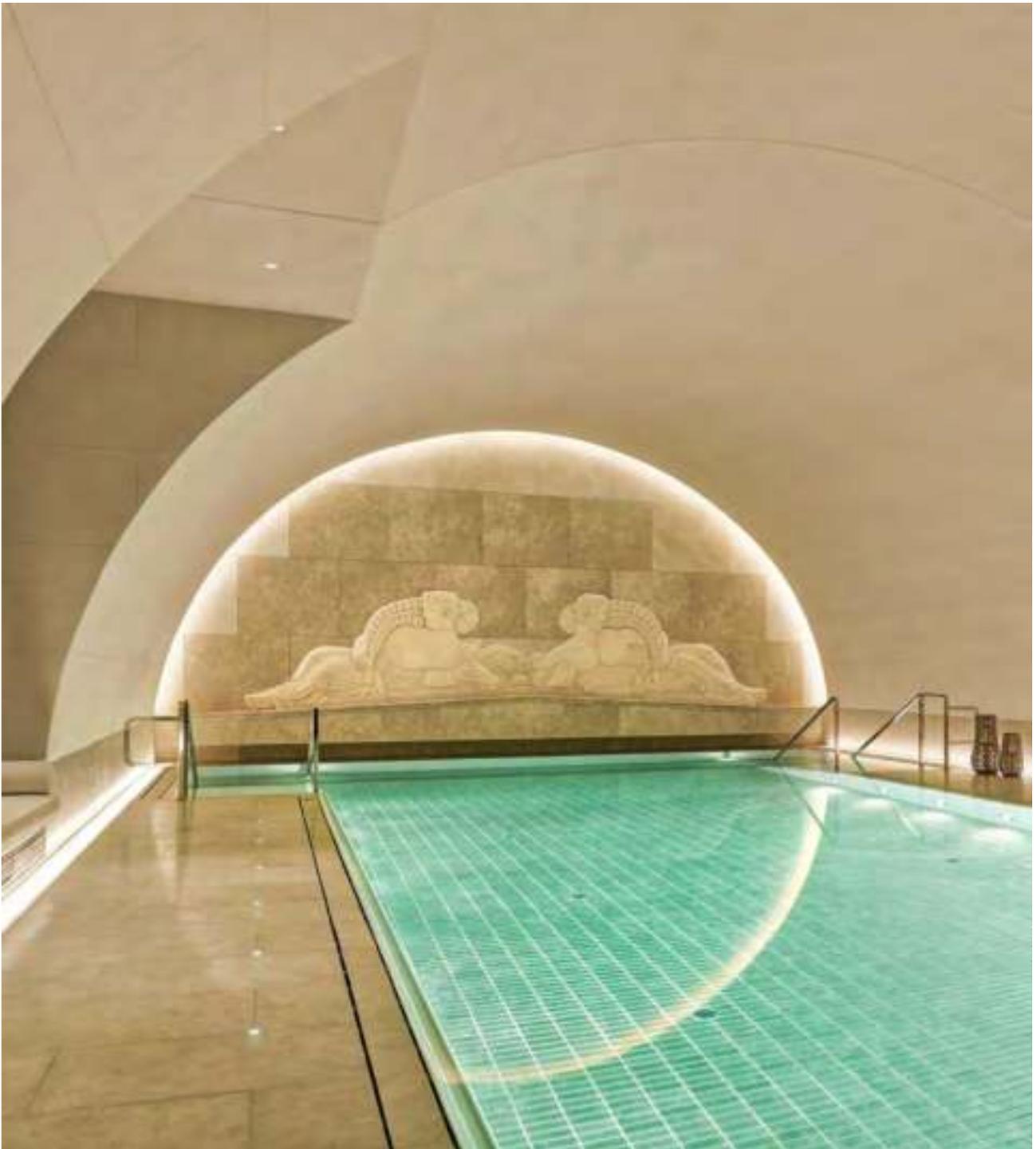
## MATERIAL

Anodised polished aluminium body. Front made entirely of screen-printed, opal white glass.

A range of miniature 24V inground fixtures with a glass finishing ring for an elegant glass only effect. It is available in two different sizes, both extremely compact and flush opal glass that screens the lamp to produce a soft light.

The 24V voltage, the absence of visible screws and the “glass only” effect make it particularly suitable for indoor installations in hospitality, SPAs or homes. The glass only finish for Saturn goes perfectly with the same aesthetic solution in the Mercure range, to light environments in different ways using the same family feeling.





## Park Hyatt

**Photographer**  
Gregor Titze

**Country**  
Wien - Austria

# SATURN



## LED / 4W / WFL



3000K	4000K	5000K	6000K
3000K	4000K	5000K	6000K
1.11	1.11	1.11	1.11
0.22	0.22	0.22	0.22
0.44	0.44	0.44	0.44
0.88	0.88	0.88	0.88
1.76	1.76	1.76	1.76
3.52	3.52	3.52	3.52
7.04	7.04	7.04	7.04
14.08	14.08	14.08	14.08
28.16	28.16	28.16	28.16
56.32	56.32	56.32	56.32
112.64	112.64	112.64	112.64
225.28	225.28	225.28	225.28
450.56	450.56	450.56	450.56
901.12	901.12	901.12	901.12
1802.24	1802.24	1802.24	1802.24
3604.48	3604.48	3604.48	3604.48
7208.96	7208.96	7208.96	7208.96
14417.92	14417.92	14417.92	14417.92
28835.84	28835.84	28835.84	28835.84
57671.68	57671.68	57671.68	57671.68
115343.36	115343.36	115343.36	115343.36
230686.72	230686.72	230686.72	230686.72
461373.44	461373.44	461373.44	461373.44
922746.88	922746.88	922746.88	922746.88
1845493.76	1845493.76	1845493.76	1845493.76
3690987.52	3690987.52	3690987.52	3690987.52
7381975.04	7381975.04	7381975.04	7381975.04
14763950.08	14763950.08	14763950.08	14763950.08
29527900.16	29527900.16	29527900.16	29527900.16
59055800.32	59055800.32	59055800.32	59055800.32
118111600.64	118111600.64	118111600.64	118111600.64
236223201.28	236223201.28	236223201.28	236223201.28
472446402.56	472446402.56	472446402.56	472446402.56
944892805.12	944892805.12	944892805.12	944892805.12
1889785610.24	1889785610.24	1889785610.24	1889785610.24
3779571220.48	3779571220.48	3779571220.48	3779571220.48
7559142440.96	7559142440.96	7559142440.96	7559142440.96
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2077841319571509204746.24	2077841319571509204746.24	2077841319571509204746.24	2077841319571509204746.24
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8311365278286036818984.96	8311365278286036818984.96	8311365278286036818984.96	8311365278286036818984.96
16622730556572073637969.92	16622730556572073637969.92	16622730556572073637969.92	16622730556572073637969.92
33245461113144147275939.84	33245461113144147275939.84	33245461113144147275939.84	33245461113144147275939.84
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132981844452576589103759.36	132981844452576589103759.36	132981844452576589103759.36	132981844452576589103759.36
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8510838044964901702640599.04	8510838044964901702640599.04	8510838044964901702640599.04	8510838044964901702640599.04
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28557633644278773656793791101665.28	28557633644278773656793791101665.28	2855763364427877365679379110	

# Accessories

## Sleeve

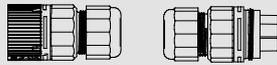


Code

**1E3177**

Installation sleeve.  
Flush installation h 70, Ø 65mm.  
Straight installation h 60, Ø 57mm.

## Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting for the following products: Jupiter, Jupiter Mini, Saturn, Saturn Mini, and Led.Y.

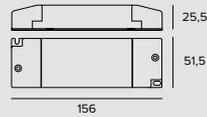


Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

## Control systems



Code

**1T6581**

DALI/1-10V dimmer 12/24V.



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# SATURN



**Mini**



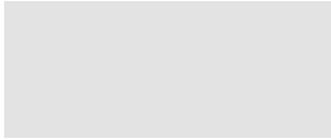
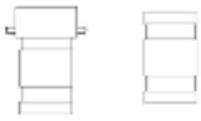
LED / 2,6W / WFL								
	3000K	4000K	5000K	6000K				
	3000K	4000K	5000K	6000K				
Power supply	24Vdc	24Vdc	24Vdc	24Vdc	3000K	4000K		
					<b>1E3146</b>	<b>1E3147</b>		

## Related codes

Power Supply	
<p>Code <b>1E3179</b></p> <p>Electronic power supply 10W, LxHxP=79x24.5x38mm, 220/240V-AC, 24V-DC, IP67.</p>	<p>Code <b>1E0993</b></p> <p>Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68. For Led.Y Multiled: up to 16 LED.Y connected in parallel.</p>
<p>Code <b>1T3726</b></p> <p>Electronic power supply 50W, LxHxP=185x22x63.5mm, 220-240V, 24V-DC, IP20.</p>	<p>Code <b>1T3586</b></p> <p>Electronic power supply 75W, LxHxP=130x32x80mm, 220-240V, 24V-DC, IP67.</p>
<p>Code <b>1T3587</b></p> <p>Electronic power supply 100W, LxHxP=230x87x43mm, 220-240V, 24V-DC, IP67.</p>	<p>Code <b>1T3588</b></p> <p>Electronic power supply 200W, LxHxP=238x42x67mm, 220-240V, 24V-DC, IP67.</p>

# Accessories

## Sleeve

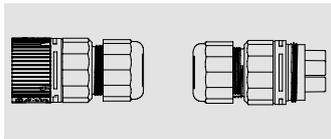


Code

**1E3178**

Installation sleeve.  
Flush installation h 70, Ø 40mm.  
Straight installation h 60, Ø 34mm.

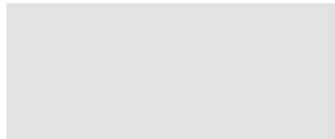
## Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting.

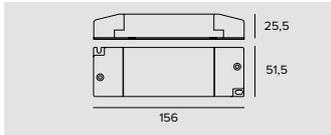


Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

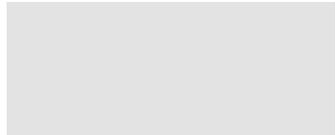
## Control systems



Code

**1T6581**

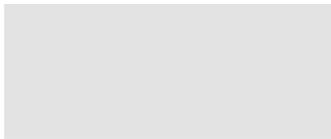
DALI/1-10V dimmer 12/24V.



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# LED.Y

## GENERAL INFO

Recessed fixture  
Multiled  
ø60mm – ø68mm  
Monoled-RGB  
ø63mm

## LED

Monoled: LED emitter  
3000K – 6000K  
From 99lm to 143lm  
Ra80  
Multiled: LED Board  
6000K – Blue – Amber  
From 1lm to 7lm  
Ra80  
RGB: RGB LED Multichip  
From 40lm to 48lm

## PRODUCT EFFICACY

Up to 99lm/W

## OPTICS

Monoled  
SP - FL  
Multiled/RGB  
VWFL

## POWER SUPPLY

Electronic

## MATERIAL

Anodised aluminium body and ring.

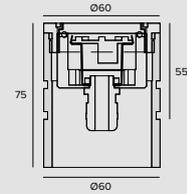
A series of miniature LED fixtures available in recessed or projector versions with monochromatic LED and RGB technology. The monochromatic versions are both mono and multi-LED.

The recessed version has a flat, flared edge and domed glass for a choreographic effect.





## Multiled flush ring - flat screen



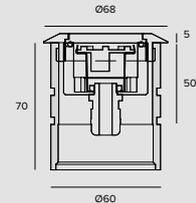
LED / 1W / VWFL



Power supply	Colour	6000K	AMBER	BLUE
24Vdc	●	<b>1E1022</b>	<b>1E1021</b>	<b>1E1028</b>



## Multiled raised ring - flat screen



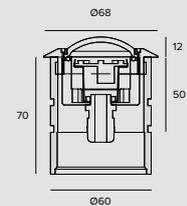
LED / 1W / VWFL



Power supply	Colour	6000K	AMBER	BLUE
24Vdc	●	<b>1E1012</b>	<b>1E1011</b>	<b>1E1018</b>



## Multiled raised ring curved screen



LED / 1W / VWFL



Power supply	Colour	6000K	AMBER	BLUE
24Vdc	●	<b>1E1002</b>	<b>1E1001</b>	<b>1E1008</b>

### Note

All LED.Y fixtures meet all the requirements of EN 60598-2-13 standard regarding pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as pedestrian zones and other designated areas.

# LED.Y

## Related codes

### Power Supply



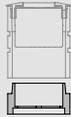
Code

**1E0993**

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.  
For Led.Y Multiled: up to 16 LED.Y connected in parallel.

## Accessories

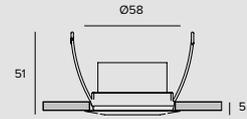
### Mounting System



Code

**1E0994**

Installation kit.  
Extension for the PVC casing.  
A wider space facilitates electrical connections.  
Water tight electrical connection system is not included.



Code

**1E0996**

Steel spring. For ceiling and wall installation.

### Tool



Code

**1E0990**

Mounting key.

### Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting.



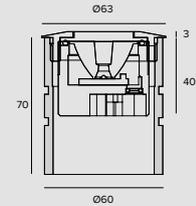
Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68



## Monoled



LED / 2W / SP										
	3000K	4000	2000	3000	Power supply	Colour	3000K	6000K		
	4000K			4000K	700mA		<b>1E2367</b>	<b>1E2368</b>		
	Fixture Power	2W	2	0.14	220					
	Mounting Hole	117mm	4	0.32	160					
	Fixture Size	118mm	4	0.46	210					
Efficiency	110lm/W	4	0.43	210						
1E270	Beam: 120°/40°/10°	Beam	2000lm	4	0.40	80				

LED / 2W / FL										
	3000K	4000	2000	3000	Power supply	Colour	3000K	6000K		
	4000K			4000K	700mA		<b>1E2369</b>	<b>1E2370</b>		
	Fixture Power	2W	2	0.40	210					
	Mounting Hole	98mm	4	0.22	96					
	Fixture Size	99mm	4	0.31	85					
Efficiency	110lm/W	4	0.42	16						
1E270	Beam: 120°/40°/10°	Beam	220lm	4	0.40	8				

### Note

All LED.Y fixtures meet all the requirements of EN 60598-2-13 standard regarding pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as pedestrian zones and other designated areas.

## Related codes

**Power Supply**

---

Code

**1E1385**

---

Electronic power supply 17W, Ø105 h74, 220-240V, 700mA - 12W, Ø105 h74, 110-120V, 700mA.

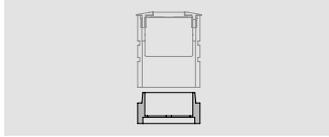
For Led.Y Monoled: it can drive up to 6 LED.Y fixtures simultaneously. Connection in series.

---

# LED.Y

## Accessories

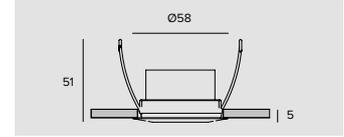
### Mounting System



Code

**1E0994**

Installation kit.  
Extension for the PVC casing.  
A wider space facilitates electrical connections.  
Water tight electrical connection system is not included.

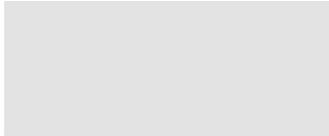


Code

**1E0996**

Steel spring. For ceiling and wall installation.

### Tool

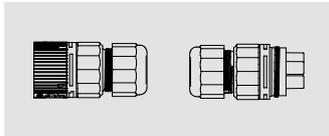


Code

**1E0990**

Mounting key.

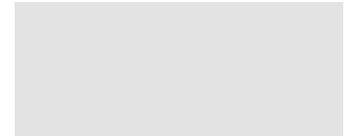
### Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting.



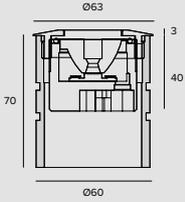
Code

**1E2494**

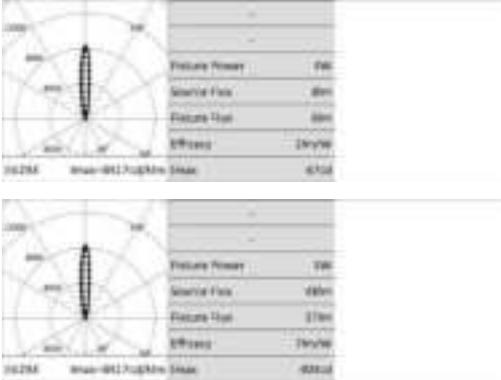
Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68



# Monoled RGB

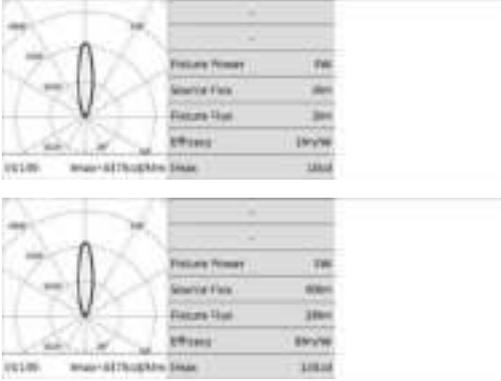


**LED RGB / 3,5W / SP**



Power supply	Colour	RGB
3x350mA	●	<b>1E1854</b>

**LED RGB / 3,5W / FL**



Power supply	Colour	RGB
3x350mA	●	<b>1E1409</b>

**Note**

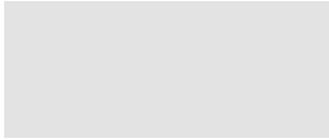
Photometrics show the maximum emission values of fixtures.

All LED.Y fixtures meet all the requirements of EN 60598-2-13 standard regarding pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as pedestrian zones and other designated areas.

# LED.Y

## Related codes

### Control systems



Code

**1E1401**

#### SECS 75 - IP67

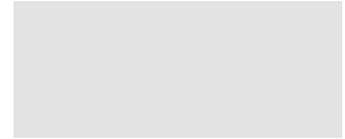
Power supply and Control System SECS Scene Effect Control System.

SECS 75 drivers combine the following 3 functions in a single unit.; power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.

The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.

SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.

75W output



Code

**1T1827**

#### SECS 75 - IP20

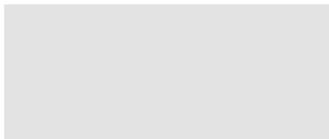
Power supply and Control System SECS Scene Effect Control System.

SECS 75 drivers combine the following 3 functions in a single unit.; power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.

The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.

SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.

75W output



Code

**1T2245**

#### SECS 36 - IP20

Power supply and Control System SECS Scene Effect Control System.

SECS 36 drivers combine the following 3 functions in a single unit.; power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.

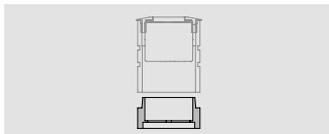
The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.

SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.

35W output

## Accessories

### Mounting System



Code

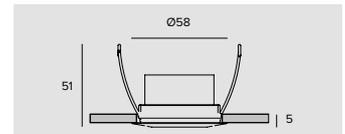
**1E0994**

Installation kit.

Extension for the PVC casing.

A wider space facilitates electrical connections.

Water tight electrical connection system is not included.



Code

**1E0996**

Steel spring. For ceiling and wall installation.

## Tool



Code

**1E0990**

Mounting key.

## Cable

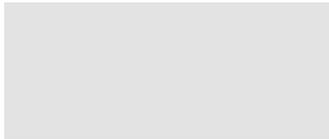


Code

**1E1713**

6-pole cable for driver output connection to Constant Current LED sources.

## Control systems



Code

**1T1898**

my-SCENARIO Show Store.

Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.

The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.

The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.

The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).

The programmed light shows can be transferred to different control interfaces.

Outdoor

**Projectors**

# Linear projectors



630  
JEDI



642  
JEDI COMPACT

# Projectors



656  
DART



662  
DART MEDIUM



669  
DART MINI



674  
PYROS



682  
NANO PYROS



687  
PICO PYROS



688  
JUPITER PRO



699  
JUPITER



702  
LED.Y



# JEDI

## Projector

### GENERAL INFO

Adjustable linear projector.  
Lengths 616mm – 916mm – 1216mm

### LED

Optics FL, GR, WW - Linear boards  
Optic SP - LED Emitter  
Version RGBW - LED Emitter  
From 632lm to 7180m  
3000K – 4000K – RGBW  
Ra84

### PRODUCT EFFICACY

Unitil 113lm/W

### OTTICHE

SP – FL – GRAZING – WALL WASHER

### POWER SUPPLY

Electronic – DALI

### MATERIAL

Extruded anodised aluminium body.  
Extra clear glass flat screen.  
Black polycarbonate driver box.

A coordinated range of linear projectors for lighting large surfaces.

A coordinated range of linear projectors for lighting wide surfaces. The multiplicity of effects, installation flexibility, three different lengths and the possibility to camouflage them into the architecture make them fundamental tools for lighting large surfaces.

The accessory fixing system allows the projector to be adjusted with aim locking.

Completely sealed housing complete - external electrical connection through IP68 connectors.

Also available Inground and RGB versions.





## Four different effects

Spot and Flood optics to obtain more concentrated, precise lighting.  
 Grazing Optic for a grazing, uniform light effect for installation near to the wall to be illuminated. Wall Washer Optic for a completely homogeneous effect on the wall, thus avoiding any bright stripes or separate beams that are typical of linear fixtures that are fitted with visible LED strips.

## The different lengths have proportioned lumen packets to suit each one

The different lengths have proportioned lumen packets to suit each one. The same quantity of light per linear metre makes it possible to light every surface in a uniform way irrespective of the length of the fixture used.



## Projector L. 616mm



LED / 23W / SPOT		<span>±</span> <span>2.4</span> <span>IP66</span> <span>IP67</span> <span>IK08</span>				
	3000K	4000K	3000K	4000K		
	Beam		10°			
	Fixture Power	23W	3	3.16	3270	
	Mounting Hole	130/136	4	0.27	0.20	
	Fixture Size	130/136	4	0.27	0.20	
Efficiency	120lm/W	4	3.73	3314		
T8822	max=240/140/130mm	max=120/122	4	0.16	1.38	

Driver	Colour	3000K	4000K
EL.	●	<b>1E2653</b>	<b>1E2654</b>
DALI	●	<b>1E2655</b>	<b>1E2656</b>

LED / 12W / FLOOD		<span>±</span> <span>2.4</span> <span>IP66</span> <span>IP67</span> <span>IK08</span>				
	3000K	4000K	3000K	4000K		
	Beam		8°	12°		
	Fixture Power	12W	3	1.81	0.57	1.82
	Mounting Hole	170/176	4	0.46	1.35	0.60
	Fixture Size	170/176	4	0.33	1.26	1.14
Efficiency	88lm/W	4	0.27	0.27	75	
T8822	max=170/140/130mm	max=170/122	4	0.21	2.81	88

Driver	Colour	3000K	4000K
EL.	●	<b>1E2605</b>	<b>1E2606</b>
DALI	●	<b>1E2607</b>	<b>1E2608</b>

LED / 24W / FLOOD		<span>±</span> <span>2.4</span> <span>IP66</span> <span>IP67</span> <span>IK08</span>				
	3000K	4000K	3000K	4000K		
	Beam		8°	12°		
	Fixture Power	24W	3	1.81	0.57	2.02
	Mounting Hole	160/166	4	0.46	1.35	0.66
	Fixture Size	160/166	4	0.33	1.26	1.00
Efficiency	110lm/W	4	0.27	0.27	119	
T8822	max=170/140/130mm	max=160/122	4	0.21	2.81	86

Driver	Colour	3000K	4000K
EL.	●	<b>1E2609</b>	<b>1E2610</b>
DALI	●	<b>1E2611</b>	<b>1E2612</b>

LED / 12W / WALL WASHER		<span>±</span> <span>2.4</span> <span>IP66</span> <span>IP67</span> <span>IK08</span>				
	3000K	4000K	3000K	4000K		
	Beam		11°	19°		
	Fixture Power	12W	3	0.23	1.30	1.16
	Mounting Hole	170/176	4	0.23	2.67	2.88
	Fixture Size	170/176	4	0.20	0.23	1.18
Efficiency	88lm/W	4	11.47	5.91	72	
T8822	max=170/140/130mm	max=170/122	4	14.08	6.89	80

Driver	Colour	3000K	4000K
EL.	●	<b>1E2629</b>	<b>1E2630</b>
DALI	●	<b>1E2631</b>	<b>1E2632</b>

LED / 24W / WALL WASHER		<span>±</span> <span>2.4</span> <span>IP66</span> <span>IP67</span> <span>IK08</span>				
	3000K	4000K	3000K	4000K		
	Beam		11°	19°		
	Fixture Power	24W	3	0.23	1.30	1.19
	Mounting Hole	160/166	4	0.23	2.67	3.75
	Fixture Size	167/166	4	0.20	0.23	1.14
Efficiency	120lm/W	4	11.47	5.91	114	
T8822	max=170/140/130mm	max=160/122	4	14.08	6.89	80

Driver	Colour	3000K	4000K
EL.	●	<b>1E2633</b>	<b>1E2634</b>
DALI	●	<b>1E2635</b>	<b>1E2636</b>

**LED / 12W / GRAZING** ⊕ 2.4 IP66 IP67 IK08

Beam	Beam-1800(L)916(H) Beam	3000K		4000K		
		Beam	Beam	Beam	Beam	
Beam	Beam	30°	30°	30°	30°	
Fixture Power	12W	0	1.25	0.26	2754	
Mounting Hole	1720mm	4	0.20	0.34	888	
Fixture Heat	1438mm	4	4.80	0.71	300	
Efficiency	80lm/W	4	9.20	1.02	272	
Beam	Beam	2754mm	4	1.76	1.26	110

Driver	Colour	3000K	4000K
EL.	●	<b>1E2581</b>	<b>1E2582</b>
DALI	●	<b>1E2583</b>	<b>1E2584</b>

**LED / 24W / GRAZING** ⊕ 2.4 IP66 IP67 IK08

Beam	Beam-1800(L)916(H) Beam	3000K		4000K		
		Beam	Beam	Beam	Beam	
Beam	Beam	30°	30°	30°	30°	
Fixture Power	24W	0	1.25	0.26	5474	
Mounting Hole	1620mm	4	0.20	0.34	1388	
Fixture Heat	1842mm	4	4.80	0.71	608	
Efficiency	103lm/W	4	9.21	1.02	342	
Beam	Beam	5474mm	4	1.76	1.26	218

Driver	Colour	3000K	4000K
EL.	●	<b>1E2585</b>	<b>1E2586</b>
DALI	●	<b>1E2587</b>	<b>1E2588</b>



**Projector L. 916mm**



**LED / 34W / SPOT** ⊕ 3.4 IP66 IP67 IK08

Beam	Beam-1800(L)916(H) Beam	3000K		4000K		
		Beam	Beam	Beam	Beam	
Beam	Beam	10°	10°	10°	10°	
Fixture Power	34W	0	0.18	0.07	4810	
Mounting Hole	1620mm	4	0.07	0.07	1208	
Fixture Heat	1367mm	4	0.00	0.00	949	
Efficiency	40lm/W	4	0.73	0.00	320	
Beam	Beam	4810mm	4	0.00	0.00	100

Driver	Colour	3000K	4000K
EL.	●	<b>1E2657</b>	<b>1E2658</b>
DALI	●	<b>1E2659</b>	<b>1E2660</b>

**LED / 18W / FLOOD** ⊕ 3.4 IP66 IP67 IK08

Beam	Beam-1800(L)916(H) Beam	3000K		4000K		
		Beam	Beam	Beam	Beam	
Beam	Beam	30°	30°	30°	30°	
Fixture Power	18W	0	1.80	0.57	1804	
Mounting Hole	1600mm	4	0.48	1.30	645	
Fixture Heat	1307mm	4	0.33	1.70	209	
Efficiency	80lm/W	4	0.27	0.27	119	
Beam	Beam	1804mm	4	0.21	2.80	72

Driver	Colour	3000K	4000K
EL.	●	<b>1E2613</b>	<b>1E2614</b>
DALI	●	<b>1E2615</b>	<b>1E2616</b>

**LED / 36W / FLOOD** ⊕ 3.4 IP66 IP67 IK08

Beam	Beam-1800(L)916(H) Beam	3000K		4000K		
		Beam	Beam	Beam	Beam	
Beam	Beam	30°	30°	30°	30°	
Fixture Power	36W	0	1.80	0.57	3608	
Mounting Hole	1600mm	4	0.48	1.30	891	
Fixture Heat	1307mm	4	0.33	1.70	289	
Efficiency	80lm/W	4	0.27	0.27	239	
Beam	Beam	3608mm	4	0.21	2.80	145

Driver	Colour	3000K	4000K
EL.	●	<b>1E2617</b>	<b>1E2618</b>
DALI	●	<b>1E2619</b>	<b>1E2620</b>

# JEDI

## LED / 18W / WALL WASHER

± 3.4 IP66 IP67 IK08

3000K	4000K	3000K	4000K
Beam (°)	215°	90°	90°
Fixture Power	27W	3	0.21
Mounting Fix	1800mm	4	0.21
Fixture Heat	13000m	4	0.21
Efficiency	88lm/W	4	12.47
Beam (mm)	1800x120	4	0.21

Driver	Colour	3000K	4000K
EL.	●	<b>1E2637</b>	<b>1E2638</b>
DALI	●	<b>1E2639</b>	<b>1E2640</b>

## LED / 36W / WALL WASHER

± 3.4 IP66 IP67 IK08

3000K	4000K	3000K	4000K
Beam (°)	215°	90°	90°
Fixture Power	40W	3	0.21
Mounting Fix	1800mm	4	0.21
Fixture Heat	18000m	4	0.21
Efficiency	88lm/W	4	12.47
Beam (mm)	1800x120	4	0.21

Driver	Colour	3000K	4000K
EL.	●	<b>1E2641</b>	<b>1E2642</b>
DALI	●	<b>1E2643</b>	<b>1E2644</b>

## LED / 18W / GRAZING

± 3.4 IP66 IP67 IK08

3000K	4000K	3000K	4000K
Beam (°)	90°	15°	15°
Fixture Power	27W	3	0.25
Mounting Fix	1800mm	4	0.25
Fixture Heat	13000m	4	0.25
Efficiency	87lm/W	4	0.25
Beam (mm)	1800x120	4	0.25

Driver	Colour	3000K	4000K
EL.	●	<b>1E2589</b>	<b>1E2590</b>
DALI	●	<b>1E2591</b>	<b>1E2592</b>

## LED / 36W / GRAZING

± 3.4 IP66 IP67 IK08

3000K	4000K	3000K	4000K
Beam (°)	90°	15°	15°
Fixture Power	40W	3	0.25
Mounting Fix	1800mm	4	0.25
Fixture Heat	18000m	4	0.25
Efficiency	107lm/W	4	0.25
Beam (mm)	1800x120	4	0.25

Driver	Colour	3000K	4000K
EL.	●	<b>1E2593</b>	<b>1E2594</b>
DALI	●	<b>1E2595</b>	<b>1E2596</b>



**Projector L. 1216mm**



## LED / 46W / SPOT

± 4.4 IP66 IP67 IK08

3000K	4000K	3000K	4000K
Beam (°)	30°	30°	30°
Fixture Power	51W	3	0.18
Mounting Fix	1800mm	4	0.18
Fixture Heat	11000m	4	0.18
Efficiency	87lm/W	4	0.18
Beam (mm)	600x120	4	0.18

Driver	Colour	3000K	4000K
EL.	●	<b>1E2661</b>	<b>1E2662</b>
DALI	●	<b>1E2663</b>	<b>1E2664</b>

**LED / 24W / FLOOD**



		3000K	HM1 (31°) (32°) (33°) (34°) (35°)	
		Kukl	8°	32°
Fixture Power	20W	3	1.81	0.57
Mounting Fix	1400mm	4	0.48	1.35
Fixture Size	1570mm	4	0.33	1.26
EffPower	82lm/W	4	1.37	3.27
TI8000	max=10000lm Beam	2000lm	4	6.21

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2621</b>	<b>1E2622</b>
DALI	<input type="radio"/>	<b>1E2623</b>	<b>1E2624</b>

**LED / 48W / FLOOD**



		3000K	HM1 (31°) (32°) (33°) (34°) (35°)	
		Kukl	8°	32°
Fixture Power	52W	3	1.81	0.57
Mounting Fix	4800mm	4	0.48	1.35
Fixture Size	1111mm	4	0.33	1.26
EffPower	96lm/W	4	1.37	3.27
TI8000	max=10000lm Beam	4380lm	4	6.21

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2625</b>	<b>1E2626</b>
DALI	<input type="radio"/>	<b>1E2627</b>	<b>1E2628</b>

**LED / 24W / WALL WASHER**



		3000K	HM1 (31°) (32°) (33°) (34°) (35°)	
		Kukl	11°	39°
Fixture Power	20W	3	1.17	1.36
Mounting Fix	1400mm	4	6.24	2.61
Fixture Size	1347mm	4	6.24	2.61
EffPower	82lm/W	4	12.47	5.91
TI8000	max=7700lm Beam	2000lm	4	14.68

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2645</b>	<b>1E2646</b>
DALI	<input type="radio"/>	<b>1E2647</b>	<b>1E2648</b>

**LED / 48W / WALL WASHER**



		3000K	HM1 (31°) (32°) (33°) (34°) (35°)	
		Kukl	11°	39°
Fixture Power	52W	3	1.17	1.36
Mounting Fix	4800mm	4	6.24	2.61
Fixture Size	1347mm	4	6.24	2.61
EffPower	87lm/W	4	12.47	5.91
TI8000	max=7700lm Beam	4290lm	4	14.68

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2649</b>	<b>1E2650</b>
DALI	<input type="radio"/>	<b>1E2651</b>	<b>1E2652</b>

**LED / 24W / GRAZING**



		3000K	HM1 (31°) (32°) (33°) (34°) (35°)	
		Kukl	9°	15°
Fixture Power	20W	3	1.25	0.26
Mounting Fix	1400mm	4	0.22	0.34
Fixture Size	1400mm	4	0.22	0.34
EffPower	122lm/W	4	0.26	1.02
TI8000	max=18000lm Beam	1000lm	4	1.76

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2597</b>	<b>1E2598</b>
DALI	<input type="radio"/>	<b>1E2599</b>	<b>1E2600</b>

**LED / 48W / GRAZING**



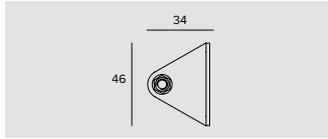
		3000K	HM1 (31°) (32°) (33°) (34°) (35°)	
		Kukl	9°	15°
Fixture Power	52W	3	1.25	0.26
Mounting Fix	4800mm	4	0.22	0.34
Fixture Size	1400mm	4	0.22	0.34
EffPower	127lm/W	4	0.21	1.02
TI8000	max=18000lm Beam	1000lm	4	1.76

Driver	Colour	3000K	4000K
EL.	<input type="radio"/>	<b>1E2601</b>	<b>1E2602</b>
DALI	<input type="radio"/>	<b>1E2603</b>	<b>1E2604</b>

# JEDI

## Related codes

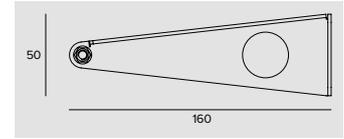
### Mounting System



Code

**1E2752**

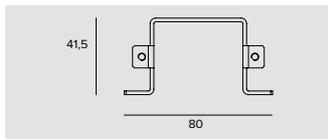
Short bracket for wall installation (2 pieces).



Code

**1E2753**

Long bracket for wall installation (2 pieces).



Code

**1E2754**

Bracket for ceiling installation (2 pieces).

## Accessories

### End Caps

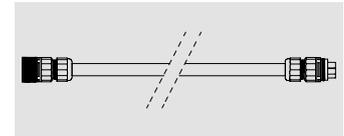


Code

**1E2761**

End cap.

### Cable



L

Code

320

**1E2762**

470

**1E2763**

620

**1E2764**

770

**1E2765**

Connection cable.

Complete with 5 pole connectors.

For the electronic and DALI version.

**1E2762**

For in line adjacent connection of one 600mm projector with one 900mm projector.

**1E2763**

For in line adjacent connection of one 600mm projector with one 1200mm projector or two 900mm projectors.

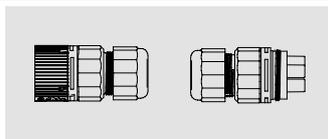
**1E2764**

For in line adjacent connection of one 900mm projector with one 1200mm projector.

**1E2765**

For in line adjacent connection of two 1200mm projectors.

### Connector



Code

**1E2769**

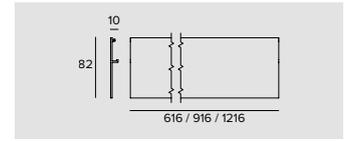
Connectors kit for 5 pole coaxial connections.

## Cover Panel



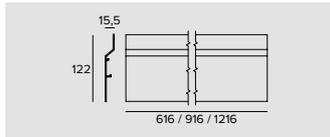
L	Code
616	<b>1E3045</b>
916	<b>1E3046</b>
1216	<b>1E3047</b>

Side cover for ceiling installation.



L	Code
616	<b>1E2755</b>
916	<b>1E2756</b>
1216	<b>1E2757</b>

Side cover for wall/cornice installation.



L	Code
616	<b>1E2758</b>
916	<b>1E2759</b>
1216	<b>1E2760</b>

Anti-glare side cover.

## Control systems



Code  
**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.



Code  
**1E3049**

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.



## Projector RGBW L. 616mm



### LED RGBW / 17W 4Ch / SPOT ⊕ 2.4 IP66 IP67 IK08



Driver	Colour	Code
EL. DMX	●	1E3112

### LED RGBW / 17W 4Ch / FLOOD ⊕ 2.4 IP66 IP67 IK08



Driver	Colour	Code
EL. DMX	●	1E3113

### LED RGBW / 17W 4Ch / WALL WASHER ⊕ 2.4 IP66 IP67 IK08



Driver	Colour	Code
EL. DMX	●	1E3114

### LED RGBW / 17W 4Ch / GRAZING ⊕ 2.4 IP66 IP67 IK08



Driver	Colour	Code
EL. DMX	●	1E3111

## Note

Photometrics show the maximum emission values of fixtures.



## Projector RGBW L. 916mm



### LED RGBW / 26W 4Ch / SPOT



		HM	EM	EMax
			8°	13°
Fixture Power	26W	0	0.19	0.15
Source Flux	182lm	4	0.28	0.08
Fixture Flux	182lm	4	0.28	0.08
Efficiency	69lm/W	4	0.75	0.07
TS2031 Max=178W@3000K Max	2031W	0	0.99	0.0

Driver	Colour	Code
EL. DMX	●	<b>1E3116</b>

### LED RGBW / 26W 4Ch / FLOOD



		HM	EM	EMax
			8°	13°
Fixture Power	26W	0	1.82	0.51
Source Flux	182lm	4	0.45	0.08
Fixture Flux	182lm	4	0.47	0.08
Efficiency	69lm/W	4	0.25	0.08
TS2030 Max=152W@3000K Max	1802W	0	0.21	0.00

Driver	Colour	Code
EL. DMX	●	<b>1E3117</b>

### LED RGBW / 26W 4Ch / WALL WASHER



		HM	EM	EMax
			11°	19°
Fixture Power	26W	0	0.27	0.28
Source Flux	182lm	4	0.31	0.08
Fixture Flux	182lm	4	0.30	0.08
Efficiency	69lm/W	4	0.87	0.71
TS2037 Max=126W@3000K Max	2072W	0	0.88	0.01

Driver	Colour	Code
EL. DMX	●	<b>1E3118</b>

### LED RGBW / 26W 4Ch / GRAZING



		HM	EM	EMax
			8°	13°
Fixture Power	26W	0	1.48	0.29
Source Flux	182lm	4	0.37	0.08
Fixture Flux	182lm	4	0.40	0.08
Efficiency	69lm/W	4	0.34	0.70
TS2038 Max=152W@3000K Max	1812W	0	0.41	0.06

Driver	Colour	Code
EL. DMX	●	<b>1E3115</b>

## Note

Photometrics show the maximum emission values of fixtures.



## Projector RGBW L. 1216mm



### LED RGBW / 34W 4Ch / SPOT



Driver	Colour	Code
EL. DMX	●	<b>1E3120</b>

### LED RGBW / 34W 4Ch / FLOOD



Driver	Colour	Code
EL. DMX	●	<b>1E3121</b>

### LED RGBW / 34W 4Ch / WALL WASHER



Driver	Colour	Code
EL. DMX	●	<b>1E3122</b>

### LED RGBW / 34W 4Ch / GRAZING



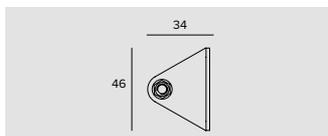
Driver	Colour	Code
EL. DMX	●	<b>1E3119</b>

## Note

Photometrics show the maximum emission values of fixtures.

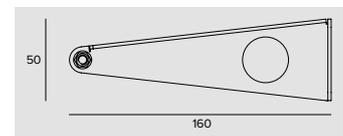
## Related codes

### Mounting System



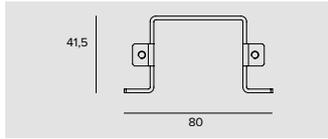
Code  
**1E2752**

Short bracket for wall installation (2 pieces).



Code  
**1E2753**

Long bracket for wall installation (2 pieces).



Code

**1E2754**

Bracket for ceiling installation (2 pieces).

## Accessories

### End Caps



Code

**1E2761**

End cap.

### Connector

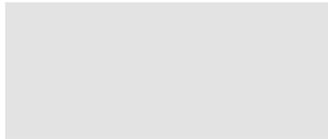


Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

### Cover Panel



L Code

616 **1E3045**

916 **1E3046**

1216 **1E3047**

Side cover for ceiling installation.

### Connector

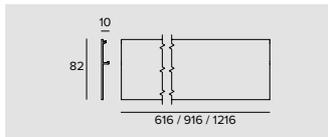


Code

**1E3184**

DMX connection.

### Cover Panel



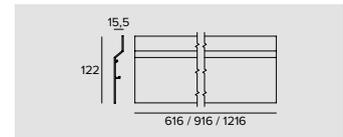
L Code

616 **1E2755**

916 **1E2756**

1216 **1E2757**

Side cover for wall/cornice installation.



L Code

616 **1E2758**

916 **1E2759**

1216 **1E2760**

Anti-glare side cover.

### Control systems



Code

**1E2767**

USB-RDM Programmer code.

DMX-RDM (Remote Device Management) address planner.

Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.

To be used with all RGBW products.

# JEDI

## Compact

### GENERAL INFO

Adjustable linear projector.  
50x40mm (remote driver)  
50x80mm (integrated driver)  
Lengths 300mm – 600mm – 900mm 1200mm

### LED

Linear boards  
Da 1615lm a 7200lm  
2700K – 3000K – 3500K – 4000K  
Ra90

### PRODUCT EFFICACY

Until 113lm/W

### OPTICS

FL – GRAZING – WALL WASHER

### POWER SUPPLY

Electronic – DALI  
Casambi control: the DALI version is fitted with special accessories.

### MATERIAL

Extruded anodised aluminium body. Extra clear glass flat screen.

A compact, high performance linear LED fixture suitable for installation in small grooves or on particularly thin frames. Depending on the chosen optic it is suitable for general lighting in pedestrian areas, vaulted ceilings and vertical surfaces. Available also in a double version with an integrated or remote driver with an extremely thin profile of just 5x4mm.

If equipped with special brackets the projector can be adjusted up to  $\pm 90^\circ$ .

The L. 300mm version is only available with a remote driver.

Also available recessed version.





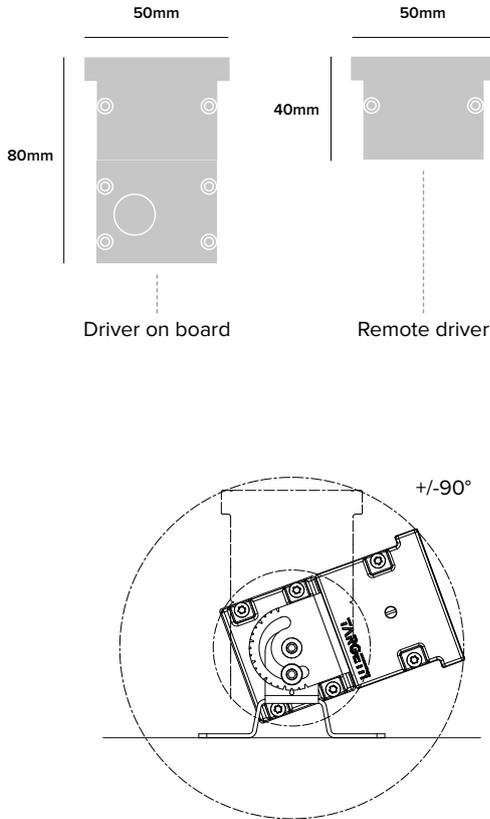
# Catedral de Valledupar

**Architect**  
Gustavo Vasquez

**Country**  
Valledupar,  
Colombia

**Photographer**  
Sebastian Franco

01



02



## Compact size and adjustability

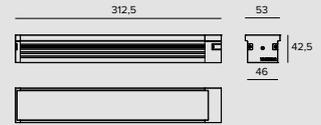
There are two profiles to choose from depending on the characteristics of the installation surface: with a remote driver where it is necessary to have a compact profile, or with an integrated driver when space permits and priority is given to connection speed. Furthermore, thanks to the special brackets that are available in two different lengths, the projector can be rotated from  $-90^\circ$  to  $+90^\circ$  with aim locking using an Allen key for maximum reliability in the installation phase.

## Anti-glare multiple effects

A grazing light effect using the grazing optic, a uniform lighting effect on wide and high surfaces using the wall washer optic and a more concentrated effect with the Flood optic. Where it is necessary to limit the risk of glare the three optical solutions are also available already equipped with a LOUVRE, a particular anti-glare grid that limits lateral light emission.



## IP67 Remote driver L. 312.5mm



### LED / 12W / FLOOD



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
	90°	120°	120°	120°
	1700lm	1700lm	1700lm	1700lm
	120lm/m	120lm/m	120lm/m	120lm/m
	120lm/m	120lm/m	120lm/m	120lm/m
	120lm/m	120lm/m	120lm/m	120lm/m

Driver	Colour	2700K	3000K	3500K	4000K
	●	<b>1E3220</b>	<b>1E3221</b>	<b>1E3222</b>	<b>1E3223</b>

### LED / 12W / GRAZING



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
	15°	15°	15°	15°
	1700lm	1700lm	1700lm	1700lm
	160lm/m	160lm/m	160lm/m	160lm/m
	160lm/m	160lm/m	160lm/m	160lm/m
	160lm/m	160lm/m	160lm/m	160lm/m

Driver	Colour	2700K	3000K	3500K	4000K
	●	<b>1E3224</b>	<b>1E3225</b>	<b>1E3226</b>	<b>1E3227</b>

### LED / 12W / WALL WASHER

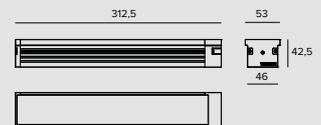


Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
	30°	30°	30°	30°
	1700lm	1700lm	1700lm	1700lm
	120lm/m	120lm/m	120lm/m	120lm/m
	120lm/m	120lm/m	120lm/m	120lm/m
	120lm/m	120lm/m	120lm/m	120lm/m

Driver	Colour	2700K	3000K	3500K	4000K
	●	<b>1E3228</b>	<b>1E3229</b>	<b>1E3230</b>	<b>1E3231</b>



## IP67 Louvre Remote driver L. 312.5mm



### LED / 12W / FLOOD



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
	90°	120°	120°	120°
	1700lm	1700lm	1700lm	1700lm
	120lm/m	120lm/m	120lm/m	120lm/m
	120lm/m	120lm/m	120lm/m	120lm/m
	120lm/m	120lm/m	120lm/m	120lm/m

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3307</b>	<b>1E3308</b>	<b>1E3309</b>	<b>1E3310</b>

# JEDI COMPACT

## LED / 12W / GRAZING



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	12W	3	3.48	3.21
Source Flux	1720lm	3	3.36	3.46
Fixture Flux	912lm	3	3.04	3.08
Efficiency	65lm/W	4	8.72	9.31
120000	3000K	3	8.40	3.37

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3311</b>	<b>1E3312</b>	<b>1E3313</b>	<b>1E3314</b>

## LED / 12W / WALL WASHER

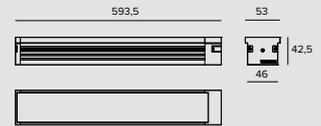


	3000K	4000K	5000K	6000K
Beam	110°	90°		
Fixture Power	12W	3	3.27	3.45
Source Flux	1720lm	3	3.36	3.46
Fixture Flux	912lm	3	3.04	3.08
Efficiency	70lm/W	4	12.72	9.91
120000	3000K	3	12.47	3.93

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3315</b>	<b>1E3316</b>	<b>1E3317</b>	<b>1E3318</b>



**IP67**  
Remote driver L. 593.5mm



## LED / 24W / FLOOD



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	24W	3	3.84	3.57
Source Flux	3440lm	3	3.48	3.51
Fixture Flux	1576lm	3	3.22	3.26
Efficiency	65lm/W	4	8.36	8.27
120000	3000K	3	8.20	3.31

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3232</b>	<b>1E3233</b>	<b>1E3234</b>	<b>1E3235</b>

## LED / 24W / GRAZING



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	24W	3	3.25	3.26
Source Flux	3440lm	3	3.22	3.34
Fixture Flux	1808lm	3	3.03	3.21
Efficiency	102lm/W	4	9.21	10.01
120000	3000K	3	3.76	3.28

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3236</b>	<b>1E3237</b>	<b>1E3238</b>	<b>1E3239</b>

## LED / 24W / WALL WASHER

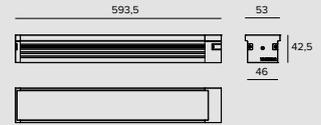


	3000K	4000K	5000K	6000K
Beam	110°	90°		
Fixture Power	24W	3	3.22	3.30
Source Flux	3440lm	3	3.23	3.37
Fixture Flux	1368lm	3	3.01	3.21
Efficiency	102lm/W	4	12.47	9.91
120000	3000K	3	12.08	3.89

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3240</b>	<b>1E3241</b>	<b>1E3242</b>	<b>1E3243</b>



## IP67 Louvre Remote driver L. 593.5mm



### LED / 24W / FLOOD



Beam Spread	3000K		4000K	
	Beam Spread	Beam Spread	Beam Spread	Beam Spread
90°	1.80	1.80	1.80	1.80
120°	2.25	2.25	2.25	2.25
150°	2.70	2.70	2.70	2.70
180°	3.15	3.15	3.15	3.15

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3319</b>	<b>1E3320</b>	<b>1E3321</b>	<b>1E3322</b>

### LED / 24W / GRAZING



Beam Spread	3000K		4000K	
	Beam Spread	Beam Spread	Beam Spread	Beam Spread
90°	1.80	1.80	1.80	1.80
120°	2.25	2.25	2.25	2.25
150°	2.70	2.70	2.70	2.70
180°	3.15	3.15	3.15	3.15

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3323</b>	<b>1E3324</b>	<b>1E3325</b>	<b>1E3326</b>

### LED / 24W / WALL WASHER

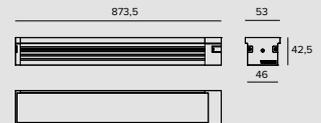


Beam Spread	3000K		4000K	
	Beam Spread	Beam Spread	Beam Spread	Beam Spread
90°	1.80	1.80	1.80	1.80
120°	2.25	2.25	2.25	2.25
150°	2.70	2.70	2.70	2.70
180°	3.15	3.15	3.15	3.15

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3327</b>	<b>1E3328</b>	<b>1E3329</b>	<b>1E3330</b>



## IP67 Remote driver L. 873.5mm



### LED / 36W / FLOOD



Beam Spread	3000K		4000K	
	Beam Spread	Beam Spread	Beam Spread	Beam Spread
90°	2.25	2.25	2.25	2.25
120°	2.70	2.70	2.70	2.70
150°	3.15	3.15	3.15	3.15
180°	3.60	3.60	3.60	3.60

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3244</b>	<b>1E3245</b>	<b>1E3246</b>	<b>1E3247</b>

# JEDI COMPACT

## LED / 36W / GRAZING



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152080	Spot	15°	15°	15°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22
152081	Spot	15°	15°	15°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3248</b>	<b>1E3249</b>	<b>1E3250</b>	<b>1E3251</b>

## LED / 36W / WALL WASHER

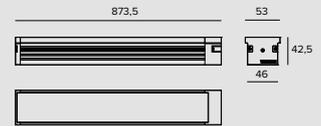


Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152082	Spot	21°	21°	21°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22
152083	Spot	21°	21°	21°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3252</b>	<b>1E3253</b>	<b>1E3254</b>	<b>1E3255</b>



**IP67 Louvre  
Remote driver L. 873.5mm**



## LED / 36W / FLOOD



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152084	Spot	30°	30°	30°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22
152085	Spot	30°	30°	30°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3331</b>	<b>1E3332</b>	<b>1E3333</b>	<b>1E3334</b>

## LED / 36W / GRAZING



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152086	Spot	15°	15°	15°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22
152087	Spot	15°	15°	15°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3335</b>	<b>1E3336</b>	<b>1E3337</b>	<b>1E3338</b>

## LED / 36W / WALL WASHER

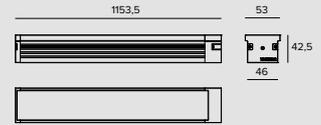


Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
152088	Spot	21°	21°	21°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22
152089	Spot	21°	21°	21°
	Fixture Power	40W	3	3.26
	Mounting Fix	1500mm	4	4.22
	Fixture Size	428mm	4	4.22

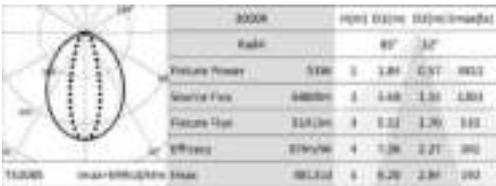
Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3339</b>	<b>1E3340</b>	<b>1E3341</b>	<b>1E3342</b>



## IP67 Remote driver L. 1153.5mm



### LED / 48W / FLOOD ⊕ 3.2 IP67 IK08



Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3256</b>	<b>1E3257</b>	<b>1E3258</b>	<b>1E3259</b>

### LED / 48W / GRAZING ⊕ 3.2 IP67 IK08



Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3260</b>	<b>1E3261</b>	<b>1E3262</b>	<b>1E3263</b>

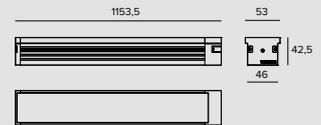
### LED / 48W / WALL WASHER ⊕ 3.2 IP67 IK08



Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3264</b>	<b>1E3265</b>	<b>1E3266</b>	<b>1E3267</b>



## IP67 Louvre Remote driver L. 1153.5mm



### LED / 48W / FLOOD ⊕ 3.2 IP67 IK08



Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3343</b>	<b>1E3344</b>	<b>1E3345</b>	<b>1E3346</b>

# JEDI COMPACT

## LED / 48W / GRAZING



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	52W	5	1.48	1.27
Source Flux	4800lm	5	1.36	1.06
Fixture Flux	1840lm	5	0.51	0.41
Efficiency	35lm/W	4	0.72	0.51
1E3349	max=1.53m/2.7m	max	0.80	1.24

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3347</b>	<b>1E3348</b>	<b>1E3349</b>	<b>1E3350</b>

## LED / 48W / WALL WASHER

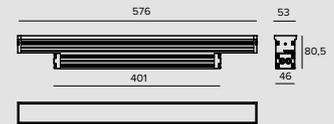


	3000K	4000K	5000K	6000K
Beam	119°	90°		
Fixture Power	52W	5	1.27	1.06
Source Flux	4800lm	5	0.95	0.81
Fixture Flux	1812lm	5	0.51	0.46
Efficiency	34lm/W	4	1.10	0.91
1E3351	max=0.71m/1.2m	max	0.487	0.51

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	<b>1E3351</b>	<b>1E3352</b>	<b>1E3353</b>	<b>1E3354</b>



**IP67**  
Integrated driver L. 576mm



## LED / 24W / FLOOD



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	29W	3	1.84	1.57
Source Flux	1800lm	3	1.48	1.26
Fixture Flux	1570lm	3	0.51	0.46
Efficiency	62lm/W	4	1.36	1.21
1E3268	max=0.99m/1.7m	max	0.20	0.31

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3268EL</b>	<b>1E3269EL</b>	<b>1E3270EL</b>	<b>1E3271EL</b>
DALI	●	<b>1E3268DA</b>	<b>1E3269DA</b>	<b>1E3270DA</b>	<b>1E3271DA</b>

## LED / 24W / GRAZING



	3000K	4000K	5000K	6000K
Beam	80°	12°		
Fixture Power	29W	3	1.25	1.26
Source Flux	1800lm	3	1.25	1.26
Fixture Flux	1800lm	3	0.51	0.51
Efficiency	62lm/W	4	0.21	0.21
1E3272	max=1.83m/3.1m	max	0.76	1.26

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3272EL</b>	<b>1E3273EL</b>	<b>1E3274EL</b>	<b>1E3275EL</b>
DALI	●	<b>1E3272DA</b>	<b>1E3273DA</b>	<b>1E3274DA</b>	<b>1E3275DA</b>

## LED / 24W / WALL WASHER



	3000K	4000K	5000K	6000K
Beam	119°	90°		
Fixture Power	29W	3	1.22	1.26
Source Flux	1800lm	3	0.91	0.91
Fixture Flux	1380lm	3	0.51	0.51
Efficiency	62lm/W	4	1.147	0.91
1E3276	max=0.71m/1.2m	max	0.487	0.51

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3276EL</b>	<b>1E3277EL</b>	<b>1E3278EL</b>	<b>1E3279EL</b>
DALI	●	<b>1E3276DA</b>	<b>1E3277DA</b>	<b>1E3278DA</b>	<b>1E3279DA</b>



## IP67 Louvre Integrated driver L. 576mm



### LED / 24W / FLOOD



Beam Spread	Beam Angle	3000K		4000K	
		Beam Spread	Beam Angle	Beam Spread	Beam Angle
110°	110°	1.20	1.20	1.20	1.20
120°	120°	1.30	1.30	1.30	1.30
130°	130°	1.40	1.40	1.40	1.40
140°	140°	1.50	1.50	1.50	1.50
150°	150°	1.60	1.60	1.60	1.60
160°	160°	1.70	1.70	1.70	1.70
170°	170°	1.80	1.80	1.80	1.80
180°	180°	1.90	1.90	1.90	1.90

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3355EL	1E3356EL	1E3357EL	1E3358EL
DALI	●	1E3355DA	1E3356DA	1E3357DA	1E3358DA

### LED / 24W / GRAZING



Beam Spread	Beam Angle	3000K		4000K	
		Beam Spread	Beam Angle	Beam Spread	Beam Angle
110°	110°	1.20	1.20	1.20	1.20
120°	120°	1.30	1.30	1.30	1.30
130°	130°	1.40	1.40	1.40	1.40
140°	140°	1.50	1.50	1.50	1.50
150°	150°	1.60	1.60	1.60	1.60
160°	160°	1.70	1.70	1.70	1.70
170°	170°	1.80	1.80	1.80	1.80
180°	180°	1.90	1.90	1.90	1.90

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3359EL	1E3360EL	1E3361EL	1E3362EL
DALI	●	1E3359DA	1E3360DA	1E3361DA	1E3362DA

### LED / 24W / WALL WASHER

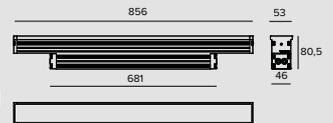


Beam Spread	Beam Angle	3000K		4000K	
		Beam Spread	Beam Angle	Beam Spread	Beam Angle
110°	110°	1.20	1.20	1.20	1.20
120°	120°	1.30	1.30	1.30	1.30
130°	130°	1.40	1.40	1.40	1.40
140°	140°	1.50	1.50	1.50	1.50
150°	150°	1.60	1.60	1.60	1.60
160°	160°	1.70	1.70	1.70	1.70
170°	170°	1.80	1.80	1.80	1.80
180°	180°	1.90	1.90	1.90	1.90

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3363EL	1E3364EL	1E3365EL	1E3366EL
DALI	●	1E3363DA	1E3364DA	1E3365DA	1E3366DA



## IP67 Integrated driver L. 856mm



### LED / 36W / FLOOD



Beam Spread	Beam Angle	3000K		4000K	
		Beam Spread	Beam Angle	Beam Spread	Beam Angle
110°	110°	1.20	1.20	1.20	1.20
120°	120°	1.30	1.30	1.30	1.30
130°	130°	1.40	1.40	1.40	1.40
140°	140°	1.50	1.50	1.50	1.50
150°	150°	1.60	1.60	1.60	1.60
160°	160°	1.70	1.70	1.70	1.70
170°	170°	1.80	1.80	1.80	1.80
180°	180°	1.90	1.90	1.90	1.90

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3280EL	1E3281EL	1E3282EL	1E3283EL
DALI	●	1E3280DA	1E3281DA	1E3282DA	1E3283DA

# JEDI COMPACT

## LED / 36W / GRAZING



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
15000	15000	15000	15000	15000
30000	30000	30000	30000	30000
45000	45000	45000	45000	45000
60000	60000	60000	60000	60000
75000	75000	75000	75000	75000
90000	90000	90000	90000	90000
105000	105000	105000	105000	105000
120000	120000	120000	120000	120000

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3284EL</b>	<b>1E3285EL</b>	<b>1E3286EL</b>	<b>1E3287EL</b>
DALI	●	<b>1E3284DA</b>	<b>1E3285DA</b>	<b>1E3286DA</b>	<b>1E3287DA</b>

## LED / 36W / WALL WASHER

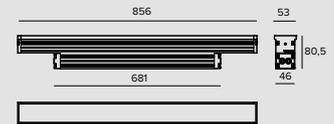


Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
15000	15000	15000	15000	15000
30000	30000	30000	30000	30000
45000	45000	45000	45000	45000
60000	60000	60000	60000	60000
75000	75000	75000	75000	75000
90000	90000	90000	90000	90000
105000	105000	105000	105000	105000
120000	120000	120000	120000	120000

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3288EL</b>	<b>1E3289EL</b>	<b>1E3290EL</b>	<b>1E3291EL</b>
DALI	●	<b>1E3288DA</b>	<b>1E3289DA</b>	<b>1E3290DA</b>	<b>1E3291DA</b>



**IP67 Louvre  
Integrated driver L. 856mm**



## LED / 36W / FLOOD



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
15000	15000	15000	15000	15000
30000	30000	30000	30000	30000
45000	45000	45000	45000	45000
60000	60000	60000	60000	60000
75000	75000	75000	75000	75000
90000	90000	90000	90000	90000
105000	105000	105000	105000	105000
120000	120000	120000	120000	120000

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3367EL</b>	<b>1E3368EL</b>	<b>1E3369EL</b>	<b>1E3370EL</b>
DALI	●	<b>1E3367DA</b>	<b>1E3368DA</b>	<b>1E3369DA</b>	<b>1E3370DA</b>

## LED / 36W / GRAZING



Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
15000	15000	15000	15000	15000
30000	30000	30000	30000	30000
45000	45000	45000	45000	45000
60000	60000	60000	60000	60000
75000	75000	75000	75000	75000
90000	90000	90000	90000	90000
105000	105000	105000	105000	105000
120000	120000	120000	120000	120000

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3371EL</b>	<b>1E3372EL</b>	<b>1E3373EL</b>	<b>1E3374EL</b>
DALI	●	<b>1E3371DA</b>	<b>1E3372DA</b>	<b>1E3373DA</b>	<b>1E3374DA</b>

## LED / 36W / WALL WASHER

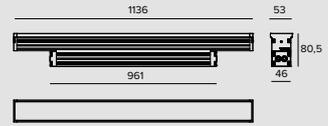


Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
15000	15000	15000	15000	15000
30000	30000	30000	30000	30000
45000	45000	45000	45000	45000
60000	60000	60000	60000	60000
75000	75000	75000	75000	75000
90000	90000	90000	90000	90000
105000	105000	105000	105000	105000
120000	120000	120000	120000	120000

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3375EL</b>	<b>1E3376EL</b>	<b>1E3377EL</b>	<b>1E3378EL</b>
DALI	●	<b>1E3375DA</b>	<b>1E3376DA</b>	<b>1E3377DA</b>	<b>1E3378DA</b>



## IP67 Integrated driver L. 1136mm



### LED / 48W / FLOOD



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
110°	5100	5100	5100	5100
120°	4800	4800	4800	4800
130°	4500	4500	4500	4500
140°	4200	4200	4200	4200
150°	3900	3900	3900	3900

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3292EL	1E3293EL	1E3294EL	1E3295EL
DALI	●	1E3292DA	1E3293DA	1E3294DA	1E3295DA

### LED / 48W / GRAZING



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
110°	5100	5100	5100	5100
120°	4800	4800	4800	4800
130°	4500	4500	4500	4500
140°	4200	4200	4200	4200
150°	3900	3900	3900	3900

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3296EL	1E3297EL	1E3298EL	1E3299EL
DALI	●	1E3296DA	1E3297DA	1E3298DA	1E3299DA

### LED / 48W / WALL WASHER

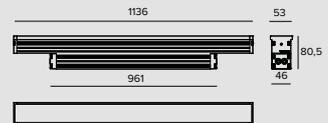


Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
110°	5100	5100	5100	5100
120°	4800	4800	4800	4800
130°	4500	4500	4500	4500
140°	4200	4200	4200	4200
150°	3900	3900	3900	3900

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3300EL	1E3301EL	1E3302EL	1E3303EL
DALI	●	1E3300DA	1E3301DA	1E3302DA	1E3303DA



## IP67 Louvre Integrated driver L. 1136mm



### LED / 48W / FLOOD



Beam Spread	3000K		4000K	
	Beam	Beam	Beam	Beam
110°	5100	5100	5100	5100
120°	4800	4800	4800	4800
130°	4500	4500	4500	4500
140°	4200	4200	4200	4200
150°	3900	3900	3900	3900

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3379EL	1E3380EL	1E3381EL	1E3382EL
DALI	●	1E3379DA	1E3380DA	1E3381DA	1E3382DA

# JEDI COMPACT

## LED / 48W / GRAZING



	3000K	3000K	3000K	3000K
Beam	8°	12°	15°	20°
Fixture Power	52W	5	3.40	3.27
Mounting Fix	4800mm	4	3.26	3.46
Fixture Size	100x100	4	3.04	3.08
Efficiency	100%	4	9.72	9.31
Weight	700g	4	6.80	3.37

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3383EL</b>	<b>1E3384EL</b>	<b>1E3385EL</b>	<b>1E3386EL</b>
DALI	●	<b>1E3383DA</b>	<b>1E3384DA</b>	<b>1E3385DA</b>	<b>1E3386DA</b>

## LED / 48W / WALL WASHER

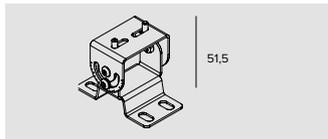


	3000K	3000K	3000K	3000K
Beam	11°	15°	20°	25°
Fixture Power	52W	5	3.27	3.46
Mounting Fix	4800mm	4	6.26	2.61
Fixture Size	100x100	4	6.51	4.96
Efficiency	100%	4	12.70	5.99
Weight	900g	4	24.87	3.83

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3387EL</b>	<b>1E3388EL</b>	<b>1E3389EL</b>	<b>1E3390EL</b>
DALI	●	<b>1E3387DA</b>	<b>1E3388DA</b>	<b>1E3389DA</b>	<b>1E3390DA</b>

## Related codes

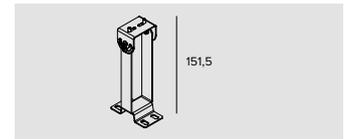
### Bracket



Code

**1E3304**

Short bracket kit for surface installation (2 pieces).  
Rotation +/-90°.



Code

**1E3306**

Long bracket kit for surface installation (2 pieces).  
Rotation +/-90°.

### Power Supply



Code

**1E3557**

EL power supply version kit composed of a aluminium watertight box (LxHxP=270x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 3G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).  
For the L 312.5/344mm versions.



Code

**1E3558**

EL power supply version kit composed of a aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 3G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).  
For the L 593.5/625/873.5/905/1153.5/1185mm versions.



Code

**1E3559**

DALI power supply version kit composed of a aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 5G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).  
For the L 312.5/344/593.5/625mm versions.

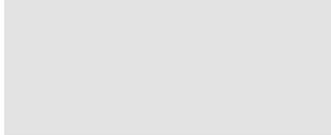


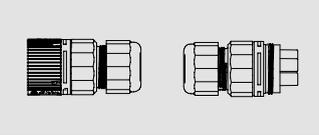
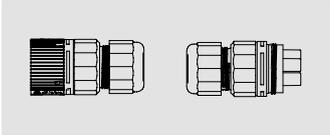
Code

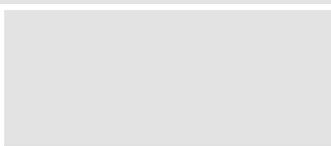
**1E3560**

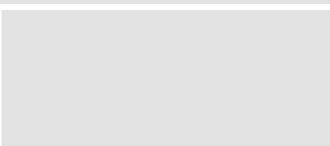
DALI power supply version kit composed of a aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN-F, 5G1mm<sup>2</sup>) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm<sup>2</sup>).  
For the L 873.5/905/1153.5/1185mm versions.

# Accessories

Tool	
	
	Code
	<b>1E3305</b>
(Tightening) wrench for the connector kit.	

Connector	
	
	Code
	<b>1E2769</b>
Connectors kit for 5 pole coaxial connections.	

Control systems	
	
	Code
	<b>1E3048</b>
A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.	

	
	Code
	<b>1E3049</b>
IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.	

# DART

## GENERAL INFO

Professional adjustable projector  
76x76 - 134x134 - 214x214

## LED

Chip on board  
Emitter for versions NSP Small e Medium  
From 200lm to 8978lm  
3000K – 4000K  
Ra80 – Ra84

## PRODUCT EFFICACY

Until 110lm/W

## OPTICS

NSP – SP – FL – MWFL for all versions.  
WFL – ASYM for versions Medium e Maxi  
NARROW ASYM for versions Medium

## POWER SUPPLY

Electronic – DALI – 1-10V  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Painted die-cast anodised aluminium body and painted stainless steel mounting bracket.

A range of professional al projectors for outdoor architectural lighting, available in three different sizes-Small, Medium and Maxi; it has a compact and essential design that integrates into every architectural context.

DART is extremely versatile thanks to the possibility to choose from different versions with different lumens and optics for accent lighting or uniform lighting of large surfaces. Also available with an asymmetrical optic.

		SMALL	MEDIUM	MAXI
		Ø 76x76mm	Ø 134x134mm	Ø 214x214mm
LED	Flux (lm)	200-1869	1332-4628	3273-8978
	Power	3W - 12W	16W - 34W	26W - 80W

## OPTICS

NSP	Lens	•	•	
	Indirect			•
SP	Lens	•		
	Hybrid		•	•
FL	Lens	•		
	Hybrid		•	•
MWFL	Reflector	•	•	•
WFL	Reflector		•	•
ASYM	Reflector		•	•
NASYM	Reflector		•	





## Abbaye de Maubuisson

**Architect**  
YCA Yves  
Chemineau  
Architecte

**Lighting Design**  
Les Eclaireurs

**Photographer**  
Bruno Singer

**Country**  
Saint-Ouen  
l'Aumone, France

01



## The large version in the DART range

Is designed for architectural lighting of large surfaces and where it is essential to install fixtures at a distance.

DART MAXI has the NSP optic to have clean, precise 6° beams. It works by reflection which means the lamp is hidden from sight and aimed towards the parabolic reflector which collimates the beam and emits a particularly defined, precise cone of light.

02



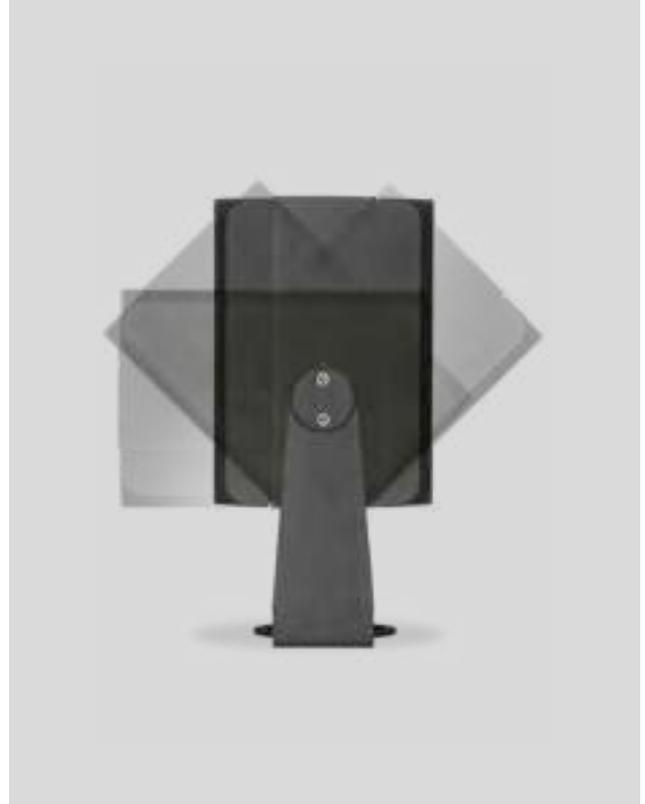
## DART MEDIUM is available with two asymmetrical optics

A more open version on the horizontal axis that makes it possible to widen the pitch between fixtures and a new version defined as Narrow Asymmetric that is more comfortable and controlled.



## The MINI version is available with a remote power

Supply for installation in extremely confined spaces and with an integrated driver to simplify installation and accommodate cables on building facades.



## Off-centre rotation to zoom

The body of the fixture towards and away from the support surface. Fitted with a graduated scale for precise aiming.



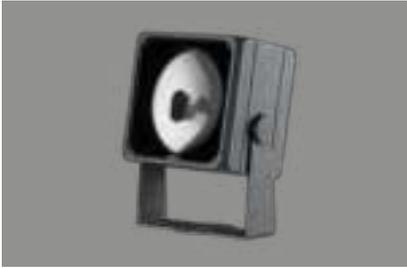


## Ponte di Rialto

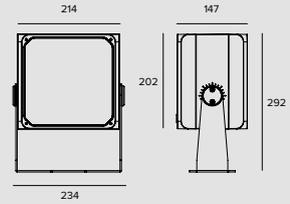
**Photographer**  
Ivan Rossi

**Country**  
Venice - Italy

# DART



## Maxi



### LED / 26W / INDIRECT / NSP



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			0°		
Fixture Power	26W	3	0.11	10341	
Mounting Pole	1213mm	4	0.22	20682	
Fixture Trail	1213mm	4	0.22	10341	
Efficiency	77lm/W	4	0.22	9221	
150000	Beam-4000lm/3000K Max	172000lm	4	0.56	4094

Driver	Colour	3000K	4000K
EL.	●	<b>1E3064EL</b>	<b>1E3070EL</b>
1-10V	●	<b>1E3064D</b>	<b>1E3070D</b>
DALI	●	<b>1E3064DA</b>	<b>1E3070DA</b>

### LED / 34W / INDIRECT / NSP



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			0°		
Fixture Power	34W	3	0.11	13927	
Mounting Pole	1213mm	4	0.22	27854	
Fixture Trail	1213mm	4	0.22	13927	
Efficiency	77lm/W	4	0.22	1213	
150000	Beam-4000lm/3000K Max	20682lm	4	0.56	7678

Driver	Colour	3000K	4000K
EL.	●	<b>1E3076EL</b>	<b>1E3082EL</b>
1-10V	●	<b>1E3076D</b>	<b>1E3082D</b>
DALI	●	<b>1E3076DA</b>	<b>1E3082DA</b>

### LED / 51W / HYBRID / SP



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			17°		
Fixture Power	51W	3	0.30	28132	
Mounting Pole	4760mm	4	0.60	6044	
Fixture Trail	1213mm	4	0.22	20682	
Efficiency	87lm/W	4	0.18	2311	
150000	Beam-4000lm/3000K Max	10341lm	4	0.40	1470

Driver	Colour	3000K	4000K
EL.	●	<b>1E3065EL</b>	<b>1E3071EL</b>
1-10V	●	<b>1E3065D</b>	<b>1E3071D</b>
DALI	●	<b>1E3065DA</b>	<b>1E3071DA</b>

### LED / 80W / HYBRID / SP



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			17°		
Fixture Power	80W	3	0.30	40442	
Mounting Pole	4760mm	4	0.60	10088	
Fixture Trail	1213mm	4	0.22	20682	
Efficiency	87lm/W	4	0.18	2716	
150000	Beam-4000lm/3000K Max	10341lm	4	0.40	1470

Driver	Colour	3000K	4000K
EL.	●	<b>1E3077EL</b>	<b>1E3083EL</b>
1-10V	●	<b>1E3077D</b>	<b>1E3083D</b>
DALI	●	<b>1E3077DA</b>	<b>1E3083DA</b>

### LED / 51W / HYBRID / FL



	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	
Beam			17°		
Fixture Power	51W	3	0.30	28132	
Mounting Pole	4760mm	4	0.60	6044	
Fixture Trail	1213mm	4	0.22	20682	
Efficiency	87lm/W	4	0.20	1392	
150000	Beam-4000lm/3000K Max	10341lm	4	0.36	1710

Driver	Colour	3000K	4000K
EL.	●	<b>1E3066EL</b>	<b>1E3072EL</b>
1-10V	●	<b>1E3066D</b>	<b>1E3072D</b>
DALI	●	<b>1E3066DA</b>	<b>1E3072DA</b>

**LED / 80W / HYBRID / FL**



Driver	Colour	3000K	4000K
EL.	●	<b>1E3078EL</b>	<b>1E3084EL</b>
1-10V	●	<b>1E3078D</b>	<b>1E3084D</b>
DALI	●	<b>1E3078DA</b>	<b>1E3084DA</b>

**LED / 51W / REFLECTOR / MWFL**



Driver	Colour	3000K	4000K
EL.	●	<b>1E3067EL</b>	<b>1E3073EL</b>
1-10V	●	<b>1E3067D</b>	<b>1E3073D</b>
DALI	●	<b>1E3067DA</b>	<b>1E3073DA</b>

**LED / 80W / REFLECTOR / MWFL**



Driver	Colour	3000K	4000K
EL.	●	<b>1E3079EL</b>	<b>1E3085EL</b>
1-10V	●	<b>1E3079D</b>	<b>1E3085D</b>
DALI	●	<b>1E3079DA</b>	<b>1E3085DA</b>

**LED / 51W / REFLECTOR / WFL**



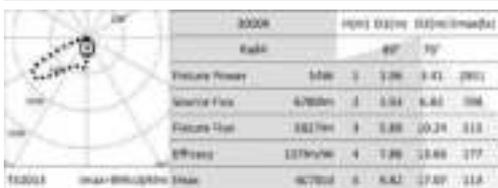
Driver	Colour	3000K	4000K
EL.	●	<b>1E3068EL</b>	<b>1E3074EL</b>
1-10V	●	<b>1E3068D</b>	<b>1E3074D</b>
DALI	●	<b>1E3068DA</b>	<b>1E3074DA</b>

**LED / 80W / REFLECTOR / WFL**



Driver	Colour	3000K	4000K
EL.	●	<b>1E3080EL</b>	<b>1E3086EL</b>
1-10V	●	<b>1E3080D</b>	<b>1E3086D</b>
DALI	●	<b>1E3080DA</b>	<b>1E3086DA</b>

**LED / 51W / ASYM**



Driver	Colour	3000K	4000K
EL.	●	<b>1E3069EL</b>	<b>1E3075EL</b>
1-10V	●	<b>1E3069D</b>	<b>1E3075D</b>
DALI	●	<b>1E3069DA</b>	<b>1E3075DA</b>

# DART

LED / 80W / ASYM

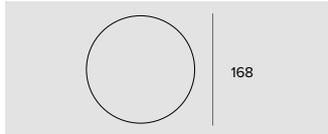


3000K	4000K	5000K	6000K
4000K	5000K	6000K	7000K
Fixture Power	80W	80W	80W
Mounting Plate	Ø120mm	Ø120mm	Ø120mm
Fixture Size	120x120	120x120	120x120
Efficiency	140lm/W	140lm/W	140lm/W
Beam Angle	40°	40°	40°

Driver	Colour	3000K	4000K
EL	●	<b>1E3081EL</b>	<b>1E3087EL</b>
1-10V	●	<b>1E3081D</b>	<b>1E3087D</b>
DALI	●	<b>1E3081DA</b>	<b>1E3087DA</b>

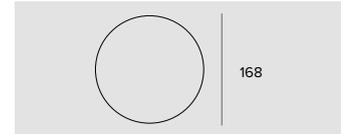
## Accessories

### Filter



Filter	Ø	Code
Red	168	<b>1E3088</b>
Green	168	<b>1E3089</b>
Blue	168	<b>1E3090</b>
Yellow	168	<b>1E3091</b>
Magenta	168	<b>1E3092</b>

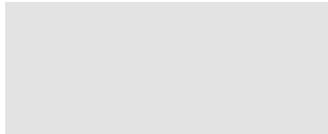
Chromatic filter.  
Glass with dichroic treatment.  
Non suitable for the asymmetric reflector nor for grazing lighting.  
To be completed with a dedicated holder ring.



Code
<b>1E3094</b>

Blade of light filter.  
PMMA holographic filter for a blade of light effect.  
To be completed with a dedicated holder ring.  
Diameter 168mm.

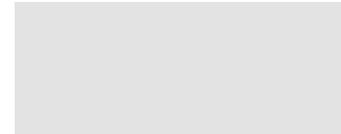
### Grid



Code
<b>1E3096</b>

Anti-glare louver.  
The central elements may be removed to obtain two different levels of glare control.  
Powder coated stainless steel black + ferrite.

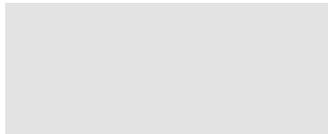
### Screen



Code
<b>1E3095</b>

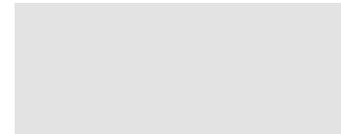
Asymmetric screen.  
Powder coated stainless steel ferrite.

### Mounting System



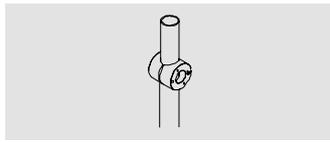
Code
<b>1E3026</b>

Plate for fixture rotation.  
Powder coated stainless steel ferrite.



Ø	H	Code
96	182	<b>1E3028</b>
150	352	<b>1E3188</b>

Earthspike.  
Powder coated stainless steel ferrite.



Code

**1E2825**

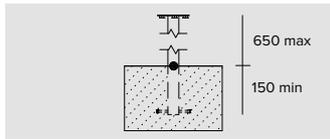
Pole bracket.  
Anodised and powder coated aluminium.  
Pole Ø 60mm (+/-2mm).



Code

**1E3097**

Pole multiple mounting system.  
Powder coated stainless steel.  
To be completed with 1E2825.  
Max 4 projectors.

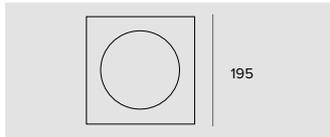


Code

**1E3187**

Pole with base.  
Powder coated stainless steel.

### Holder Ring

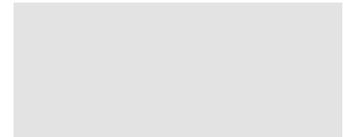


Code

**1E3093**

Holder ring.  
Powder coated stainless steel.  
AxB 195x195mm.

### Tool

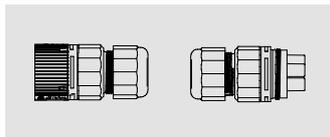


Code

**1E3098**

Laser pointing system.  
Installed by friction on the projector's body.  
Powder coated stainless steel.  
Laser included.

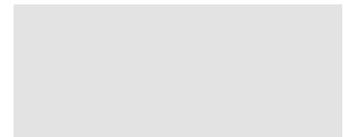
### Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

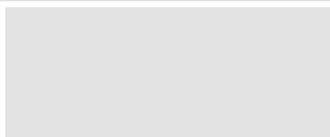


Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

### Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

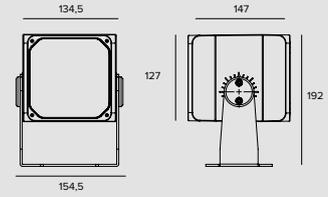
**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# DART



## Medium

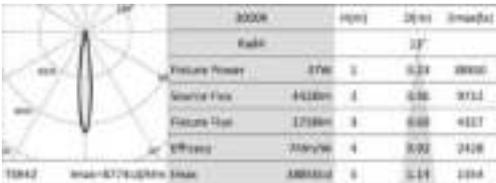


### LED / 16W / LENS / NSP



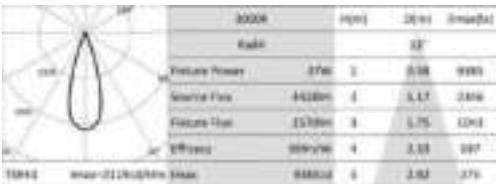
Driver	Colour	3000K	4000K
EL.	●	<b>1E2994EL</b>	<b>1E2995EL</b>
1-10V	●	<b>1E2994D</b>	<b>1E2995D</b>
DALI	●	<b>1E2994DA</b>	<b>1E2995DA</b>

### LED / 34W / HYBRID / SP



Driver	Colour	3000K	4000K
EL.	●	<b>1E2996EL</b>	<b>1E2997EL</b>
1-10V	●	<b>1E2996D</b>	<b>1E2997D</b>
DALI	●	<b>1E2996DA</b>	<b>1E2997DA</b>

### LED / 34W / HYBRID / FL



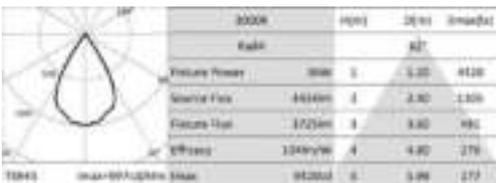
Driver	Colour	3000K	4000K
EL.	●	<b>1E2998EL</b>	<b>1E2999EL</b>
1-10V	●	<b>1E2998D</b>	<b>1E2999D</b>
DALI	●	<b>1E2998DA</b>	<b>1E2999DA</b>

### LED / 33W / REFLECTOR / MWFL



Driver	Colour	3000K	4000K
EL.	●	<b>1E3000EL</b>	<b>1E3001EL</b>
1-10V	●	<b>1E3000D</b>	<b>1E3001D</b>
DALI	●	<b>1E3000DA</b>	<b>1E3001DA</b>

### LED / 33W / REFLECTOR / WFL



Driver	Colour	3000K	4000K
EL.	●	<b>1E3002EL</b>	<b>1E3003EL</b>
1-10V	●	<b>1E3002D</b>	<b>1E3003D</b>
DALI	●	<b>1E3002DA</b>	<b>1E3003DA</b>

**LED / 33W / ASYM** 








Driver	Colour	3000K	4000K
EL.	●	<b>1E3004EL</b>	<b>1E3005EL</b>
1-10V	●	<b>1E3004D</b>	<b>1E3005D</b>
DALI	●	<b>1E3004DA</b>	<b>1E3005DA</b>

**LED / 33W / NARROW ASYM** 



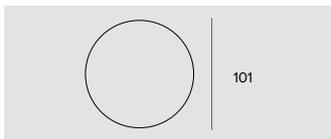





Driver	Colour	3000K	4000K
EL.	●	<b>1E3126EL</b>	<b>1E3127EL</b>
1-10V	●	<b>1E3126D</b>	<b>1E3127D</b>
DALI	●	<b>1E3126DA</b>	<b>1E3127DA</b>

## Accessories

**Filter**



Filter	Ø	Code
Red	101	<b>1E3017</b>
Green	101	<b>1E3018</b>
Blue	101	<b>1E3019</b>
Yellow	101	<b>1E3020</b>
Magenta	101	<b>1E3021</b>

Chromatic filter.  
Glass with dichroic treatment.  
Non suitable for the asymmetric reflector nor for grazing lighting.  
To be completed with a dedicated holder ring.



Code
<b>1E3023</b>

Blade of light filter.  
PMMA holographic filter for a blade of light effect.  
To be completed with a dedicated holder ring.  
Diameter 101mm.

**Grid**



Code
<b>1E3025</b>

Anti-glare louver.  
The central elements may be removed to obtain two different levels of glare control.  
Powder coated stainless steel ferrite + nero.

**Screen**



Code
<b>1E3024</b>

Asymmetrical screen.  
Powder coated stainless steel ferrite.

**Mounting System**



Code
<b>1E3026</b>

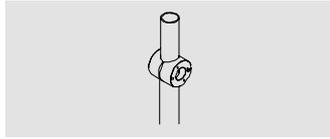
Plate for fixture rotation.  
Powder coated stainless steel ferrite.



Ø	H	Code
96	182	<b>1E3028</b>

Earthspike.  
Powder coated stainless steel ferrite.

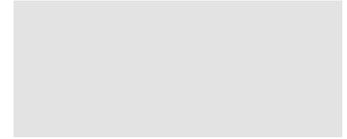
# DART



Code

**1E2825**

Pole bracket.  
Anodised and powder coated aluminium.  
Pole Ø 60mm (+/-2mm).

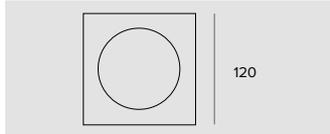
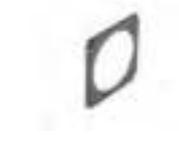


Code

**1E3027**

Pole multiple mounting system.  
Powder coated stainless steel.  
To be completed with 1E2825.  
Max 4 projectors.

## Holder Ring

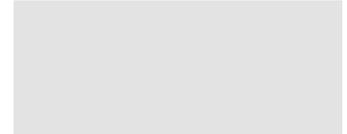


Code

**1E3022**

Holder ring.  
Powder coated stainless steel.  
AxB 120x120mm.

## Tool

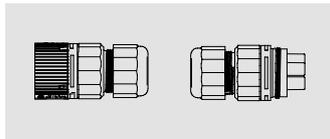


Code

**1E3029**

Laser pointing system.  
Installed by friction on the projector's body.  
Powder coated stainless steel.  
Laser included.

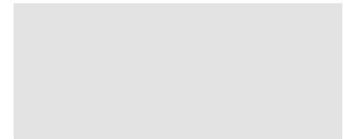
## Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

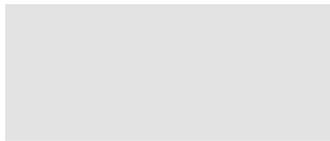


Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

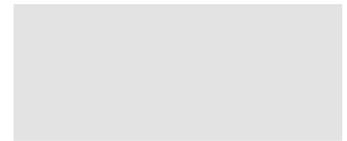
## Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



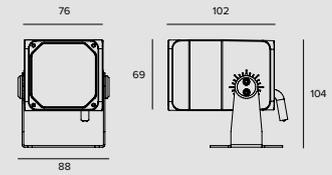
Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.



## Small Driver integrato



### LED / 2,7W / LENS / NSP



	3000K	4000K	30°	30°	30°
Beam					
Fixture Power	27W	3	0.14	42%	
Mounting Fix	200mm	4	0.30	1200	
Fixture Size	122mm	4	0.46	448	
Efficiency	20lm/W	4	0.61	214	
TSR42	Beam-253000up/10m	Beam	403002	0	0.76

Driver	Colour	3000K	4000K
EL.	●	<b>1E3056EL</b>	<b>1E3057EL</b>

### LED / 11W / LENS / SP



	3000K	4000K	30°	30°	30°
Beam					
Fixture Power	11W	3	0.30	1040	
Mounting Fix	174mm	4	0.63	2617	
Fixture Size	120mm	4	0.91	1363	
Efficiency	80lm/W	4	0.21	454	
TSR42	Beam-16800up/10m	Beam	1348002	0	0.52

Driver	Colour	3000K	4000K
EL.	●	<b>1E3058EL</b>	<b>1E3059EL</b>

### LED / 12W / LENS / FL



	3000K	4000K	30°	30°	30°
Beam					
Fixture Power	12W	3	0.58	3000	
Mounting Fix	182mm	4	0.43	816	
Fixture Size	121mm	4	0.71	493	
Efficiency	81lm/W	4	0.61	228	
TSR42	Beam-15330up/10m	Beam	384002	0	2.88

Driver	Colour	3000K	4000K
EL.	●	<b>1E3060EL</b>	<b>1E3061EL</b>

### LED / 12W / REFLECTOR / MWFL



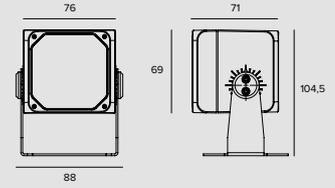
	3000K	4000K	30°	30°	30°
Beam					
Fixture Power	12W	3	0.65	2900	
Mounting Fix	182mm	4	0.70	847	
Fixture Size	160mm	4	2.14	287	
Efficiency	100lm/W	4	0.30	392	
TSR42	Beam-142230up/10m	Beam	298002	0	4.14

Driver	Colour	3000K	4000K
EL.	●	<b>1E3062EL</b>	<b>1E3063EL</b>

# DART



## Small Driver remoto



### LED / 2,7W / LENS / NSP

	3000K	4000K	5000K	6000K
Beam	4°	4°	4°	4°
Fixture Power	2,7W	3	3,14	4,2W
Mounting Hole	200mm	4	0,30	1000
Fixture Size	121mm	4	0,46	448
Efficiency	20lm/W	4	0,61	214
TM2020 Beam-2,7W-LED-NSP	4000K	4	0,76	262

Power supply	Colour	3000K	4000K
700/900mA	●	<b>1E2986</b>	<b>1E2987</b>

### LED / 13W / LENS / SP

	3000K	4000K	5000K	6000K
Beam	17°	17°	17°	17°
Fixture Power	13W	3	0,30	1040
Mounting Hole	180mm	4	0,33	261
Fixture Size	121mm	4	0,46	1174
Efficiency	70lm/W	4	0,21	461
TM2020 Beam-13W-LED-SP	1200mm	4	0,52	132

Power supply	Colour	3000K	4000K
400mA	●	<b>1E2988</b>	<b>1E2989</b>

### LED / 14W / LENS / FL

	3000K	4000K	5000K	6000K
Beam	31°	31°	31°	31°
Fixture Power	14W	3	0,38	402
Mounting Hole	204mm	4	0,43	1000
Fixture Size	121mm	4	0,74	452
Efficiency	89lm/W	4	0,61	214
TM2020 Beam-14W-LED-FL	4000K	4	0,88	262

Power supply	Colour	3000K	4000K
400mA	●	<b>1E2990</b>	<b>1E2991</b>

### LED / 14W / REFLECTOR / MWFL

	3000K	4000K	5000K	6000K
Beam	40°	40°	40°	40°
Fixture Power	14W	3	0,45	380
Mounting Hole	204mm	4	0,70	111
Fixture Size	120mm	4	0,34	111
Efficiency	134lm/W	4	0,30	381
TM2020 Beam-14W-LED-MWFL	2000K	4	0,24	111

Power supply	Colour	3000K	4000K
400mA	●	<b>1E2992</b>	<b>1E2993</b>

## Related codes

### Power Supply



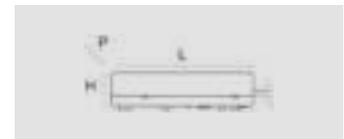
	Code
20W - 220-240Vac, 400mA - 118x22x52mm - IP20	<b>1T4215EL</b>
20W - 110-240Vac, 900mA - 118x22x52mm - IP20	<b>1T5295EL</b>
20W - 220-240Vac, 400mA - 150x40x148mm - IP68	<b>1E3033EL</b>
20W - 110-240Vac, 900mA - 150x40x148mm - IP68	<b>1E3034EL</b>

Electronic power supply  
LxHxP



	Code
20W - 110-240Vac, 400mA - 118x22x52mm - IP20	<b>1T4215D</b>
20W - 110-240Vac, 900mA - 118x22x52mm - IP20	<b>1T5295D</b>
20W - 110-240Vac, 400mA - 150x40x148mm - IP68	<b>1E3033D</b>
20W - 110-240Vac, 900mA - 150x40x148mm - IP68	<b>1E3034D</b>

1-10V electronic power supply  
LxHxP



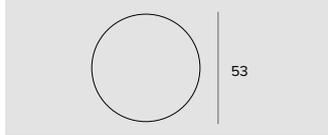
	Code
20W - 110-240Vac, 400mA - 118x22x52mm - IP20	<b>1T4215DA</b>
20W - 110-240Vac, 700mA - 118x22x52mm - IP20	<b>1T5295DA</b>
20W - 110-240Vac, 400mA - 150x40x148mm - IP68	<b>1E3033DA</b>
20W - 110-240Vac, 700mA - 150x40x148mm - IP68	<b>1E3034DA</b>

DALI electronic power supply  
LxHxP

# DART

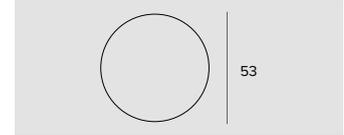
## Accessories

### Filter



Filter	Ø	Code
Red	53	<b>1E3006</b>
Green	53	<b>1E3007</b>
Blue	53	<b>1E3008</b>
Yellow	53	<b>1E3009</b>
Magenta	53	<b>1E3010</b>

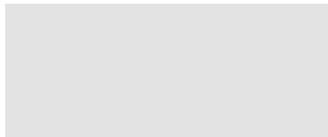
Chromatic filter.  
Glass with dichroic treatment.  
Non suitable for the asymmetric reflector nor for grazing lighting.  
To be completed with a dedicated holder ring.



Ø	Code
53	<b>1E3012</b>

Blade of light filter.  
PMMA holographic filter for a blade of light effect.  
To be completed with a dedicated holder ring.

### Grid



Code
<b>1E3014</b>

Anti-glare louver.  
The central elements may be removed to obtain two different levels of glare control.  
Powder coated stainless steel ferrite + black.

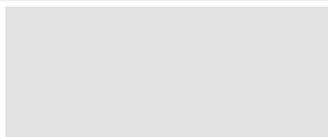
### Screen



Code
<b>1E3013</b>

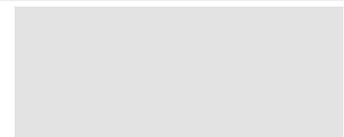
Asymmetric screen.  
Powder coated stainless steel ferrite.

### Mounting System



Code
<b>1E3015</b>

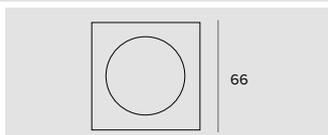
Plate for fixture rotation.  
Powder coated stainless steel ferrite.



Code
<b>1E3016</b>

Earthspike.  
Powder coated stainless steel ferrite.

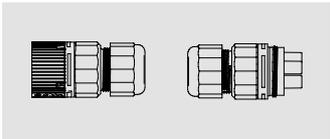
### Holder Ring



L	Code
66	<b>1E3011</b>

Holder ring.  
Powder coated stainless steel.

**Connector**



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.



Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

**Control systems**



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# PYROS

## GENERAL INFO

Professional projector.

PYROS

ø186mm

NANO PYROS

ø107mm

PICO PYROS

ø50mm

## LED

Chip on board

LED Emitter for version PICO PYROS e RGBW

From 216lm to 9402lm

3000K – 4000K

Ra80 – Ra84

## PRODUCT EFFICACY

Unitil 110lm/W

## OPTICS

SP – FL – MWFL

## POWER SUPPLY

Electronic

## MATERIAL

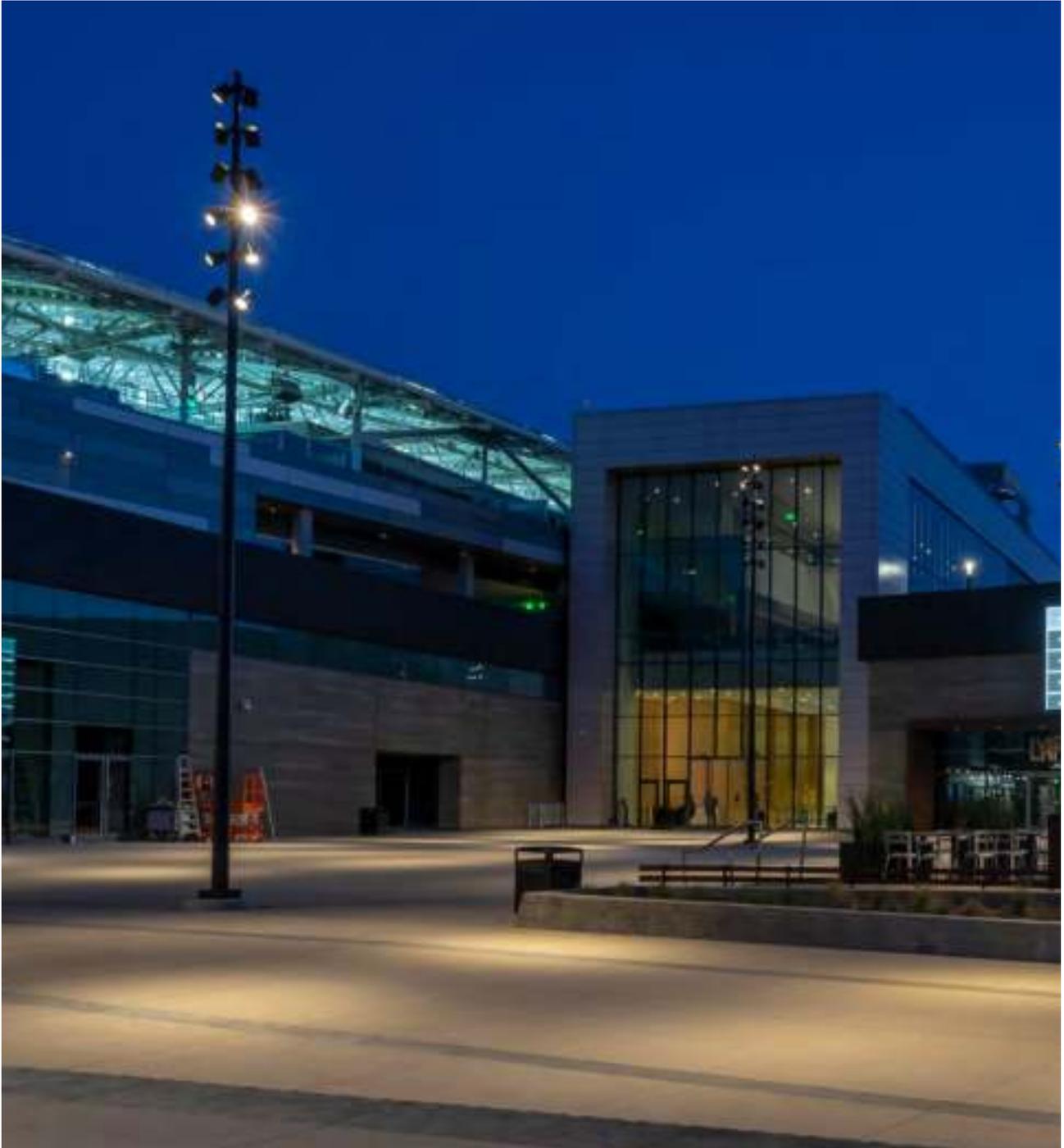
Painted die-cast anodised aluminium body, brackets and joints.

A range that was designed for lighting building facades, accentuating trees and green elements and in all those contexts where precision must be combined with excellent performance.

The larger version is high performance making it suitable for lighting from long distances and large architectural structures. Where on the other hand it is required to light details the Nano and Pico versions provide optical solutions and different powers. PYROS shows the extent of its flexibility with its installation system that makes it possible to extend or contract it depending on requirements.

The Pyros and Nano Pyros versions are also available in RGBW and RGB versions.





# Banc of California Stadium

**Architect**  
Gensler

**Lighting Design**  
First Circle Design

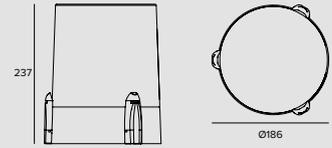
**Photographer**  
Henri Khodaverdi

**Country**  
Los Angeles - USA

# PYROS



L. 237mm



LED / 25W / SP								
	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	Driver	Colour	3000K	4000K
	Beam		20°		EL.	●	1E2779	1E2780
	Fixture Power	25W	0	0.17	48140			
	Mounting Pole	4000mm	4	0.26	12121			
	Fixture Size	130mm	4	0.52	5496			
Efficiency	120lm/W	4	0.88	3020				
1E2779	Beam-130x130x130mm	48000lm	0	0.87	1892			

LED / 25W / FL								
	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	Driver	Colour	3000K	4000K
	Beam		25°		EL.	●	1E2781	1E2782
	Fixture Power	25W	0	0.26	12440			
	Mounting Pole	4000mm	4	0.88	2071			
	Fixture Size	130mm	4	0.52	1321			
Efficiency	120lm/W	4	0.75	718				
1E2781	Beam-130x130x130mm	11880lm	0	2.24	676			

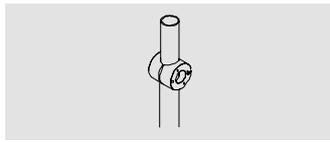
LED / 39W / SP								
	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	Driver	Colour	3000K	4000K
	Beam		20°		EL.	●	1E2783	1E2784
	Fixture Power	43W	0	0.17	47087			
	Mounting Pole	4000mm	4	0.26	16773			
	Fixture Size	130mm	4	0.52	7454			
Efficiency	90lm/W	4	0.88	4231				
1E2783	Beam-130x130x130mm	67087lm	0	0.87	2062			

LED / 39W / FL								
	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	Driver	Colour	3000K	4000K
	Beam		25°		EL.	●	1E2785	1E2786
	Fixture Power	43W	0	0.26	16427			
	Mounting Pole	4000mm	4	0.88	4124			
	Fixture Size	130mm	4	0.52	1824			
Efficiency	90lm/W	4	0.75	1026				
1E2785	Beam-130x130x130mm	14627lm	0	2.24	647			

LED / 50W / SP								
	3000K	H(m)	D(m)	Area(m <sup>2</sup> )	Driver	Colour	3000K	4000K
	Beam		20°		EL.	●	1E2978	1E2979
	Fixture Power	50W	0	0.17	52480			
	Mounting Pole	4000mm	4	0.26	20634			
	Fixture Size	130mm	4	0.52	10146			
Efficiency	90lm/W	4	0.75	3718				
1E2978	Beam-130x130x130mm	95480lm	0	0.87	3840			



# PYROS



Code

**1E2825**

Pole bracket.  
Anodised and powder coated aluminium.  
Pole Ø 60mm (+/-2mm).



Code

**1E2826**

Pole head for pole with external diameter 60mm (+/-2mm) and internal diameter > 40mm.

## Accessories

### Filter



187

Filter	Ø	Code
Red	187	<b>1E2816</b>
Green	187	<b>1E2817</b>
Blue	187	<b>1E2818</b>
Yellow	187	<b>1E2819</b>

Chromatic filter. Complete with ring.



187

Ø Code  
187 **1E2821**

"Blade of light" effect refractive filter.  
The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions.  
With very narrow beams it is possible to obtain precise "blades" of light for special effects.  
Complete with ring.



187

Ø Code  
187 **1E2822**

"Soft beam" effect refractive filter.  
The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform.  
Complete with ring.

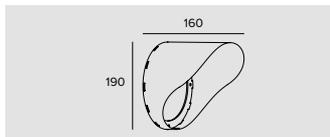


187

Ø Code  
187 **1E2820**

Frosted glass. Complete with ring.

### Screen

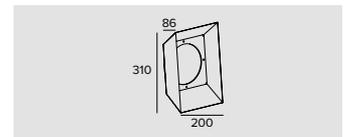


Code

**1E2823**

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws. Permits the shielding of the light beam with wide beam optics.

### Ray Shade

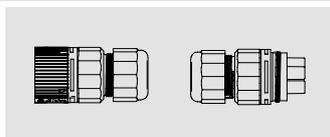


Code

**1E2824**

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.

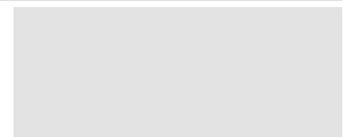
### Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.



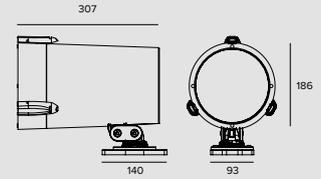
Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68



## RGBW short arm



### LED RGBW / 35W / SP



		HM(H)	DM(D)	Imax(Ia)	
		30°			
Fixture Power	35W	3	0.83	291	
Mounting Pole	Ø22mm	4	0.63	184	
Fixture Trail	Ø22mm	8	1.00	82	
Efficiency	89lm/W	4	1.34	66	
15000h	Imax=1625lux@3m	10000	6	1.88	29

Driver	Colour	Code
EL. DMX	●	<b>1E3124</b>

### LED RGBW / 35W / FL

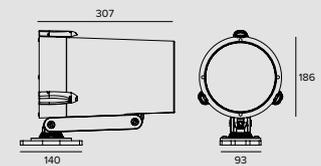


		HM(H)	DM(D)	Imax(Ia)	
		30°			
Fixture Power	35W	3	0.83	291	
Mounting Pole	Ø22mm	4	0.63	96	
Fixture Trail	Ø22mm	8	1.00	82	
Efficiency	89lm/W	4	1.57	28	
15000h	Imax=1250lux@3m	29000	6	1.14	12

Driver	Colour	Code
EL. DMX	●	<b>1E3173</b>



## RGBW long arm



### LED RGBW / 35W / SP



		HM(H)	DM(D)	Imax(Ia)	
		30°			
Fixture Power	35W	3	0.83	291	
Mounting Pole	Ø22mm	4	0.63	184	
Fixture Trail	Ø22mm	8	1.00	82	
Efficiency	89lm/W	4	1.34	66	
15000h	Imax=1625lux@3m	10000	6	1.88	29

Driver	Colour	Code
EL. DMX	●	<b>1E3125</b>

### LED RGBW / 35W / FL



		HM(H)	DM(D)	Imax(Ia)	
		30°			
Fixture Power	35W	3	0.83	291	
Mounting Pole	Ø22mm	4	0.63	96	
Fixture Trail	Ø22mm	8	1.00	82	
Efficiency	89lm/W	4	1.57	28	
15000h	Imax=1250lux@3m	29000	6	1.14	12

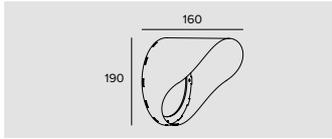
Driver	Colour	Code
EL. DMX	●	<b>1E3174</b>

### Note

Photometrics show the maximum emission values of fixtures.

# Accessories

## Screen

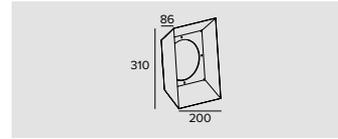


Code

**1E2823**

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws. Permits the shielding of the light beam with wide beam optics.

## Ray Shade

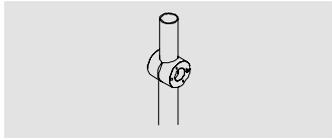


Code

**1E2824**

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.

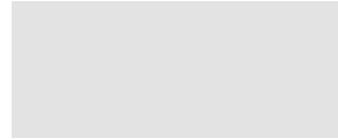
## Mounting System



Code

**1E2825**

Pole bracket.  
Anodised and powder coated aluminium.  
Pole Ø 60mm (+/-2mm).

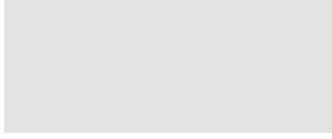


Code

**1E2826**

Pole head for pole with external diameter 60mm (+/-2mm) and internal diameter > 40mm.

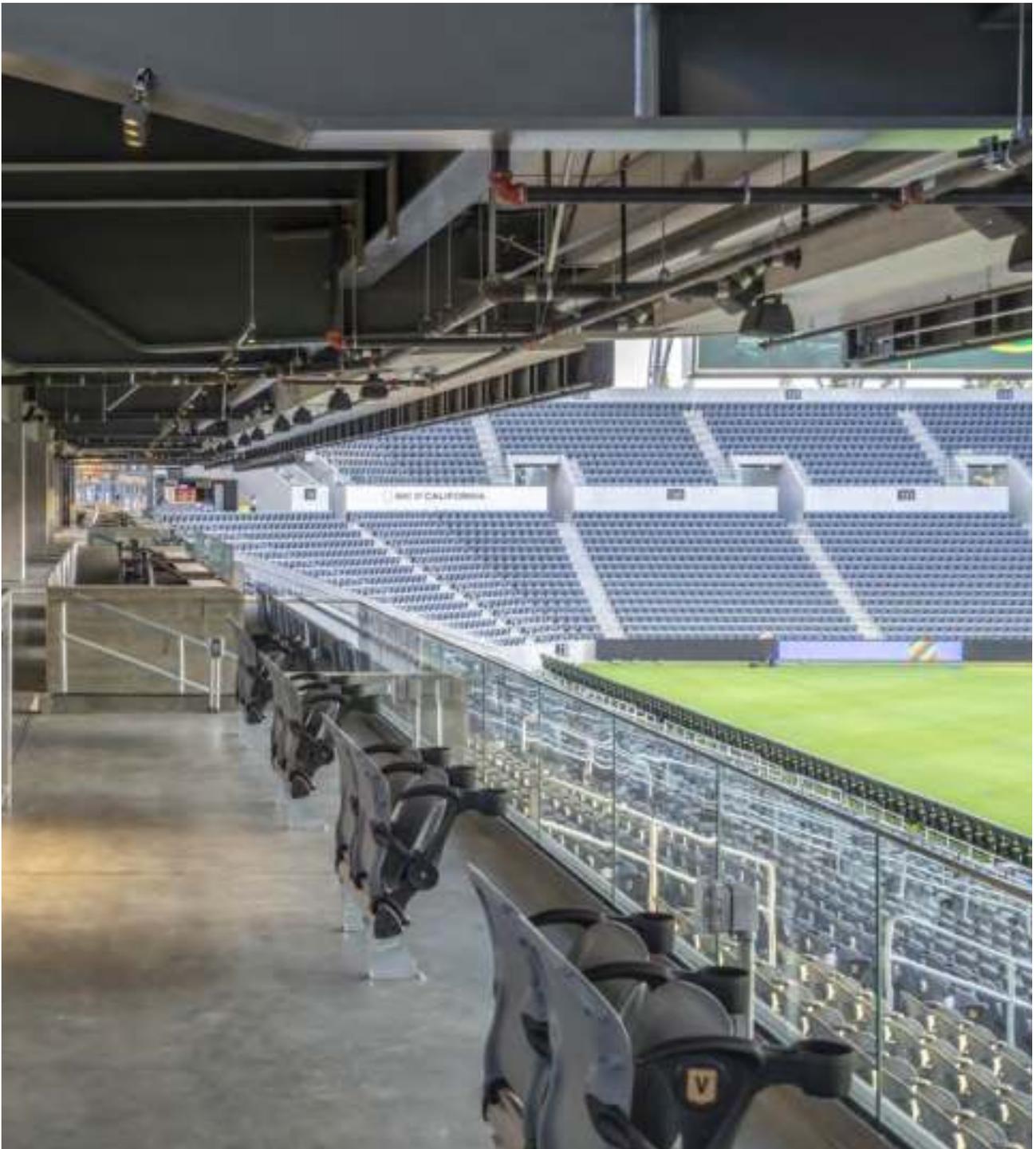
## Control systems



Code

**1E2767**

USB-RDM Programmer code.  
DMX-RDM (Remote Device Management) address planner.  
Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.  
To be used with all RGBW products.



# Banc of California Stadium

**Architect**  
Gensler

**Lighting Design**  
First Circle Design

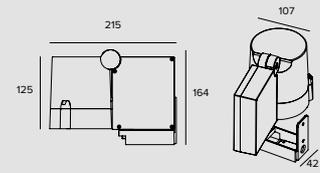
**Photographer**  
Henri Khodaverdi

**Country**  
Los Angeles - USA

# PYROS



## NANO PYROS



LED / 21W / HYBRID / SP									
	3000K	4000K	21W	3000K	Driver	Colour	3000K	4000K	
	Kali				EL.		<b>1E2827</b>	<b>1E2828</b>	
	Fixture Power	21W	3	0.21					
	Mounting Fix	180mm	4	0.56					
	Fixture Size	170mm	4	0.60					
Efficiency	71lm/W	4	3.02						
Beam Spread	2000mm	4	0.14						

LED / 21W / HYBRID / FL									
	3000K	4000K	21W	3000K	Driver	Colour	3000K	4000K	
	Kali				EL.		<b>1E2829</b>	<b>1E2830</b>	
	Fixture Power	21W	3	0.58					
	Mounting Fix	180mm	4	1.17					
	Fixture Size	180mm	4	1.75					
Efficiency	66lm/W	4	2.53						
Beam Spread	4000mm	4	2.92						

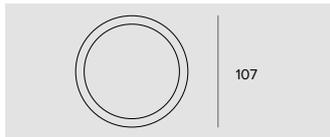
LED / 21W / REFLECTOR / MWFL									
	3000K	4000K	21W	3000K	Driver	Colour	3000K	4000K	
	Kali				EL.		<b>1E2831</b>	<b>1E2832</b>	
	Fixture Power	21W	3	0.62					
	Mounting Fix	180mm	4	0.69					
	Fixture Size	180mm	4	2.40					
Efficiency	107lm/W	4	3.28						
Beam Spread	9000mm	4	4.12						

## Accessories

Filter						
		Kg	Filter	Ø	Code	
			0.4	Red	107	<b>1E2849</b>
			0.4	Green	107	<b>1E2850</b>
			0.4	Blue	107	<b>1E2851</b>
			0.4	Yellow	107	<b>1E2852</b>
		Kg	Filter	Ø	Code	
			0.2		107	<b>1E2853</b>
			"Blade of light" effect refractive filter.			
			The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions.			
			With very narrow beams it is possible to obtain precise "blades" of light.			
Complete with ring.						

Chromatic filter. Complete with ring.

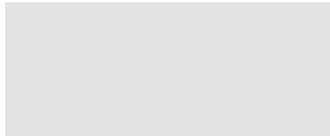
"Blade of light" effect refractive filter.  
The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions.  
With very narrow beams it is possible to obtain precise "blades" of light.  
Complete with ring.



Kg	Ø	Code
0.2	107	<b>1E2854</b>

"Soft beam" effect refractive filter.  
The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform.  
Complete with ring.

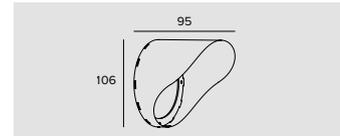
### Grid



Code
<b>1E2766</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Designed to be housed inside the fixture.

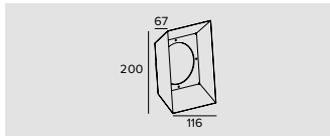
### Screen



Code
<b>1E2855</b>

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws.  
Permits the shielding of the light beam with wide beam optics.  
0.7Kg.

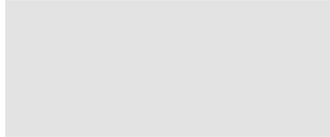
### Ray Shade



Code
<b>1E2856</b>

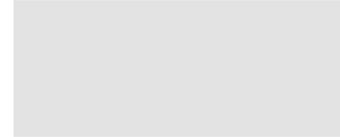
Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.  
0.4Kg.

### Mounting System



Kg	L	Code
0.5	200	<b>1E2845</b>
1.8	800	<b>1E2846</b>

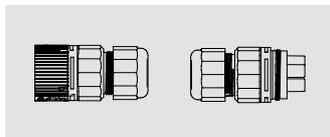
Earthspike.



Kg	L	Code
0.7	232	<b>1E2847</b>
2	832	<b>1E2848</b>

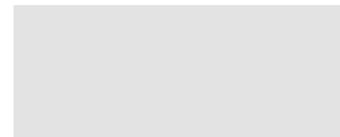
Spike with base for surface installation.  
**1E2847** - Short peg with base for surface mounting.  
**1E2848** - Long peg with base for surface mounting.

### Connector



Code
<b>1E2769</b>

Connectors kit for 5 pole coaxial connections.



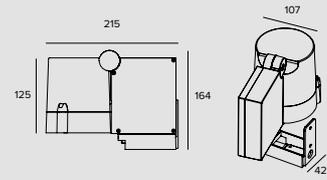
Code
<b>1E2494</b>

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# PYROS



## NANO PYROS RGB



LED RGB / 20W / SP					⊕	1.5	IP67	IK 10	1.5m	DMX 512A																				
					Driver	Colour	Code																							
<table border="1"> <thead> <tr> <th>Beam Spread</th> <th>Beam Diameter (mm)</th> <th>Beam Length (mm)</th> <th>Beam Area (mm²)</th> <th>Beam Volume (mm³)</th> </tr> </thead> <tbody> <tr> <td>23°</td> <td>215</td> <td>125</td> <td>2694</td> <td>3368</td> </tr> <tr> <td>35°</td> <td>215</td> <td>164</td> <td>5000</td> <td>8200</td> </tr> <tr> <td>47°</td> <td>215</td> <td>215</td> <td>9200</td> <td>15000</td> </tr> </tbody> </table>					Beam Spread	Beam Diameter (mm)	Beam Length (mm)	Beam Area (mm²)	Beam Volume (mm³)	23°	215	125	2694	3368	35°	215	164	5000	8200	47°	215	215	9200	15000	EL. DMX	●	<b>1E2833</b>			
Beam Spread	Beam Diameter (mm)	Beam Length (mm)	Beam Area (mm²)	Beam Volume (mm³)																										
23°	215	125	2694	3368																										
35°	215	164	5000	8200																										
47°	215	215	9200	15000																										

LED RGB / 20W / FL					⊕	1.5	IP67	IK 10	1.5m	DMX 512A															
					Driver	Colour	Code																		
<table border="1"> <thead> <tr> <th>Beam Spread</th> <th>Beam Diameter (mm)</th> <th>Beam Length (mm)</th> <th>Beam Area (mm²)</th> <th>Beam Volume (mm³)</th> </tr> </thead> <tbody> <tr> <td>35°</td> <td>215</td> <td>164</td> <td>5000</td> <td>8200</td> </tr> <tr> <td>47°</td> <td>215</td> <td>215</td> <td>9200</td> <td>15000</td> </tr> </tbody> </table>					Beam Spread	Beam Diameter (mm)	Beam Length (mm)	Beam Area (mm²)	Beam Volume (mm³)	35°	215	164	5000	8200	47°	215	215	9200	15000	EL. DMX	●	<b>1E2834</b>			
Beam Spread	Beam Diameter (mm)	Beam Length (mm)	Beam Area (mm²)	Beam Volume (mm³)																					
35°	215	164	5000	8200																					
47°	215	215	9200	15000																					

### Note

Photometrics show the maximum emission values of fixtures.

## Accessories

**Grid**

Code  
**1E2766**

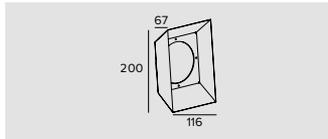
Anti-glare louver.  
Black painted metal honeycomb structure.  
Designed to be housed inside the fixture.

**Screen**

Code  
**1E2855**

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws.  
Permits the shielding of the light beam with wide beam optics.  
0.7Kg.

## Ray Shade

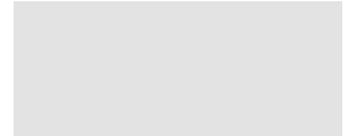
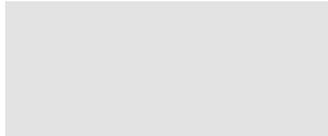


Code

**1E2856**

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.  
0.4Kg.

## Mounting System



Kg	L	Code
0.5	200	<b>1E2845</b>
1.8	800	<b>1E2846</b>

Kg	L	Code
0.7	232	<b>1E2847</b>
2	832	<b>1E2848</b>

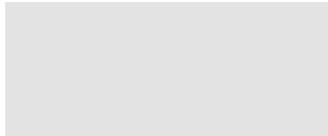
Spike with base for surface installation.

**1E2847** - Short peg with base for surface mounting.

**1E2848** - Long peg with base for surface mounting.

Earthspike.

## Cable



Code

**1E1715**

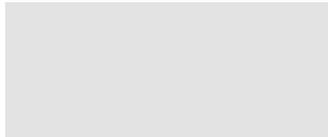
Multifunction cable for outdoor use (DMX + power supply).

Code

**1T1932**

Standard DMX cable (1 twisted pair + shield, 120Ohm).

## Control systems



Code

**1T1898**

my-SCENARIO Show Store.

Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.

The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.

The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.

The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).

The programmed light shows can be transferred to different control interfaces.



# Sage Hill High School

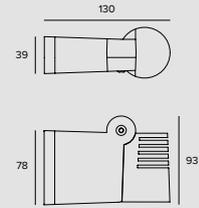
**Lighting Design**  
First Circle Design

**Photographer**  
©SAC Design

**Country**  
Newport Coast - USA



# PICO PYROS



## LED / 8W / SP

	3000K	4000K	5000K	5600K
Beam			28°	
Fixture Power	12W	2	0.52	2254
Mounting Hole	42mm	4	0.66	544
Fixture Size	48mm	4	0.93	258
Efficiency	24lm/W	4	0.25	241
Weight	220g	0	0.53	90

Driver	Colour	3000K	4000K
EL.	●	<b>1E2857</b>	<b>1E2859</b>

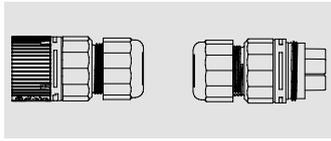
## LED / 8W / FL

	3000K	4000K	5000K	5600K
Beam			28°	
Fixture Power	12W	2	0.65	436
Mounting Hole	42mm	4	0.82	344
Fixture Size	42mm	4	0.95	33
Efficiency	24lm/W	4	0.42	43
Weight	180g	0	0.25	28

Driver	Colour	3000K	4000K
EL.	●	<b>1E2858</b>	<b>1E2860</b>

# Accessories

## Connector



Code  
**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting for the following products: Jupiter, Jupiter Mini, Saturn, Saturn Mini, and Led.Y.



Code  
**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# JUPITER

## GENERAL INFO

Ultra compact adjustable projector  
Ø38mm

## LED

Chip on board  
From 353lm to 1251lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Unitil 101lm/W

## OPTICS

SP – FL – WFL

## POWER SUPPLY

Electronic – DALI – 1-10V  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Anodised polished aluminium body. Aluminium front ring. Bevelled extra-clear front glass. Stainless steel bracket fixed to the body for adjustability.

Range of ultra compact projectors with lenticular type optic that makes it possible to obtain defined, precise beams.

It made entirely of “ferrite” colour painted anodised aluminium allows for vertical and horizontal rotation.

Can be installed in environments such as SPAs or around swimming pools, ensured by the 24V power supply system.

Also available inground versions in two different diameters ø50mm and ø80mm also in the new driver over solution.





# Toyekunov Family Palace

**Lighting designer**  
Tatyana  
Shkolnikova

**Photographer**  
Ilya Kouzov

**Country**  
Moscow - Russia

## 01 JUPITER



## JUPITER

JUPITER is the most simple and compact version in the family, with a fixed, lenticular-type optic system for precise and defined beams. It is entirely made of anodized aluminium painted ferrite complete with a steel bracket that allows it to be adjusted in respect to both the vertical and horizontal plane.

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## 02 JUPITER PRO

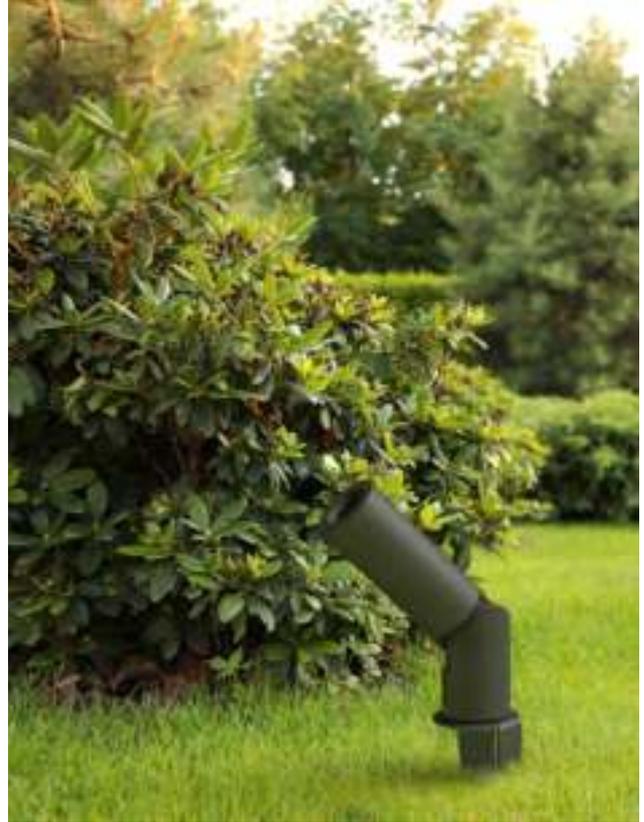


## JUPITER PRO

JUPITER PRO is the most professional projector of the JUPITER range and it is available in two different diameters Ø40 and Ø50 with fixed or multiple optics.

---

## 03



## Variable and flexible mounting

To ensure “universal” mounting, JUPITER PRO can be installed with any support equipped with a G ½” male shank slot. There are two different mounting systems available as an accessory: a stake for in-ground mounting, and a plate for wall or surface mounting.



## Multi-optic versions

One of the primary features of JUPITER is the ability to change the beam angle of the Multi-optic version. Without changing the IP rating, the holographic filter can be changed inside the optical compartment to obtain different beam angles. The product comes with additional holographic filters so they can be changed based on the project needs.



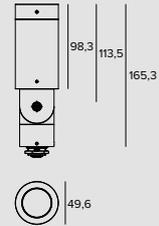
## Three elements in a single projector

JUPITER is made up of three elements:

- the base that can be attached to the floor or wall and then completed with the actual projector body;
- The central body, which is the heart of the system and physically isolated from the other elements with resin coating;
- The optical compartment that allows to vary the beam angle by replacing the different holographic filters.



**PRO**



**LED / 5,7W / LENS / NSP** ± 0.02 IP66 15m

	3000K	H(m)	D(m)	Iraaβ(x)
Beam			8°	
Fixture Power	5W	2	0.25	10121
Mounting Hole	62mm	4	0.30	200
Fixture Size	63mm	4	0.40	1000
Efficiency	74lm/W	4	0.50	90
1E3180 - 1mm-122W-0.07m 1mm	10121	0	0.25	100

Power supply	Colour	2700K	3000K	3500K
24Vdc	●	<b>1E3773</b>	<b>1E3774</b>	<b>1E3775</b>
24Vdc	●	<b>1E3776</b>	<b>1E3777</b>	<b>1E3778</b>

**LED / 10,35W / MULTI-OPTIC LENS / SP, NFL, FL, MWFL** ± 0.02 IP66 15m

	3000K	H(m)	D(m)	Iraaβ(x)
Beam			13°	
Fixture Power	12W	2	0.27	8822
Mounting Hole	110mm	4	0.34	200
Fixture Size	92mm	4	0.41	800
Efficiency	72lm/W	4	0.50	120
1E3181 - 1mm-122W-0.07m 1mm	8822	0	0.27	100

Power supply	Colour	2700K	3000K	3500K
24Vdc	●	<b>1E3779</b>	<b>1E3780</b>	<b>1E3781</b>
24Vdc	●	<b>1E3782</b>	<b>1E3783</b>	<b>1E3784</b>

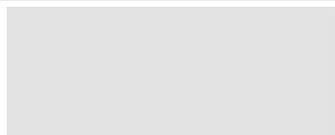
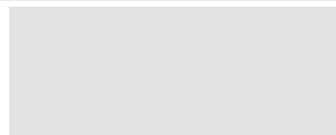
	3000K	H(m)	D(m)	Iraaβ(x)
Beam			14°	
Fixture Power	12W	2	0.33	900
Mounting Hole	110mm	4	0.34	200
Fixture Size	92mm	4	0.40	800
Efficiency	68lm/W	4	0.71	200
1E3180 - 1mm-122W-0.07m 1mm	900	0	0.33	100

	3000K	H(m)	D(m)	Iraaβ(x)
Beam			16°	
Fixture Power	12W	2	0.42	1210
Mounting Hole	110mm	4	0.44	200
Fixture Size	92mm	4	0.45	110
Efficiency	67lm/W	4	0.67	70
1E3180 - 1mm-122W-0.07m 1mm	1210	0	0.42	100

	3000K	H(m)	D(m)	Iraaβ(x)
Beam			11°	
Fixture Power	12W	2	0.35	2000
Mounting Hole	110mm	4	0.35	200
Fixture Size	92mm	4	0.44	200
Efficiency	68lm/W	4	0.68	110
1E3181 - 1mm-122W-0.07m 1mm	2000	0	0.35	100

**Related codes**

**Mounting System**



Colour	Code
●	<b>1E3785</b>
●	<b>1E3803</b>

Earthspike.  
Powder coated stainless steel.

Colour	Code
●	<b>1E3786</b>
●	<b>1E3804</b>

Plate for fixture rotation.  
Powder coated stainless steel.

# JUPITER

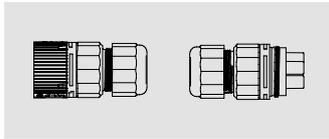
## Related codes

Power Supply	
	
	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>
Electronic power supply LxHxP	
	Code
	
	Code
	<b>1E2908</b>
DALI electronic power supply LxHxP	
	Code
	<b>1E0993</b>
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.	

## Accessories

Filter	
	
	Code
Filter	Ø
Red	50
Green	50
Blue	50
Yellow	50
Magenta	50
Chromatic filter. Glass with dichroic treatment.	
	Code
	
	Code
	<b>1E3790</b>
Blade of light filter. PMMA holographic filter for a blade of light effect. Diameter 50mm.	
Grid	
	
	Code
	<b>1E3792</b>
Anti-glare louver. Black painted metal honeycomb structure. Ready to be housed inside the optical compartment. Diameter 50mm.	
Screen	
	
	Code
	<b>1E3788</b>
	Code
	<b>1E3806</b>
Asymmetric screen. Powder coated stainless steel. Diameter 50mm.	

## Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

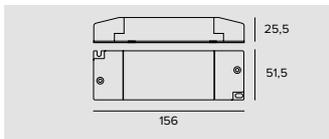


Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

## Control systems



Code

**1T6581**

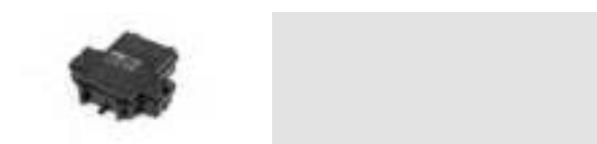
DALI/1-10V dimmer 12/24V.



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

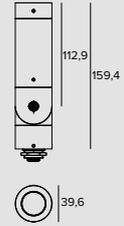
**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# JUPITER



## PRO Small



### LED / 5,7W / LENS MULTIOPTIC / SP, FL, MWFL



	3000K	H(m)	D(m)	Irradiance	
Beam	37°				
Fixture Power	5W	0	0.10	8774	
Mounting Pole	400mm	4	0.36	2394	
Fixture Size	92mm	4	0.87	873	
Efficiency	110lm/W	4	0.75	348	
1E3186	5Wx110lm/Wx92mm	8774	0	0.99	842

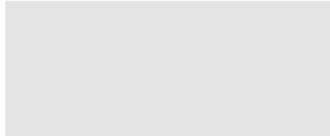
	3000K	H(m)	D(m)	Irradiance	
Beam	20°				
Fixture Power	5W	0	0.26	3374	
Mounting Pole	400mm	4	0.73	468	
Fixture Size	87mm	4	1.06	243	
Efficiency	100lm/W	4	1.44	188	
1E3186	5Wx100lm/Wx87mm	3374	0	1.80	87

Power supply	Colour	2700K	3000K	3500K
24Vdc	●	<b>1E3767</b>	<b>1E3768</b>	<b>1E3769</b>
24Vdc	●	<b>1E3770</b>	<b>1E3771</b>	<b>1E3772</b>

	3000K	H(m)	D(m)	Irradiance	
Beam	37°				
Fixture Power	5W	0	0.66	713	
Mounting Pole	400mm	4	1.36	278	
Fixture Size	94mm	4	2.04	89	
Efficiency	49lm/W	4	2.71	45	
1E3186	5Wx49lm/Wx94mm	713	0	4.89	20

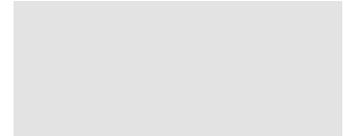
## Related codes

### Mounting System



Colour	Code
●	<b>1E3785</b>
●	<b>1E3803</b>

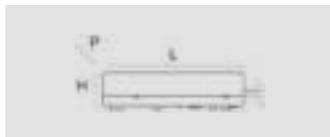
Earthspike.  
Powder coated stainless steel.



Colour	Code
●	<b>1E3786</b>
●	<b>1E3804</b>

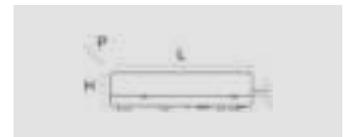
Plate for fixture rotation.  
Powder coated stainless steel.

### Power Supply



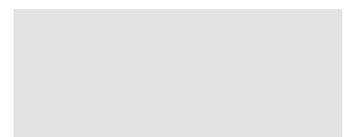
	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>

Electronic power supply  
LxHxP



	Code
16W - 220-240Vac, 24Vdc - 110x22x52mm - IP20	<b>1E2908</b>

DALI electronic power supply  
LxHxP

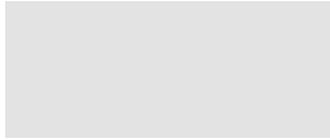


	Code
	<b>1E0993</b>

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.

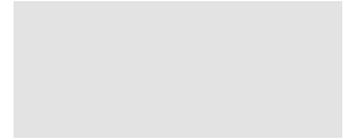
# Accessories

## Filter



Filter	Ø	Code
Red	40	<b>1E3793</b>
Green	40	<b>1E3794</b>
Blue	40	<b>1E3795</b>
Yellow	40	<b>1E3796</b>
Magenta	40	<b>1E3797</b>

Chromatic filter.  
Glass with dichroic treatment.



Code
<b>1E3789</b>

Blade of light filter.  
PMMA holographic filter for a blade of light effect.  
Diameter 40mm.

## Grid



Code
<b>1E3791</b>

Anti-glare louver.  
Black painted metal honeycomb structure.  
Ready to be housed inside the optical compartment.  
Diameter 40mm.

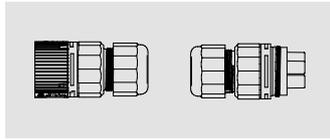
## Screen



Colour	Code
	<b>1E3787</b>
	<b>1E3805</b>

Asymmetric screen.  
Powder coated stainless steel.  
Diameter 40mm.

## Connector



Code
<b>1E2769</b>

Connectors kit for 5 pole coaxial connections.  
Remote mounting.

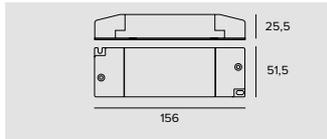


Code
<b>1E2494</b>

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# JUPITER

## Control systems



Code

**1T6581**

DALI/1-10V dimmer 12/24V.



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.



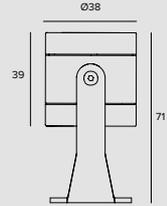
Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.



# Mini Projector



## LED / 3W / SP



	3000K	H(m)	D(m)	Imax(lm)
Kali			17°	
Fixture Power	7W	3	0.33	3307
Mounting Pole	303m	4	0.33	3308
Fixture Size	283m	4	0.33	3309
Efficiency	71lm/W	4	0.33	3310
1E3166	Imax=15773lm/W	Max	3037m	3

Power supply	Colour	3000K	4000K
24Vdc	●	<b>1E3167</b>	<b>1E3168</b>

## LED / 3W / FL



	3000K	H(m)	D(m)	Imax(lm)
Kali			30°	
Fixture Power	7W	3	0.33	3362
Mounting Pole	303m	4	0.33	3363
Fixture Size	283m	4	0.33	3364
Efficiency	71lm/W	4	0.33	3365
1E3169	Imax=15773lm/W	Max	3037m	3

Power supply	Colour	3000K	4000K
24Vdc	●	<b>1E3169</b>	<b>1E3170</b>

## LED / 3W / WFL



	3000K	H(m)	D(m)	Imax(lm)
Kali			60°	
Fixture Power	7W	3	0.33	3607
Mounting Pole	303m	4	0.33	3608
Fixture Size	302m	4	0.33	3609
Efficiency	71lm/W	4	0.33	3610
1E3171	Imax=15773lm/W	Max	3037m	3

Power supply	Colour	3000K	4000K
24Vdc	●	<b>1E3171</b>	<b>1E3172</b>

# JUPITER

## Accessories

### Mounting System



L	Code
110	<b>1E0995FE</b>

Ferrite painted peg for ground anchorage.

### Connector



Code
<b>1E2769</b>

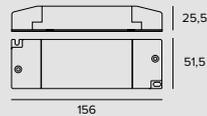
Connectors kit for 5 pole coaxial connections.  
Remote mounting.



Code
<b>1E2494</b>

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

### Control systems



Code
<b>1T6581</b>

DALI/1-10V dimmer 12/24V.



Code
<b>1E3048</b>

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code
<b>1E3049</b>

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.



## Toyekunov Family Palace

**Lighting designer**  
Tatyana  
Shkolnikova

**Photographer**  
Ilya Kouzov

**Country**  
Moscow - Russia

# LED.Y

## GENERAL INFO

Adjustable on bracket projector  
ø50mm

## LED

Mono-led  
LED emitter  
3000K – 6000K  
From 99lm to 143lm  
Ra80  
RGB: RGB LED Multichip  
From 40lm to 48lm

## PRODUCT EFFICACY

Until 47lm/W

## OPTICS

Versions Mono-led  
SP - FL

## POWER SUPPLY

Electronic

## MATERIAL

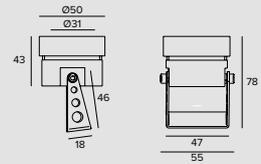
Anodised aluminium body and bracket.

A series of miniature fixtures available in recessed or projector versions with monochromatic LED and RGB technology.





# Projector



LED / 2W / SP								
	3000K	4000	2000	3000K	Power supply	Colour	3000K	6000K
	Kali			4°	700mA		<b>1E2371</b>	<b>1E2372</b>
	Fixture Power	2W	2	0.14				
	Mounting Hole	Ø17mm	4	0.32				
	Fixture Size	Ø18mm	4	0.46				
Efficiency	100lm/W	4	0.44	219				
1E2370	Beam-170mmØ18mm	Beam	Ø17mm	4	0.32	40		

LED / 2W / FL								
	3000K	4000	2000	3000K	Power supply	Colour	3000K	6000K
	Kali			34°	700mA		<b>1E2373</b>	<b>1E2374</b>
	Fixture Power	2W	2	0.45				
	Mounting Hole	Ø16mm	4	0.22				
	Fixture Size	Ø16mm	4	0.31	25			
Efficiency	110lm/W	4	0.42	15				
1E2370	Beam-Ø16mmØ16mm	Beam	Ø16mm	4	0.22	9		

## Related codes

## Accessories

### Power Supply

Code	
<b>1E1385</b>	

Electronic power supply 17W, Ø105 h74, 220-240V, 700mA - 12W, Ø105 h74, 110-120V, 700mA.  
For Led.Y Monoled: it can drive up to 6 LED.Y fixtures simultaneously. Connection in series.

### Mounting System

L	Code
110	<b>1E0995</b>

Peg for ground anchorage.  
Stainless steel.

### Connector

Code	
<b>1E2769</b>	

Connectors kit for 5 pole coaxial connections.  
Remote mounting.

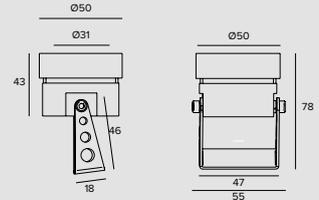
Code	
<b>1E2494</b>	

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

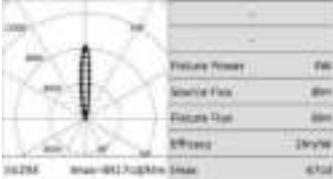
# LED.Y



## Projector RGB



### LED RGB / 3,5W / SP

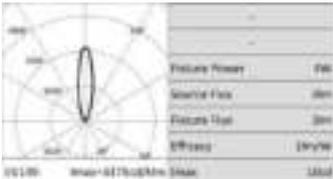


Power supply	Colour	RGB
3x350mA	●	<b>1E1855</b>

### Note

Photometrics show the maximum emission values of fixtures.

### LED RGB / 3,5W / FL



Power supply	Colour	RGB
3x350mA	●	<b>1E1410</b>

### Note

Photometrics show the maximum emission values of fixtures.

## Related codes

### Control systems



Code

**1E1401**

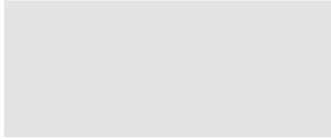
SECS 75.  
Power supply and Control System SECS Scene Effect Control System.  
SECS 75 drivers combine the following 3 functions in a single unit.: power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.  
The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.  
SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.  
75W output IP67



Code

**1T1827**

SECS 75.  
Power supply and Control System SECS Scene Effect Control System.  
SECS 75 drivers combine the following 3 functions in a single unit.: power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.  
The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.  
SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.  
75W output IP20



Code

**1T2245**

**SECS 36.**

Power supply and Control System SECS Scene Effect Control System.

SECS 36 drivers combine the following 3 functions in a single unit.: power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices.

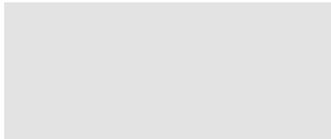
The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch.

SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices.

35W output IP20

## Accessories

### Mounting System

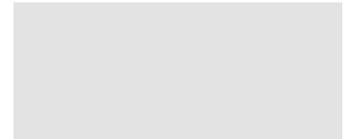


L Code

110 **1E0995**

Peg for ground anchorage.  
Stainless steel.

### Cable

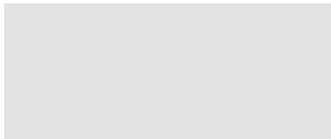


Code

**1E1713**

6-pole cable for driver output connection to Constant Current LED sources.

### Control systems



Code

**1T1898**

my-SCENARIO Show Store.

Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.

The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.

The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.

The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).

The programmed light shows can be transferred to different control interfaces.

Outdoor

**Wall recessed**

# Wall recessed



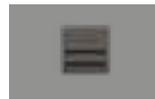
**708**  
**ZEDGE PRO**



**719**  
**ZEDGE Line**



**719**  
**ZEDGE Line**  
Opal



**722**  
**ZEDGE**



# ZEDGE

## GENERAL INFO

Recessed wall mounted fixture,  
surface mounted and bollard.

Zedge 63x63mm

Zedge LINE 63x304mm

Zedge LINE OPAL 63x304mm

Zedge PRO 200x200mm

## LED

### Zedge

Linear boards

From 570lm to 598lm

3000K – 4000K

Ra84

### Zedge LINE e Zedge OPAL

Linear boards

From 818lm to 1310lm

2700K – 3000K – 4000K

Ra84

### Zedge PRO

2 Chip on board

From 2022lm to 2179lm

2700K – 3000K – 4000K

Ra84

## PRODUCT EFFICACY

Zedge until 9lm/W

Zedge LINE until 29lm/W

Zedge PRO until 52lm/W

## OPTICS

### Zedge

Floor washer

Floor washer + Halo Louvre

### Zedge LINE

Floor Washer

### Zedge OPAL

Diffuse

### Zedge PRO

Floor washer deep

Floor Washer wide

Floor Washer adjustable

## POWER SUPPLY

Electronic - DALI - 24V

Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

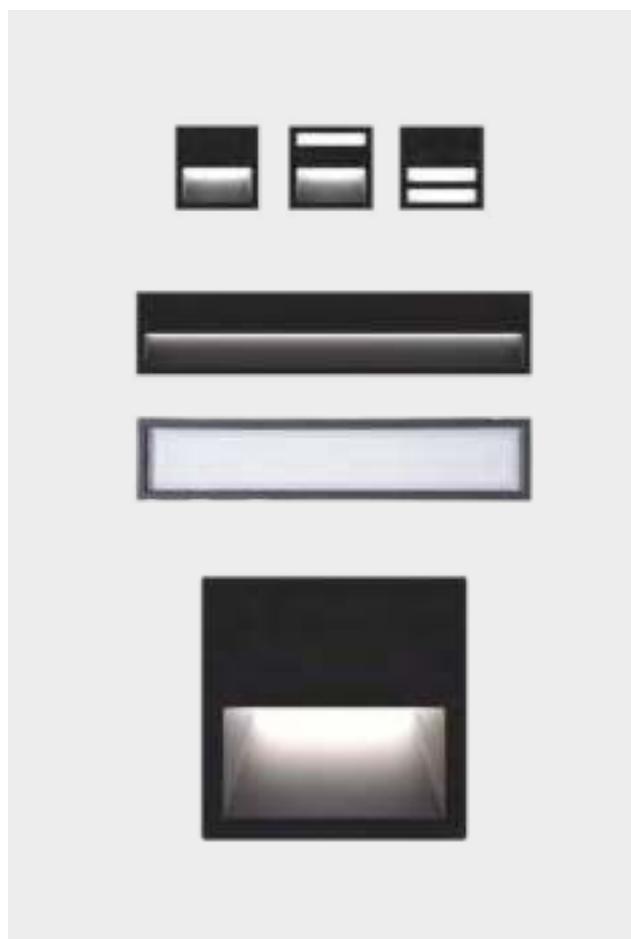
The body of the fixture are made of powder coated die-cast anodised aluminium.

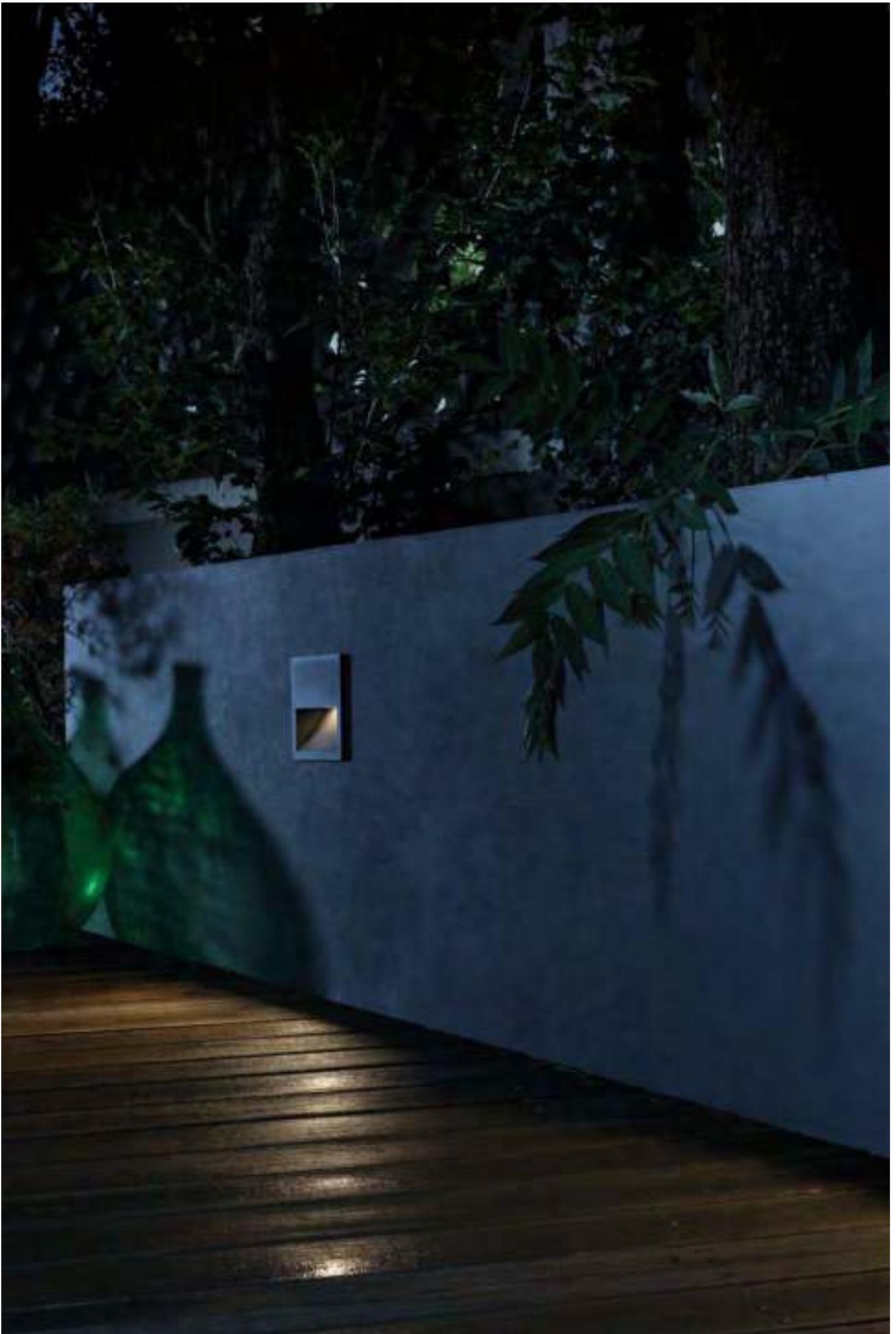
Zedge LINE OPAL complete with polycarbonate screen.

The Zedge range designed in collaboration with the firm Gensler to light passage ways, stairs or corridors with solutions with a simple design yet with extreme attention to detail.

Available in three different sizes and with 24V and 220V integrated drivers.

With the use of special accessories the PRO fixture is also available in a bollard and wall mounted version.





Wall recessed



01



## Zedge Pro

The larger and high-performance fixture it is a real floor-washer with an innovative optical system and a design based on a perfect play of proportions, inclined planes, defined corners and sharp edges.

The finishing screen can be installed on the surface or flush with the wall for maximum formal simplicity.

Optical systems is made of two independent beams that can be configured in different ways to produce multiple effects: DEEP, WIDE plus all the effects in between with the innovative ADJUSTABLE version.

Wall recessed

02

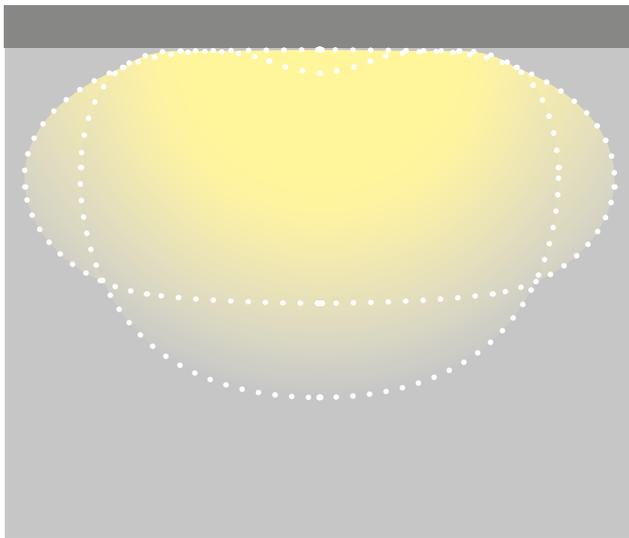
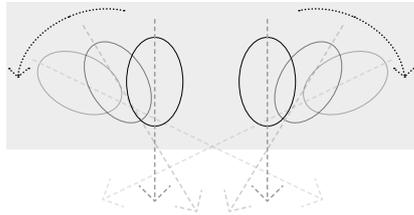


## Bollard and Wall mounted versions

Thanks to the special accessories it is now possible to install Zedge PRO even in a Wall mounted and Bollard versions, available in three different heights 400 - 800 - 1000mm.

711

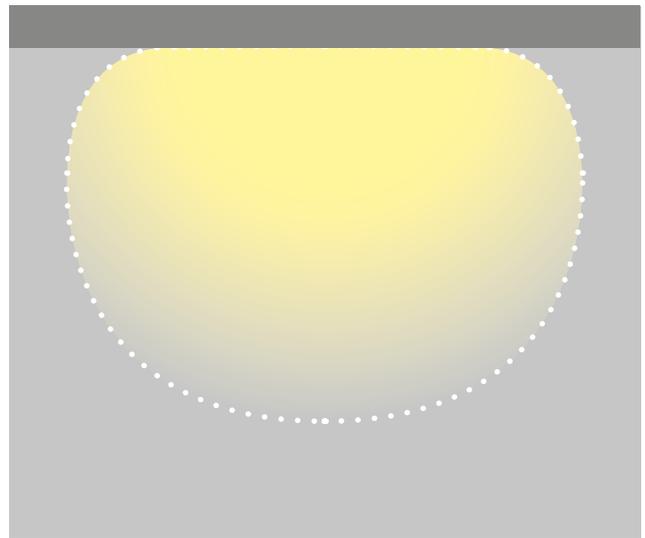
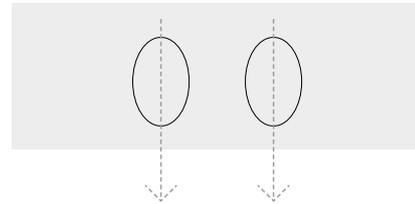
03



## Adjustable Version

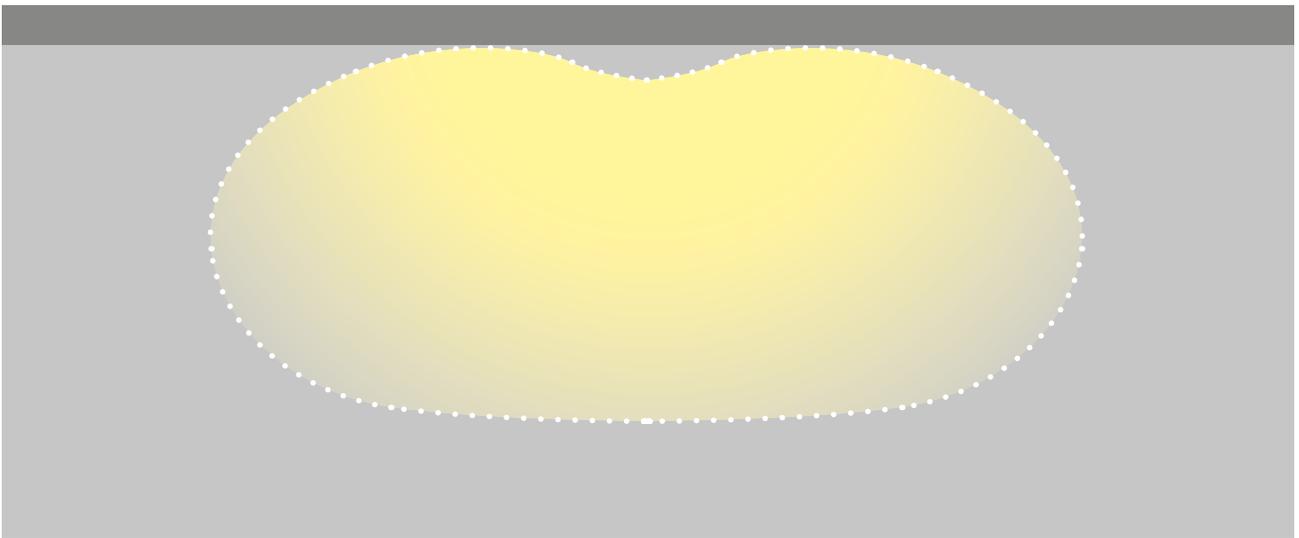
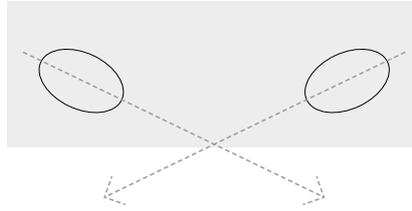
An innovative solution that makes it possible to obtain different light effects with the same fixture by calibrating the light beam to suit different project needs. Using an Allen key, it is possible to rotate the optical system changing from a DEEP effect to a WIDE effect fluidly, choosing the most suitable position for the project from among the myriad of intermediary positions.

04



## Deep Version

For deep lighting of horizontal surfaces where the priority is to light large open spaces or very wide pathways.



## Wide Version

For lighting that favours illuminance uniformity on the longitudinal axis such as long public or private pedestrian walkways.



## Double version for Zedge Line

It is the slim and slender version of the line, available in a double version with floor washer reflector for discreet and controlled illumination of the walking surface and in the new OPAL version for softer and more diffuse outdoor lighting.



## The smaller version is a real step-marker

It has perfect design proportions, maximum attention to detail and with a mild, delicate and comfortable lighting effect. Designed for outdoor lighting but it's extremely compact size - 6cm x 6cm – combined with the possibility to choose from 13 different colour finishes make it a functional and decorative element that can be used even for indoor installations.

Depending on different design requirements it can be installed using an accessory outer casing or directly in the plasterboard. The decorative screen only 5mm thick, simplifies and finishes any installation. Depending on the driver chosen it is possible to connect and power up to 45 fixtures in parallel connection.

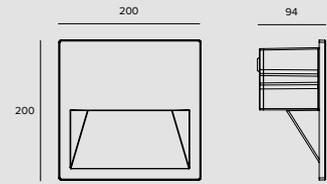


## Zedge Mini Bollard

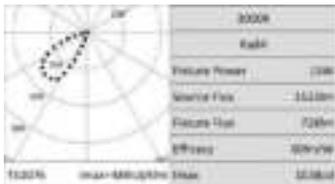
New small bollard step-marker from the ZEDGE range. Small, high performance with high visual comfort and excellent light distribution on the floor. Available in a 24V version to be powered by a 230V/24Vdc electronic transformer as an accessory and dimmable with a special accessory kit. To complete with a fixing system.



# Pro

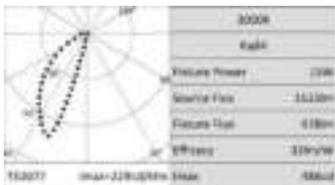


## LED / 13W / DEEP



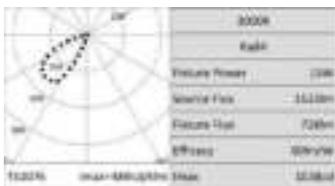
Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3192EL</b>	<b>1E3195EL</b>	<b>1E3760EL</b>	<b>1E3198EL</b>
DALI	●	<b>1E3192DA</b>	<b>1E3195DA</b>	<b>1E3760DA</b>	<b>1E3198DA</b>

## LED / 13W / WIDE

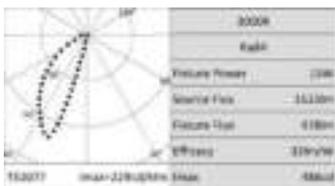


Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3201EL</b>	<b>1E3204EL</b>	<b>1E3761EL</b>	<b>1E3207EL</b>
DALI	●	<b>1E3201DA</b>	<b>1E3204DA</b>	<b>1E3761DA</b>	<b>1E3207DA</b>

## LED / 13W / ADJUSTABLE



Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	<b>1E3210EL</b>	<b>1E3213EL</b>	<b>1E3762EL</b>	<b>1E3216EL</b>
DALI	●	<b>1E3210DA</b>	<b>1E3213DA</b>	<b>1E3762DA</b>	<b>1E3216DA</b>



## Related codes

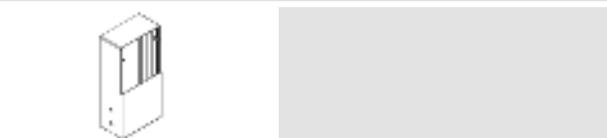
### Insertion Box



Code
<b>1E3219</b>

Nylon outer casing fitted for parallel connection with feed through-wiring.  
AxH=207x207x114.5mm.

### Bollard

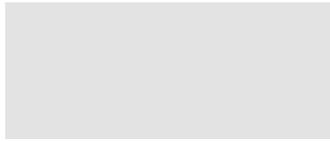


L	P	H	Colour	Code
200	115	400	●	<b>1E3437</b>
200	115	800	●	<b>1E3438</b>
200	115	1000	●	<b>1E3439</b>

Powder coated anodised aluminium bollard.

# ZEDGE

## Mounting System

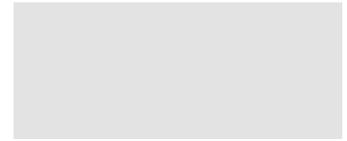


Code

**1E3450**

Fixing rods for installation in concrete 147x30x28mm.  
AISI 316 stainless steel.  
For Bollard installation.

## Carter



Colour

Code

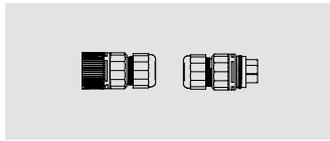


**1E3440**

Plate accessory for wall mounted installation.  
Powder coated anodised aluminium.  
AxBxH=201x201x107mm.

## Accessories

### Connector

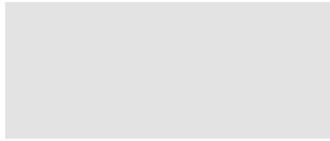


Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

### Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



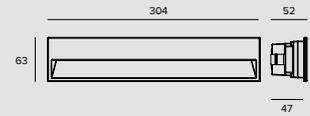
Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.



## Line



### LED / 6W / FLOOR WASHER 0,7 IP66 IK10



Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	●	<b>1E3441</b>	<b>1E3445</b>	<b>1E3763</b>	<b>1E3446</b>

### LED / 8W / FLOOR WASHER 0,7 IP66 IK10



Driver	Colour	2700K	3000K	3500K	4000K
EL	●	<b>1E3442EL</b>	<b>1E3443EL</b>	<b>1E3764EL</b>	<b>1E3444EL</b>
DALI	●	<b>1E3442DA</b>	<b>1E3443DA</b>	<b>1E3764DA</b>	<b>1E3444DA</b>



## Line Opal



### LED / 6W / VWFL 0,7 IP66 IK07



Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	●	<b>1E3511</b>	<b>1E3513</b>	<b>1E3765</b>	<b>1E3515</b>

### LED / 8W / VWFL 0,7 IP66 IK07



Driver	Colour	2700K	3000K	3500K	4000K
EL	●	<b>1E3512EL</b>	<b>1E3514EL</b>	<b>1E3766EL</b>	<b>1E3516EL</b>
DALI	●	<b>1E3512DA</b>	<b>1E3514DA</b>	<b>1E3766DA</b>	<b>1E3516DA</b>

# ZEDGE

## Related codes

### Power Supply



Code

10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>

Electronic power supply  
LxHxP



Code

**1E0993**

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.

### Insertion Box



Code

**1E3447**

Nylon outer casing fitted for parallel connection with feed through-wiring.

### Mounting System



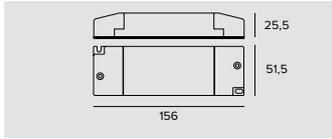
Code

**1T7003**

Stainless steel spring kit for installation without insertion box.

# Accessories

## Control systems



Code

**1T6581**

DALI/1-10V dimmer 12/24V.

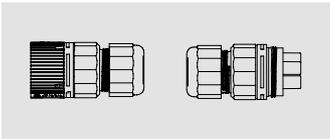
## Connector



Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

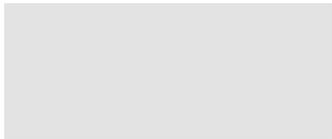


Code

**1E2769**

Connectors kit for 5 pole coaxial connections.

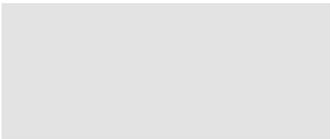
## Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



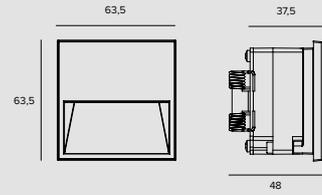
Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.



## Floor Washer



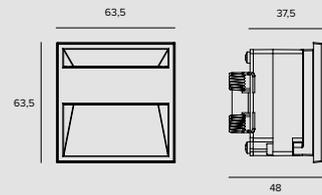
**LED / 4W**

Beam angle	3000K		4000K	
	40°	60°	40°	60°
Fixture Power	7W	3.24	3.31	3.7
Mounting Hole	5.05mm	5	5.25	4
Fixture Size	48mm	4	4.81	4
Efficiency	100%	4	10.80	8.91
TS2000	100%	4	10.80	10.80

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	○	<b>1E3742</b>	<b>1E3154</b>	<b>1E3745</b>	<b>1E3157</b>
24Vdc	●	<b>1E3743</b>	<b>1E3160</b>	<b>1E3746</b>	<b>1E3163</b>
24Vdc	●	<b>1E3744</b>	<b>1E3148</b>	<b>1E3747</b>	<b>1E3151</b>



## Floor Washer + Halo



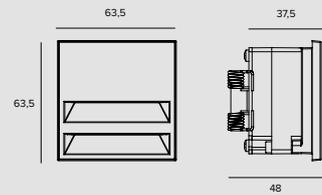
**LED / 4W**

Beam angle	3000K		4000K	
	40°	60°	40°	60°
Fixture Power	7W	3.24	3.30	3.7
Mounting Hole	5.05mm	5	5.25	4
Fixture Size	48mm	4	4.81	4
Efficiency	100%	4	11.80	9.25
TS2000	100%	4	11.80	11.80

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	○	<b>1E3748</b>	<b>1E3155</b>	<b>1E3751</b>	<b>1E3158</b>
24Vdc	●	<b>1E3749</b>	<b>1E3161</b>	<b>1E3752</b>	<b>1E3164</b>
24Vdc	●	<b>1E3750</b>	<b>1E3149</b>	<b>1E3753</b>	<b>1E3152</b>



## Louvre



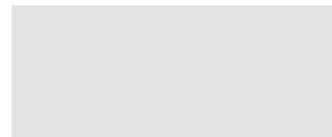
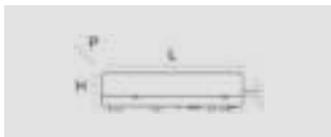
**LED / 4W**

Beam angle	3000K		4000K	
	40°	60°	40°	60°
Fixture Power	7W	3.24	3.25	3
Mounting Hole	5.05mm	5	5.15	5
Fixture Size	48mm	4	4.60	4.25
Efficiency	100%	4	10.47	10.00
TS2000	100%	4	10.47	10.30

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	○	<b>1E3754</b>	<b>1E3156</b>	<b>1E3757</b>	<b>1E3159</b>
24Vdc	●	<b>1E3755</b>	<b>1E3162</b>	<b>1E3758</b>	<b>1E3165</b>
24Vdc	●	<b>1E3756</b>	<b>1E3150</b>	<b>1E3759</b>	<b>1E3153</b>

## Related codes

### Power Supply



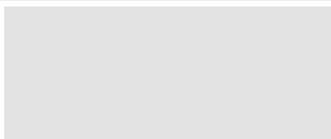
	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>

Electronic power supply  
LxHxP

	Code
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.	<b>1E0993</b>

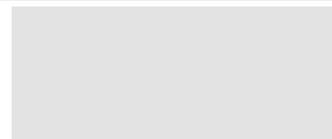
## Accessories

### Insertion Box



	Code
	<b>1E3166</b>

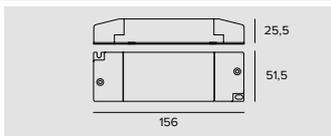
Outer casing in plastic material fitted for parallel connection with feed through-wiring.  
For the fixture.  
Cutout hole AxBxP=87x59x72.5mm.



	Code
	<b>1E3180</b>

Stainless steel outer casing fitted for parallel connection with feed through-wiring.  
For fixture + driver.  
Cutout hole AxBxP=166x72x87mm.

### Control systems



	Code
	<b>1T6581</b>

DALI/1-10V dimmer 12/24V.

### Terminal Box



	Code
	<b>1E3181</b>

Terminal box with gel.

## Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.



Wall recessed

Outdoor

**Surface luminaires**

# Surface luminaires



730  
MR SMITH



737  
MRS SMITH



740  
FEBO EVO



728  
Q-BO



746  
STILO



758  
HOCKEY



# Q-BO

## IP67

### GENERAL INFO

Wall and ceiling mounted fixture  
for grazing light effect.  
Side 160mm

### LED

Chip on board  
From 4122lm to 4228lm  
3000K – 4000K  
Ra84

### PRODUCT EFFICACY

Unitil 84lm/W

### OPTICS

Reflector Optics  
BI-EMISSION – PLURI-EMISSION

### POWER SUPPLY

Electronic

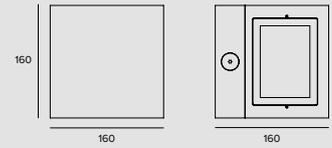
### MATERIAL

Painted die-cast anodised aluminium body.

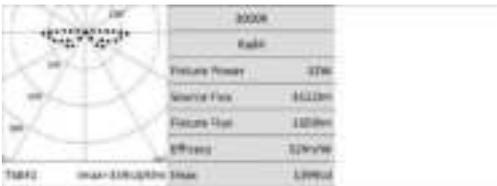
A ceiling or wall mounted fixture for grazing light effect available in two versions, bi-emission direct/indirect or pluri-emission.

The range of accessories the fixture can be completed with make it possible to create scenographic lighting effects on the surface to be illuminated and to tailor the light beam according to specific project requirements.



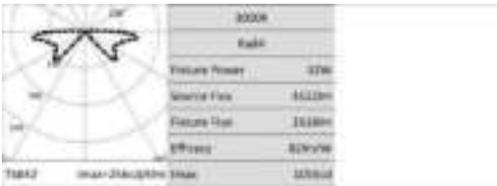


**LED / 29W / BI-DIRECTIONAL EMISSION / VWFL** ⊕ 5.5 IP67



Driver	Colour	3000K	4000K
EL.	●	<b>1E2956</b>	<b>1E2957</b>

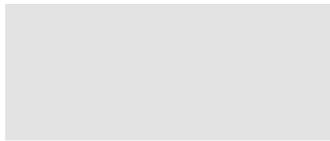
**LED / 29W / MULTIDIRECTIONAL / VWFL** ⊕ 5.5 IP67



Driver	Colour	3000K	4000K
EL.	●	<b>1E2958</b>	<b>1E2959</b>

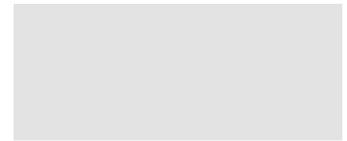
## Accessories

**Shaper**



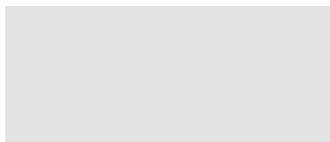
Code  
**1E2953**

Blade of light (4/6°).  
Equipped with micrometric adjustability to obtain perfect light beam direction.



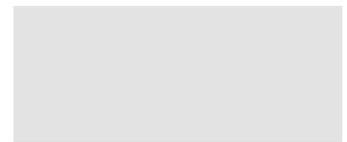
Code  
**1E2954**

Narrow blade of light (10/12°).  
Equipped with micrometric adjustability to obtain perfect light beam direction.



Code  
**1E2960**

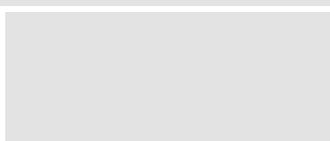
Louvre.  
Beam width 50°.



Code  
**1E2961**

Louvre.  
Beam width 30°.

**Shutter**



Code  
**1E2955**

Shutter.  
To be mounted outside the fixture.

# Mr & Mrs SMITH

## GENERAL INFO

Wall mounted LED fixtures.  
Mr Smith 305x63.6x51.5mm  
Mrs Smith 130x130x51.5mm

## LED

LED Chip on board high efficacy  
From 388lm to 1217lm  
2700K – 3000K – 4000K  
Ra84  
Ra90 on request.

## PRODUCT EFFICACY

Unitil 97m/W

## OPTICS

Direct - Indirect - Direct/indirect

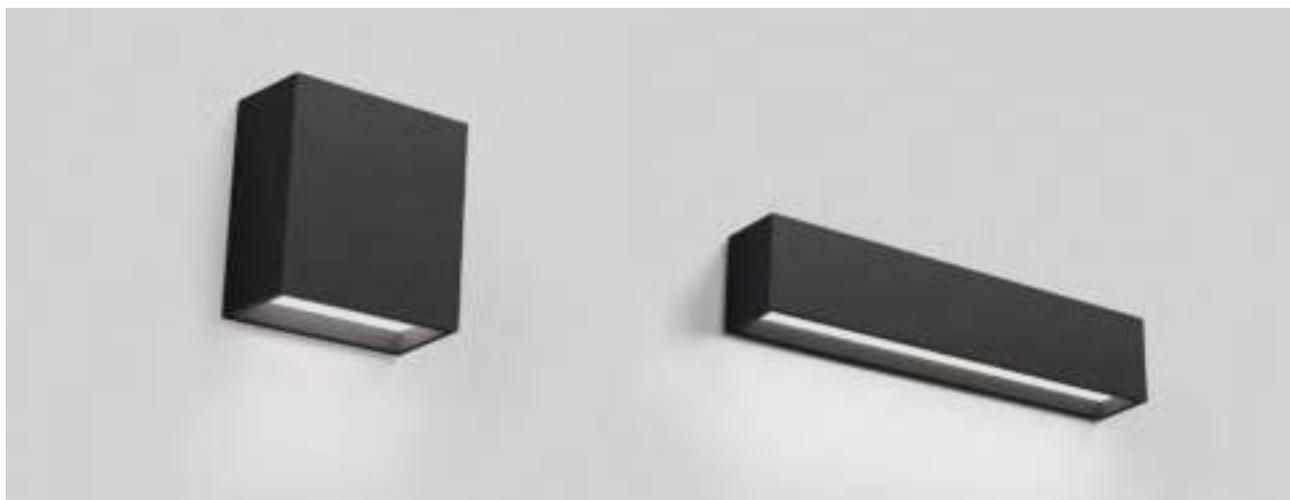
## POWER SUPPLY

Electronic – DALI - 24V

## MATERIAL

Anodized and painted extruded aluminium body.  
Injection-moulded opal polycarbonate screen.

New applique for outdoor installation.  
Available in two different versions: Square shaped Mr Smith and rectangular shaped Mrs Smith for wall mounted installations with direct fixing on the back of the product. Both versions are available with different emissions: indirect, direct and direct/indirect.







## Double shape

130x130 square solution and 63x300 rectangular solution, both made up of two elements for quick mounting without visible screws and an overall clean effect. The base is attached to the installation surface and the body of the device, which has different sections based on the type of emission, is attached to it.





## Three light skimming effects

Direct, indirect, and direct/indirect emission.

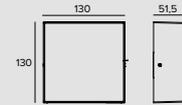
The direct light version has an inclined plane at the bottom that, together with the opal polycarbonate screen, softly accompanies the light recalling the design of the ZEDGE Series.

In the version with only indirect or direct/indirect emission the polycarbonate screen at the top softly diffuses the light.

# MR & MRS SMITH



## MR SMITH



**LED / 6W / FLOOD / DIRECT** ☑️ 📏 0.75 IP65

Driver	Colour	2700K	3000K	4000K
	●	<b>1E3528</b>	<b>1E3530</b>	<b>1E3532</b>

### Note

24V version to be powered with an electronic 230V/24Vdc transformer available as an accessory and dimmable with the special accessory kit.

**LED / 6W / FLOOD / DIRECT** ⊖ 📏 0.75 IP65

Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3527EL</b>	<b>1E3529EL</b>	<b>1E3531EL</b>
DALI	●	<b>1E3527DA</b>	<b>1E3529DA</b>	<b>1E3531DA</b>

**LED / 6W / FLOOD / INDIRECT** ☑️ 📏 0.75 IP65

Driver	Colour	2700K	3000K	4000K
	●	<b>1E3522</b>	<b>1E3524</b>	<b>1E3526</b>

### Note

24V version to be powered with an electronic 230V/24Vdc transformer available as an accessory and dimmable with the special accessory kit.

**LED / 6W / FLOOD / INDIRECT** ⊖ 📏 0.75 IP65

Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3521EL</b>	<b>1E3523EL</b>	<b>1E3525EL</b>
DALI	●	<b>1E3521DA</b>	<b>1E3523DA</b>	<b>1E3525DA</b>

**LED / 12W / FLOOD / DIRECT/INDIRECT**



	3000K	4000K	5000K	6000K	
	Beam	30°	34°		
	Fixture Power	12W	1	1.26	1.26
	Mounting Height	1.700m	4	4.01	4.01
	Fixture Size	112mm	4	1.21	1.21

Driver	Colour	2700K	3000K	4000K
		<b>1E3534</b>	<b>1E3536</b>	<b>1E3538</b>

**Note**

24V version to be powered with an electronic 230V/24Vdc transformer available as an accessory and dimmable with the special accessory kit.

**LED / 11,7W / FLOOD / DIRECT/INDIRECT**



	3000K	4000K	5000K	6000K	
	Beam	30°	34°		
	Fixture Power	11.7W	1	1.26	1.13
	Mounting Height	1.807m	4	4.01	4.01
	Fixture Size	118mm	4	1.21	1.21

Driver	Colour	2700K	3000K	4000K
EL.		<b>1E3533EL</b>	<b>1E3535EL</b>	<b>1E3537EL</b>
DALI		<b>1E3533DA</b>	<b>1E3535DA</b>	<b>1E3537DA</b>

**Related codes**

**Power Supply**



Code

10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>

Electronic power supply  
LxHxP



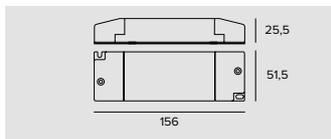
Code

<b>1E0993</b>
---------------

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.

**Accessories**

**Control systems**



Code

<b>1T6581</b>
---------------

DALI/1-10V dimmer 12/24V.



Code

<b>1E3048</b>
---------------

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.



Code

<b>1E3049</b>
---------------

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.

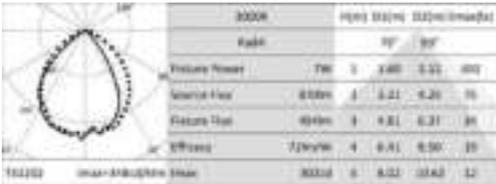
# MR & MRS SMITH



## MRS SMITH

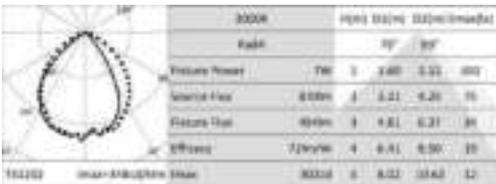


### LED / 6,1W / FLOOD / DIRECT 0,9 IP65



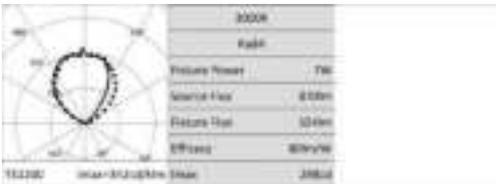
Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3546</b>	<b>1E3548</b>	<b>1E3550</b>

### LED / 6,1W / FLOOD / DIRECT 1,0 IP65



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3545EL</b>	<b>1E3547EL</b>	<b>1E3549EL</b>
DALI	●	<b>1E3545DA</b>	<b>1E3547DA</b>	<b>1E3549DA</b>

### LED / 6,1W / FLOOD / INDIRECT 0,9 IP65

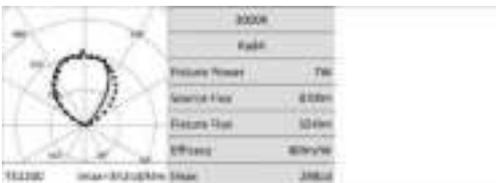


Power supply	Colour	2700K	3000K	4000K
24Vdc	●	<b>1E3540</b>	<b>1E3542</b>	<b>1E3544</b>

### Note

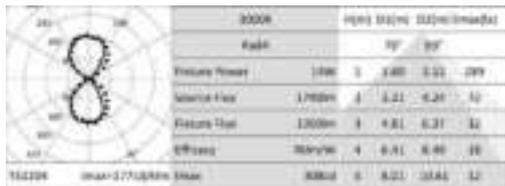
24V version to be powered with an electronic 230V/24Vdc transformer available as an accessory and dimmable with the special accessory kit.

### LED / 6,1W / FLOOD / INDIRECT 1,0 IP65



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3539EL</b>	<b>1E3541EL</b>	<b>1E3543EL</b>
DALI	●	<b>1E3539DA</b>	<b>1E3541DA</b>	<b>1E3543DA</b>

**LED / 12W / FLOOD / DIRECT/INDIRECT** 0,9 IP65

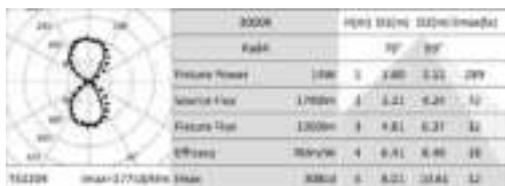


Power supply	Colour	2700K	3000K	4000K
24Vdc		<b>1E3552</b>	<b>1E3554</b>	<b>1E3556</b>

**Note**

24V version to be powered with an electronic 230V/24Vdc transformer available as an accessory and dimmable with the special accessory kit.

**LED / 12W / FLOOD / DIRECT/INDIRECT** 1,0 IP65



Driver	Colour	2700K	3000K	4000K
EL.		<b>1E3551EL</b>	<b>1E3553EL</b>	<b>1E3555EL</b>
DALI		<b>1E3551DA</b>	<b>1E3553DA</b>	<b>1E3555DA</b>

**Related codes**

**Power Supply**

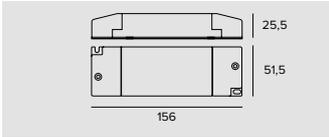


	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	<b>1E3179</b>
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	<b>1T3726</b>
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	<b>1T3586</b>
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	<b>1T3587</b>
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	<b>1T3588</b>
Electronic power supply LxHxP	

	Code
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.	<b>1E0993</b>

# MR & MRS SMITH

## Accessories

Control systems	
	
Code <b>1T6581</b>	Code <b>1E3048</b>
DALI/1-10V dimmer 12/24V.	A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.
	
Code <b>1E3049</b>	
IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.	



# FEBO EVO

## GENERAL INFO

Inground or wall fixture with grazing light effect.  
ø160mm – H 150mm

## LED

Multiple sources circuit, mid-power

LED

From 4452lm to 5038lm

2700K – 3000K – 4000K

Ra84

## PRODUCT EFFICACY

Unitil 76m/W

## OPTICS

Grazing

## POWER SUPPLY

Electronic – DALI

Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Extruded aluminium body, die-cast aluminium optical head with black radial blades.

Inground or wall mounted LED fixture with grazing lighting effect with unbroken radial 360° emission that can be controlled using accessories to modulate the light as if it were a second skin.

The light emitted is capable of adhering perfectly to architectural surfaces and to emphasize textures and the consistency of different materials. Its compact design integrates harmoniously with the architecture making it a discrete element even during the daytime.





## Studio Ceri

**Architect**  
Studio Ceri

**Photographer**  
Officine  
Fotografiche

**Country**  
Prato - Italy

01



## Installed on the floor FEBO EVO

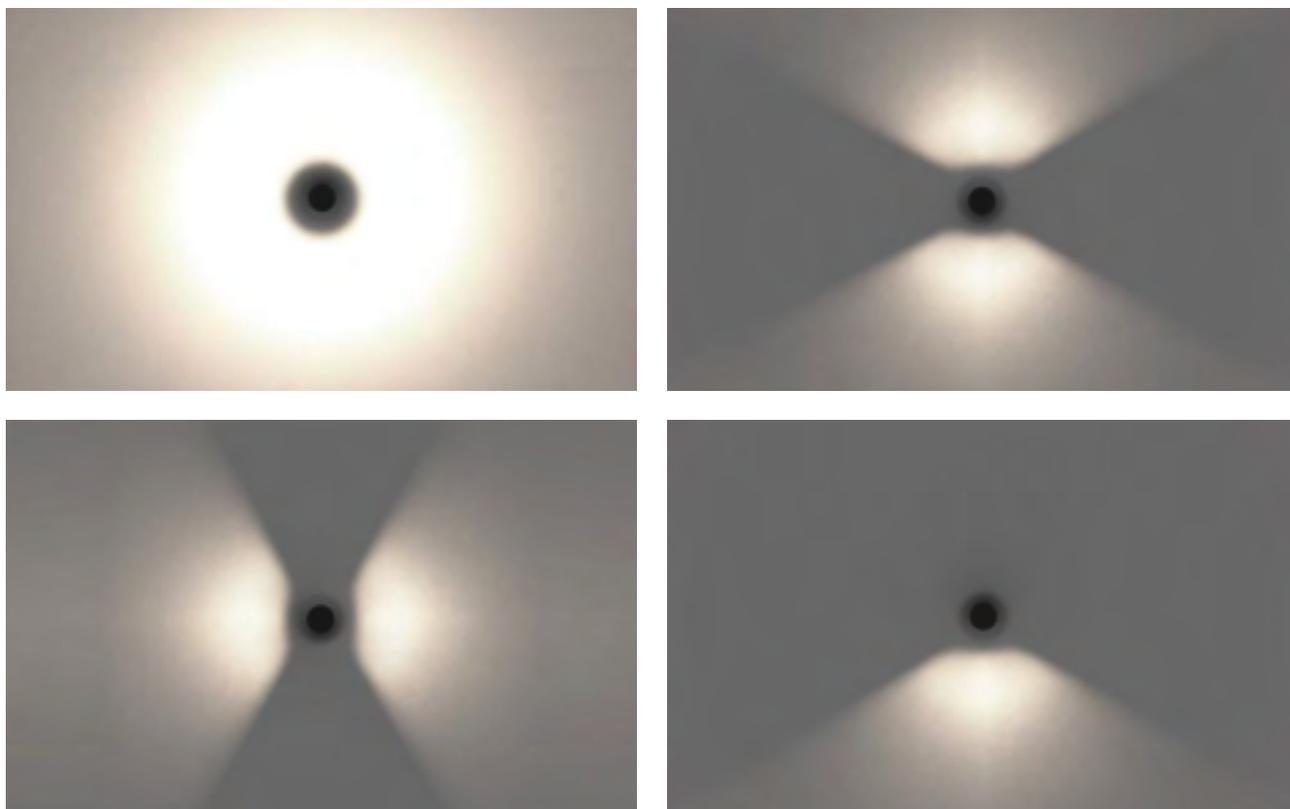
Is a reliable tool with minimal visual impact capable of lighting paths in depth and breadth, or separating different areas using light. It is installed on the ground with a simple support base that is supplied.

02



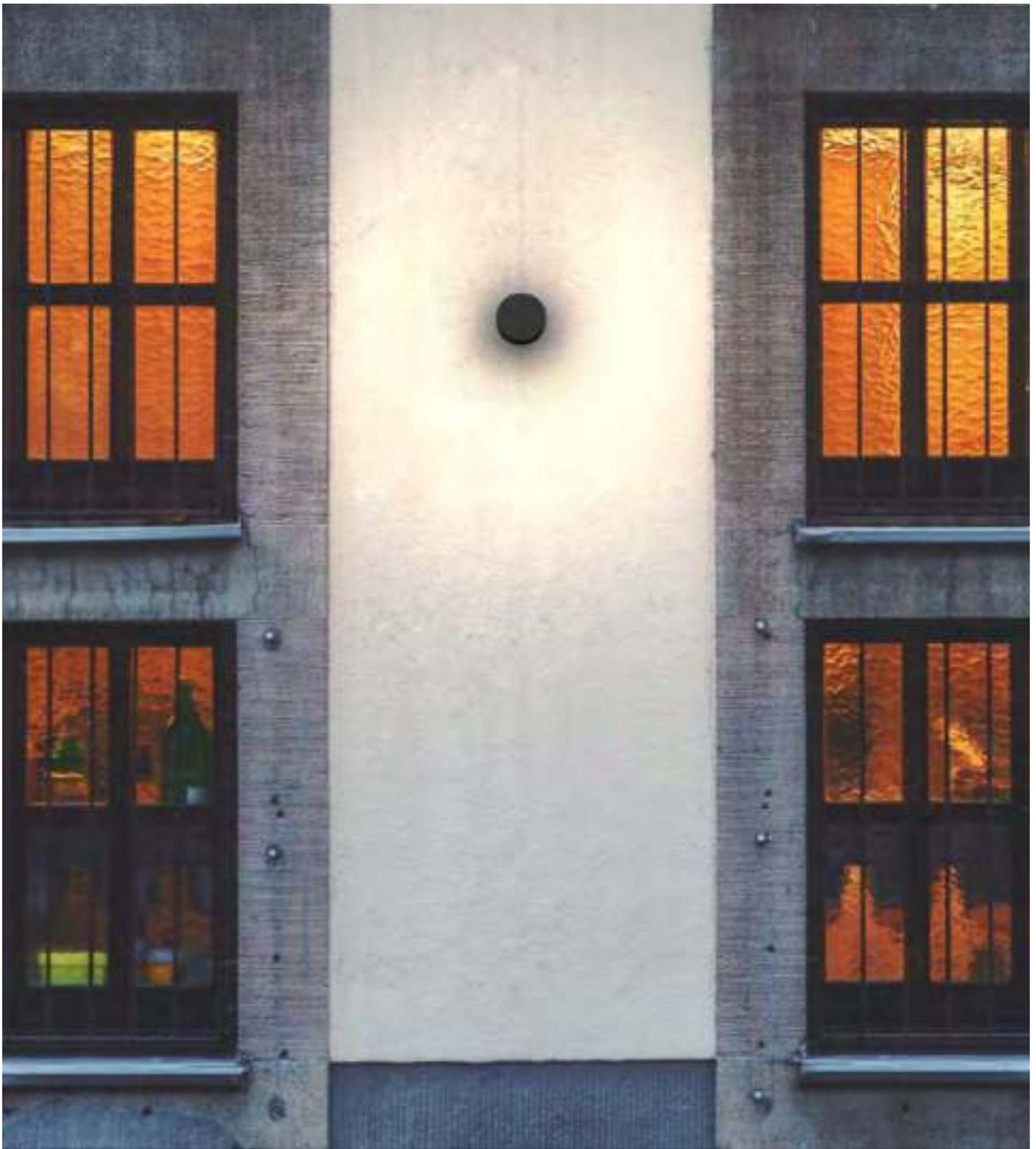
## It is in wall installations that FEBO EVO shows its potential the most

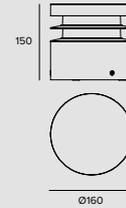
This sophisticated fixture emits a 360° blade of light without any interruptions that is capable of adhering to every surface like a second skin.



## With the use of accessories

The light from FEBO EVO can be shaped according to needs. Simple rubber elements, combined, coordinated or cut can be positioned at any point so that they "design" the light that best suits the project needs..





**LED / 32W / WFL** □ 2.5 IP67 REC

	3000K	Driver	2700K	3000K	4000K
	Kalki	EL.	<b>1E3189EL</b>	<b>1E3190EL</b>	<b>1E3191EL</b>
	Fixture Power 32W	DALI	<b>1E3189DA</b>	<b>1E3190DA</b>	<b>1E3191DA</b>
	Mounting Hole 4/8/16mm				
	Fixture Size 138/160mm				
	Efficiency 72lm/W				
	Max. Ambient Temp. 30°C				

## Accessories

**Shutter**

Code  
**1E3399**

120° shutter kit (with 4 cut zones that allow to shutter even 105°/90°/75°/60° angles).  
Max. no. of kits per product: 2.

**Tool**

Code  
**1E3305**

(Tightening) wrench for the connector kit.

**Control systems**

Code  
**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.

Code  
**1E3049**

IP67 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in outdoor applications.

# STILO

## Wall mounted Ceiling mounted

### GENERAL INFO

Wall-mounted fixture.  
282x80x184mm

### LED

ASY and ELL optic: LED Chip on board  
NSP optic: LED Emitter  
Effect optic: LED Multichip Emitter  
From 600lm to 6536lm  
3000K – 4000K  
Ra80 – Ra84

### PRODUCT EFFICACY

Unitil 112lm/W

### OPTICS

NSP – EFFECT – ASYM – ELLIPTICAL

### POWER SUPPLY

Electronic

### MATERIAL

Anodized and painted extruded aluminium body  
and anodized and powder coated die-cast aluminium  
optical unit and terminal. Tempered glass  
protective screen.

A range of products with the same design but with different installation characteristics: from architectural lighting of building facades and porticos right up to pedestrian walkways. Different needs and effects with a unique family feeling; wall mounted versions, ceiling mounted and bollards that produce a myriad of lighting effects, from purely graphic and defined effects to wider beams that fill large spaces





## Arma

**Architect**  
SKiP Architectural  
Bureau

**Photographer**  
Ilya Melikhov

**Country**  
Moscow - Russian  
Federation

01



## Available in two installation types

FLAT (parallel to the wall) and STRAIGHT (perpendicular to the wall), both available in mono and bi-emission versions.

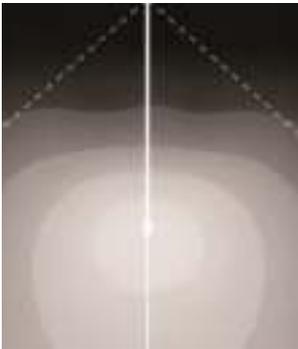
02



## The ceiling mounted version

Are ideal to light porticos, the different optics make it possible to light pedestrian areas or vertical walls.

## Stilo is available with four different optical solutions



### ELLIPTICAL EMISSION

Using it like a grazing lighting is ideal to illuminate the building facades.

The ceiling mounted versions allows to light pedestrian areas in a particularly uniform way,



### ASYMMETRIC EMISSION

Installed for indirect emission to light arches and direct emission for pedestrian areas.

The ceiling mounted version can also be used to light walls.



### SUPERSPOT EMISSION

Has a particularly concentrated and defined effect that is suitable for lighting a facade.



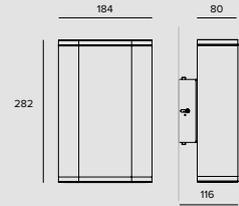
### DEFINED EFFECTS

Real light patterns on the wall from a blade light beam as thin as a pin, to wider, yet defined effects with beam angles of 30° and 90°.

# STILO



## Wall Flat



### LED / 1x9W / NSP / MONO-EMISSION □ 2.5 IP66 IK09

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2547</b>	
EL.	●	<b>1E2556</b>	<b>1E2881</b>

### LED / 1x11W / EFFECT / MONO-EMISSION □ 2.5 IP66 IK09

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2882</b>	<b>1E2883</b>

### LED / 2x9W / NSP-NSP / BI-EMISSION □ 3 IP66 IK09

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2551</b>	
EL.	●	<b>1E2560</b>	<b>1E2887</b>

### LED / 2x11W / EFFECT-EFFECT / BI-EMISSION □ 3 IP66 IK09

Beam	3000K		4000K	
	Beam	Beam	Beam	Beam
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°
180°	120°	120°	120°	120°

Driver	Colour	3000K	4000K
EL.	●	<b>1E2888</b>	<b>1E2889</b>

## Note

EFFECT Version: the fixture comes equipped with a 90° beam aperture. The beam can be shaped using shutter accessories.

**LED / 1x21W / ASYM / MONO-EMISSION** □ 2.5 IP66 IK09



Driver	Colour	3000K	4000K
EL.	●	<b>1E2543</b>	
EL.	●	<b>1E2552</b>	<b>1E2877</b>

**LED / 1x21W / ELLIPTICAL / MONO-EMISSION** □ 2.5 IP66 IK09



Driver	Colour	3000K	4000K
EL.	●	<b>1E2545</b>	
EL.	●	<b>1E2554</b>	<b>1E2879</b>

**LED / 1x33W / ASYM / MONO-EMISSION** □ 2.5 IP66 IK09



Driver	Colour	3000K	4000K
EL.	●	<b>1E2544</b>	
EL.	●	<b>1E2553</b>	<b>1E2878</b>

**LED / 1x33W / ELLIPTICAL / MONO-EMISSION** □ 2.5 IP66 IK09



Driver	Colour	3000K	4000K
EL.	●	<b>1E2546</b>	
EL.	●	<b>1E2555</b>	<b>1E2880</b>

**Note**  
EFFECT Version: the fixture comes equipped with a 90° beam aperture. The beam can be shaped using shutter accessories.

# STILO

## LED / 2x21W / ASYM-ASYM / BI-EMISSION □ 3 IP66 IK09



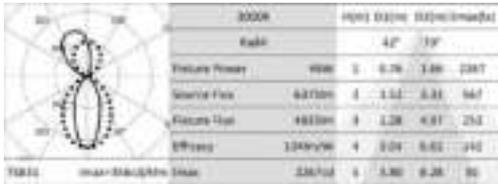
Driver	Colour	3000K	4000K
EL.	<span style="color: red;">●</span>	<b>1E2548</b>	
EL.	<span style="color: grey;">●</span>	<b>1E2557</b>	<b>1E2884</b>

## LED / 2x21W / ELLIPTICAL-ELLIPTICAL / BI-EMISSION □ 3 IP66 IK09



Driver	Colour	3000K	4000K
EL.	<span style="color: red;">●</span>	<b>1E2549</b>	
EL.	<span style="color: grey;">●</span>	<b>1E2558</b>	<b>1E2885</b>

## LED / 2x21W / ELLIPTICAL-ASYM / BI-EMISSION □ 3 IP66 IK09



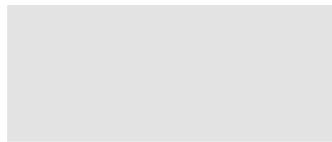
Driver	Colour	3000K	4000K
EL.	<span style="color: red;">●</span>	<b>1E2550</b>	
EL.	<span style="color: grey;">●</span>	<b>1E2559</b>	<b>1E2886</b>

### Note

EFFECT Version: the fixture comes equipped with a 90° beam aperture. The beam can be shaped using shutter accessories.

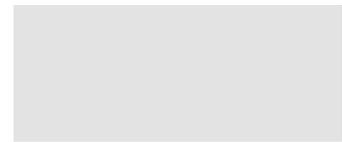
## Accessories

### Filter



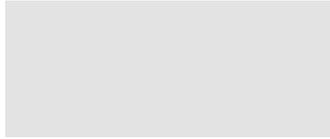
Filter	Code
Red	<b>1E3035</b>
Green	<b>1E3036</b>
Blue	<b>1E3037</b>
Yellow	<b>1E3038</b>
Magenta	<b>1E3039</b>

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).



Colour	Code
<span style="color: red;">●</span>	<b>1E2575</b>
<span style="color: grey;">●</span>	<b>1E2576</b>

Blade of light filter.  
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.  
NSP



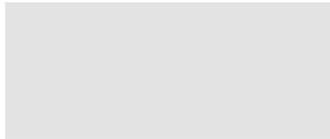
Colour	Code
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	<b>1E2577</b>
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	<b>1E2578</b>
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Anti-glare.  
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.  
NSP, ASYM, ELLIPTICAL

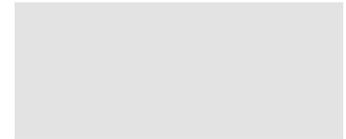
### Shaper



Code
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<b>1E2901</b>
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30° shutter.  
Powder coated stainless steel plate (ferrite).

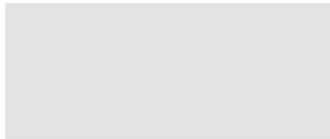


Code
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<b>1E2902</b>
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Blade effect shutter.  
PMMA plano convex cylindrical lens and powder coated stainless steel plate (ferrite).

### Screen



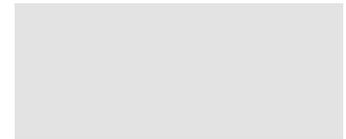
Colour	Code
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	<b>1E2579</b>
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	<b>1E2580</b>
---	---------------

Asymmetric screen.  
Powder coated stainless steel.  
NSP

### Mounting System



Code
------

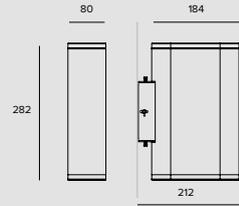
<b>1E2906</b>
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Pole bracket.  
Powder coated stainless steel.

# STILO



## Wall Straight



### LED / 1x9W / NSP / MONO-EMISSION



Beam	3000K	HM (lx)		Diameter (mm)	Area (m²)
		42°	19°		
Beam	3000K	1200	3	0.16	1600
Beam	3000K	4000	4	0.32	3200
Beam	3000K	1600	4	0.64	6400
Beam	3000K	4000	4	0.64	6400
Beam	3000K	16000	4	0.64	6400

Driver	Colour	3000K	4000K
EL.	●	<b>1E2894</b>	<b>1E2895</b>

### LED / 1x21W / ELLIPTICAL / MONO-EMISSION



Beam	3000K	HM (lx)		Diameter (mm)	Area (m²)
		42°	19°		
Beam	3000K	1200	3	0.26	2600
Beam	3000K	4000	4	0.52	5200
Beam	3000K	1600	4	0.81	8100
Beam	3000K	4000	4	0.81	8100
Beam	3000K	16000	4	0.81	8100

Driver	Colour	3000K	4000K
EL.	●	<b>1E2890</b>	<b>1E2891</b>

### LED / 1x33W / ELLIPTICAL / MONO-EMISSION



Beam	3000K	HM (lx)		Diameter (mm)	Area (m²)
		42°	19°		
Beam	3000K	1600	3	0.26	2600
Beam	3000K	4000	4	0.52	5200
Beam	3000K	1600	4	0.81	8100
Beam	3000K	4000	4	0.81	8100
Beam	3000K	16000	4	0.81	8100

Driver	Colour	3000K	4000K
EL.	●	<b>1E2892</b>	<b>1E2893</b>

### LED / 2x9W / NSP-NSP / BI-EMISSION



Beam	3000K	HM (lx)		Diameter (mm)	Area (m²)
		42°	19°		
Beam	3000K	2000	3	0.16	1600
Beam	3000K	6000	4	0.32	3200
Beam	3000K	2400	4	0.64	6400
Beam	3000K	6000	4	0.64	6400
Beam	3000K	24000	4	0.64	6400

Driver	Colour	3000K	4000K
EL.	●	<b>1E2898</b>	<b>1E2899</b>

### LED / 2x21W / ELLIPTICAL-ELLIPTICAL / BI-EMISSION

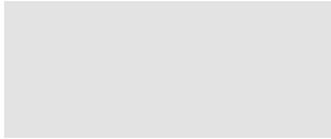


Beam	3000K	HM (lx)		Diameter (mm)	Area (m²)
		42°	19°		
Beam	3000K	1600	3	0.26	2600
Beam	3000K	4000	4	0.52	5200
Beam	3000K	1600	4	0.81	8100
Beam	3000K	4000	4	0.81	8100
Beam	3000K	16000	4	0.81	8100

Driver	Colour	3000K	4000K
EL.	●	<b>1E2896</b>	<b>1E2897</b>

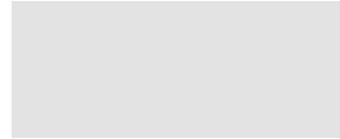
# Accessories

## Filter



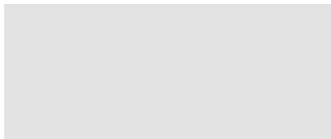
Filter	Code
Red	<b>1E3035</b>
Green	<b>1E3036</b>
Blue	<b>1E3037</b>
Yellow	<b>1E3038</b>
Magenta	<b>1E3039</b>

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).



Colour	Code
	<b>1E2576</b>

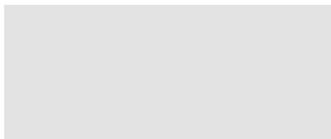
Blade of light filter.  
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.  
NSP



Colour	Code
	<b>1E2578</b>

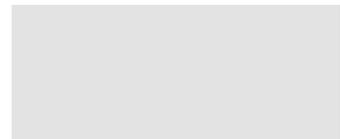
Anti-glare.  
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.  
NSP, ASYM, ELLIPTICAL

## Mounting System



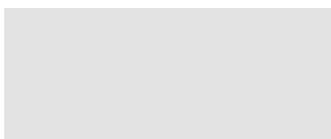
Code
<b>1E2906</b>

Pole bracket.  
Powder coated stainless steel.



Code
<b>1E2907</b>

Bracket for corner installation.  
Powder coated stainless steel.



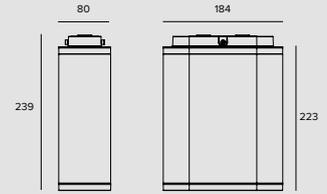
Code
<b>1E2900</b>

Bracket for edge installation.  
Powder coated stainless steel.

# STILO



## Ceiling



### LED / 9W / NSP □ 2.5 IP66 IK09

3000K Ra80	HM		D1(m)		D2(m)		D3(m)	
	42°	49°						
Fixture Power	7.7W	5	0.34	1.00	1.00			
Mounting Hole	60mm	4	0.32	0.94				
Fixture Size	64mm	4	0.36	1.08				
EffPower	97lm/W	4	0.63	2.13				
1E2875	1E2876	1E2877	5	0.30	0.90			

Driver	Colour	3000K	4000K
EL.	●	<b>1E2875</b>	<b>1E2876</b>

### LED / 21W / ASYM □ 2.5 IP66 IK09

3000K Ra80	HM		D1(m)		D2(m)		D3(m)	
	42°	49°						
Fixture Power	22W	5	0.31	1.00	1.00			
Mounting Hole	110mm	4	0.21	0.66				
Fixture Size	120mm	4	0.23	0.74				
EffPower	120lm/W	4	0.21	0.71				
1E2877	1E2878	1E2879	5	0.33	0.99			

Driver	Colour	3000K	4000K
EL.	●	<b>1E2871</b>	<b>1E2872</b>

### LED / 21W / ELLIPTICAL □ 2.5 IP66 IK09

3000K Ra80	HM		D1(m)		D2(m)		D3(m)	
	42°	49°						
Fixture Power	22W	5	0.26	1.00	1.00			
Mounting Hole	110mm	4	0.22	0.66				
Fixture Size	120mm	4	0.23	0.74				
EffPower	120lm/W	4	0.24	0.62				
1E2867	1E2868	1E2869	5	0.30	0.90			

Driver	Colour	3000K	4000K
EL.	●	<b>1E2867</b>	<b>1E2868</b>

### LED / 33W / ASYM □ 2.5 IP66 IK09

3000K Ra80	HM		D1(m)		D2(m)		D3(m)	
	42°	49°						
Fixture Power	30W	5	0.31	1.00	1.00			
Mounting Hole	110mm	4	0.21	0.66				
Fixture Size	120mm	4	0.23	0.74				
EffPower	89lm/W	4	0.21	0.71				
1E2873	1E2874	1E2875	5	0.33	0.99			

Driver	Colour	3000K	4000K
EL.	●	<b>1E2873</b>	<b>1E2874</b>

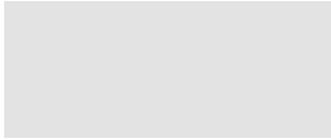
### LED / 33W / ELLIPTICAL □ 2.5 IP66 IK09

3000K Ra80	HM		D1(m)		D2(m)		D3(m)	
	42°	49°						
Fixture Power	30W	5	0.26	1.00	1.00			
Mounting Hole	110mm	4	0.22	0.66				
Fixture Size	120mm	4	0.23	0.74				
EffPower	87lm/W	4	0.24	0.62				
1E2869	1E2870	1E2871	5	0.30	0.90			

Driver	Colour	3000K	4000K
EL.	●	<b>1E2869</b>	<b>1E2870</b>

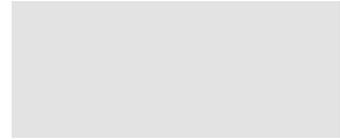
# Accessories

## Filter



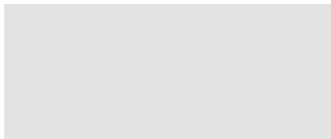
Filter	Code
Red	<b>1E3035</b>
Green	<b>1E3036</b>
Blue	<b>1E3037</b>
Yellow	<b>1E3038</b>
Magenta	<b>1E3039</b>

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).



Colour	Code
	<b>1E2576</b>

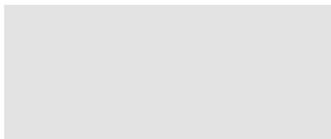
Blade of light filter.  
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.  
NSP



Colour	Code
	<b>1E2578</b>

Anti-glare.  
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.  
NSP, ASYM, ELLIPTICAL

## Screen



Colour	Code
	<b>1E2580</b>

Asymmetric screen.  
Powder coated stainless steel.  
NSP

# HOCKEY

## GENERAL INFO

Applique, ceiling mounted  
ø179mm

## LED

LED board.  
From 1533lm to 1632lm  
3000K – 4000K  
Ra84

## PRODUCT EFFICACY

Unitil 109lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic

## MATERIAL

Die-cast ferrite colour anodised aluminium body.  
LED plate with micro-prismatic diffuser in transparent  
PMMA.

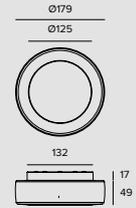
A compact fixture with a simple design with two different installation types- ceiling and wall mounted for direct light- that makes this a flexible tool in the hands of lighting designers.

In the wall mounted version the cast aluminium bracket echoes the fixture's rounded shape becoming part of its design.

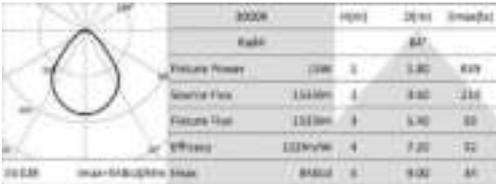




## Ceiling



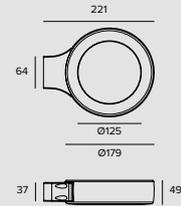
LED / 13W / VWFL



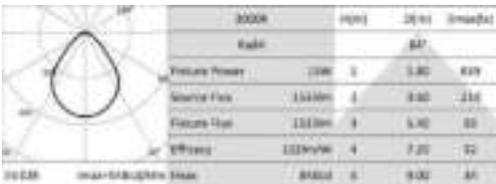
Driver	Colour	3000K	4000K
EL.	●	<b>1E2911</b>	<b>1E2912</b>



## Wall



LED / 13W / VWFL



Driver	Colour	3000K	4000K
EL.	●	<b>1E2909</b>	<b>1E2910</b>

Outdoor

**Bollards**

# Bollards



762  
MR. BO



768  
CHIODINO



772  
STILO



776  
ZEDGE Bollard

# Mr.BO

## GENERAL INFO

Radial-emission bollard.  
ø160mm  
H 400mm – 800mm – 1000mm

## LED

Chip on board  
From 1427lm to 3817lm  
2700K – 3000K – 4000K  
Ra84  
Ra90 upon request

## PRODUCT EFFICACY

Unitil 51lm/W

## OPTICS

90° - 90° + 90° - 180° - 360°

## POWER SUPPLY

Electronic – DALI  
Casambi control: the DALI version is fitted with special accessories.

## MATERIAL

Powdered coated anodised die-cast aluminium body.  
Die-cast aluminium optical head. Ferrite finish.

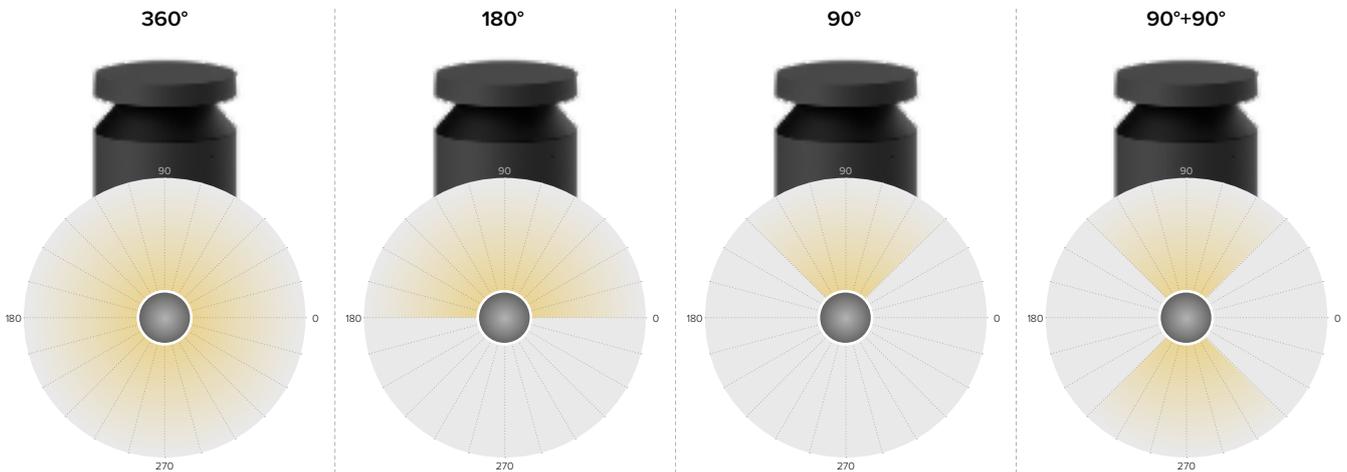
LED bollard specifically designed to light large open spaces.

Its mechanical characteristics (IK10) and performance make it possible to use in every space.

The highly controlled radial emission avoids any risk of glare while still ensuring deep lighting in pedestrian areas.

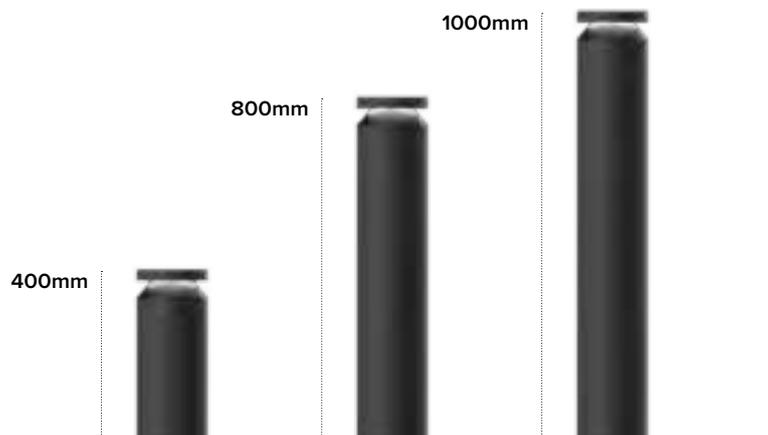
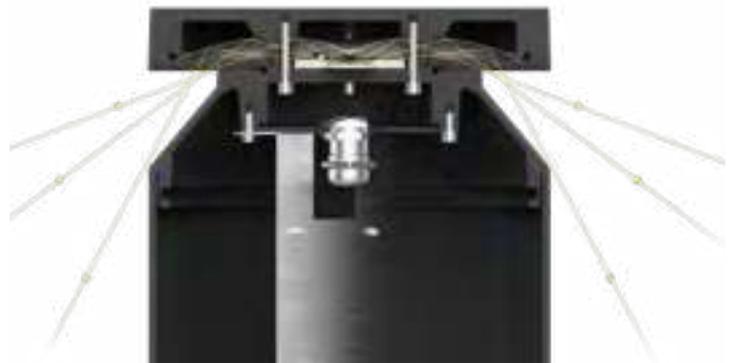






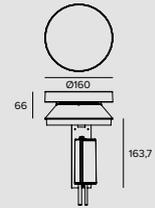
## The fixture is made of three different elements

that combined together produce numerous combinations. Four different light heads for four radial emissions from 90° a 360° combine with stakes in three different heights of 334mm, 734mm and 934mm and with the mounting systems.





## Optic head for bollard H. 334mm



### LED / 8W / 90° □ 1.4 IP66 IK10



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3428EL</b>	<b>1E3429EL</b>	<b>1E3430EL</b>
DALI	●	<b>1E3428DA</b>	<b>1E3429DA</b>	<b>1E3430DA</b>

### LED / 12W / 90°+90° □ 1.4 IP66 IK10



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3431EL</b>	<b>1E3432EL</b>	<b>1E3433EL</b>
DALI	●	<b>1E3431DA</b>	<b>1E3432DA</b>	<b>1E3433DA</b>

### LED / 12W / 180° □ 1.4 IP66 IK10



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3425EL</b>	<b>1E3426EL</b>	<b>1E3427EL</b>
DALI	●	<b>1E3425DA</b>	<b>1E3426DA</b>	<b>1E3427DA</b>

### LED / 17W / 360° □ 1.4 IP66 IK10

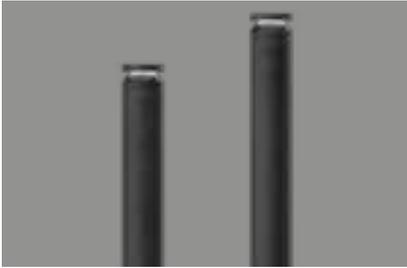


Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3422EL</b>	<b>1E3423EL</b>	<b>1E3424EL</b>
DALI	●	<b>1E3422DA</b>	<b>1E3423DA</b>	<b>1E3424DA</b>

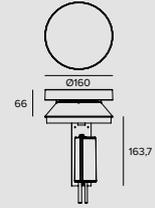
### Note

Available with three different height poles - 400, 800 and 1000mm - to be combined with the relative head available in four different versions - 60°, 180°, 90° and 90°+90° (the same code for the 800 and 1000mm, specific code for the 400mm). To be completed with a stainless steel anchoring system, available for the double version with a plate for installation with dowels or with fixing rods for installation in concrete.

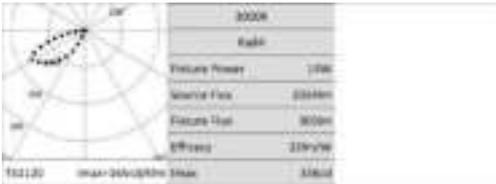
# MR.BO



## Optic head for bollard H. 734/934mm

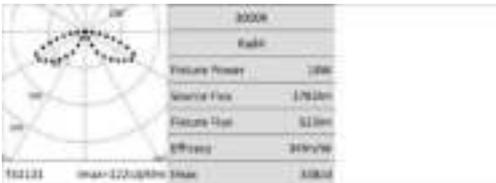


### LED / 12W / 90°



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3416EL</b>	<b>1E3417EL</b>	<b>1E3418EL</b>
DALI	●	<b>1E3416DA</b>	<b>1E3417DA</b>	<b>1E3418DA</b>

### LED / 17W / 90°+90°



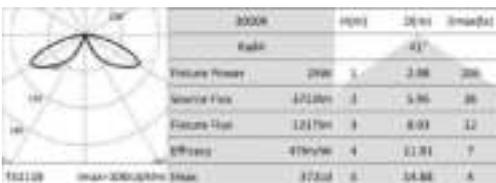
Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3419EL</b>	<b>1E3420EL</b>	<b>1E3421EL</b>
DALI	●	<b>1E3419DA</b>	<b>1E3420DA</b>	<b>1E3421DA</b>

### LED / 17W / 180°



Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3413EL</b>	<b>1E3414EL</b>	<b>1E3415EL</b>
DALI	●	<b>1E3413DA</b>	<b>1E3414DA</b>	<b>1E3415DA</b>

### LED / 24W / 360°



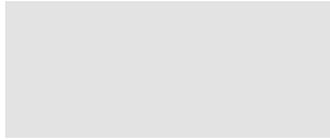
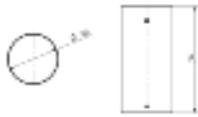
Driver	Colour	2700K	3000K	4000K
EL.	●	<b>1E3410EL</b>	<b>1E3411EL</b>	<b>1E3412EL</b>
DALI	●	<b>1E3410DA</b>	<b>1E3411DA</b>	<b>1E3412DA</b>

## Note

Available with three different height poles - 400, 800 and 1000mm - to be combined with the relative head available in four different versions - 60°, 180°, 90° and 90°+90° (the same code for the 800 and 1000mm, specific code for the 400mm). To be completed with a stainless steel anchoring system, available for the double version with a plate for installation with dowels or with fixing rods for installation in concrete.

## Related codes

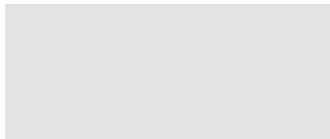
### Bollard



Kg	H	Colour	Code
1.34	334	●	<b>1E3434</b>
2.95	734	●	<b>1E3435</b>
3.8	934	●	<b>1E3436</b>

Powder coated anodised aluminium pole.

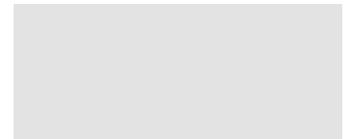
### Mounting System



Code

**1E3448**

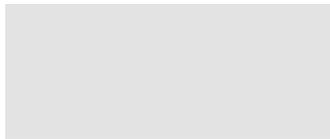
Plate with fixing rods for installation in concrete.  
AISI 316 stainless steel.  
0.335Kg.



Code

**1E3449**

Plate for surface installation.  
AISI 316 stainless steel compatible with dowels to be inserted into holes with 8.5mm diameter.  
0.68Kg.



Code

**1E3510**

Plate for surface installation.  
AISI 316 stainless steel compatible with dowels to be inserted into 4 holes with 22mm diameter.  
1.104Kg.

## Accessories

### Control systems



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

# CHIODINO

## GENERAL INFO

Radial-emission bollard.

Ø196mm

H 890mm

## LED

Chip on board

From 2551lm to 2615lm

3000K – 4000K

Ra84

## PRODUCT EFFICACY

Unutil 70lm/W

## OPTICS

Radial

## POWER SUPPLY

Electronic

## MATERIAL

Tapered, anodized aluminium body and die-cast anodized head, both powder painted with a ferrite finish. Ultra flat transparent polycarbonate protective screen.

High performance bollard with sophisticated LED technology and an original design, ideal for public use thanks to its resistant sturdy construction, it is also a popular private option given its appealing design.

Already complete with stainless steel fixing rod.

Plate for surface installation available as an accessory.



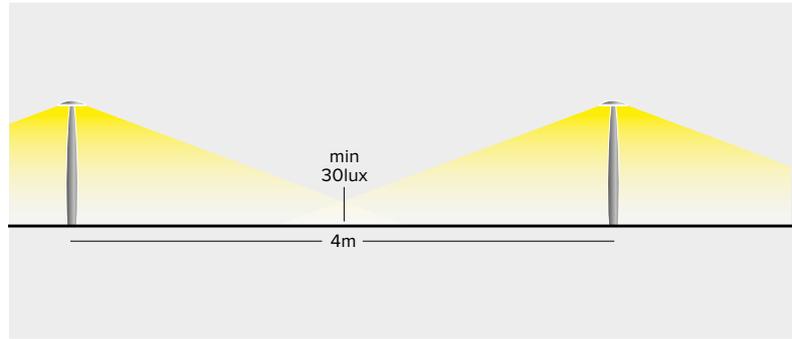
01



Thanks to its special, perfectly flat emission screen

CHIODINO takes above horizon emissions to 0cd/klm in compliance with all national and international light pollution laws. This makes it the ideal bollard for public-urban contexts where antipollution regulations are particularly strict.

02



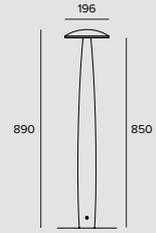
0 cd/klm



With an interval of three metres

between one fixtures and the next, the light never drops below 70lux to assure a perfectly uniform effect. With an interval of four metres between one fixtures and the next, the light never drops below 30lux.

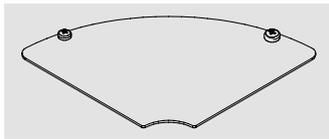
# CHIODINO



LED / 17W								
	3000K	4000K	5000K	6000K	Driver	Colour	3000K	4000K
	Kali				EL.		<b>1E2967</b>	<b>1E2968</b>
	Fixture Power	17W	1	2.70	232			
	Mounting Hole	102.2mm	1	5.40	52			
	Fixture Size	130.0mm	1	6.11	52			
	Efficiency	88lm/W	4	10.81	52			
	Beam Spread	30°/60°	4	52.81	3			

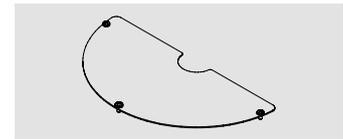
## Accessories

### Shutter



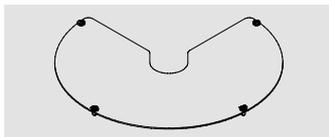
Code  
**1E2970**

Shutter 90°. Emission 2x90° or 270°



Code  
**1E2971**

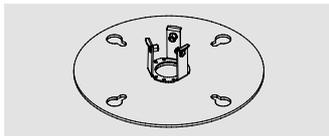
Shutter 180°. Emission 180°



Code  
**1E2972**

Shutter 270°. Emission 90°

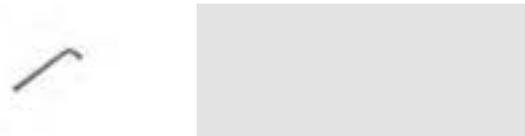
### Mounting System



Code  
**1E2969**

Plate for surface installation. Powder coated ferrite finish 316L grade stainless steel. Compatible with 10mm up to 23mm fixing rods.

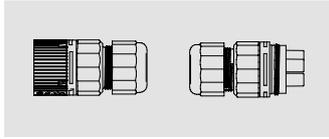
### Tool



Code  
**1E2495**

Features TORX HEAD, TX 30.

## Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.



Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

# STILO

## Bollard

### GENERAL INFO

Direct or asymmetric emission bollard.  
Raised Version H. 864mm  
Path Version H. 800/1100mm

### LED

Chip on board  
From 1960lm to 4351lm  
3000K – 4000K  
Ra80 – Ra84

### PRODUCT EFFICACY

Until 90lm/W

### OPTICS

ASYM – FLOOR WASHER – WALL WASHER

### POWER SUPPLY

Electronic

### MATERIAL

Powder coated in ferrite finish anodized extruded aluminium body and die-cast aluminium optical unit. Transparent methacrylate protective screen or extra clear tempered safety glass.

A range of products with the same design but with different installation characteristics: from architectural lighting of building facades and porticos right up to pedestrian walkways. Different needs and effects with a unique family feeling; wall mounted versions, ceiling mounted and bollards that produce a myriad of lighting effects, from purely graphic and defined to wider beams that fill large spaces.

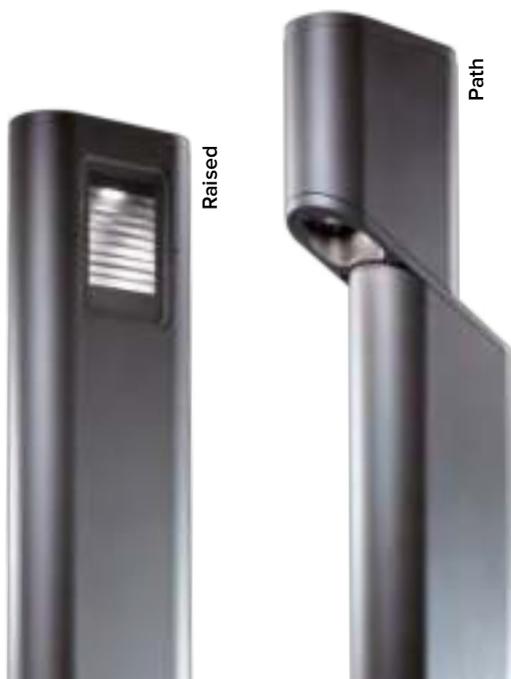
The Bollard version comes in two different types, Path and Raised.





Cantine Briziarelli

**Photographer:**  
Antonino Ciddio



## The bollard versions are available in two different types

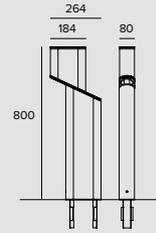
The PATH version is ideal for lighting paths with its particular “size” that hides the optical system, shielding the source to obtain a well, distributed effect on pedestrian paths without the risk of glare.

The RAISED version is designed for architectural lighting and is available with different optical systems. A Floor Washer optic makes it possible to light horizontal surfaces in great depth to cover wide surfaces up to 6 metres; it is ideal to light parks, gardens and forecourts. There is also a Wall Washer optic that is ideal for lighting vertical surfaces in an extraordinary uniform way, such as facades, perimeter walls and vertical gardens.

# STILO



## Bollard Path H. 800mm



LED / 12W / ASYM

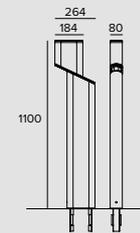


Beam	3000K		4000K			
	8°	30°	8°	30°		
Fixture Power	12W	5	2.20	3.27	7.91	
Mounting Hole	180mm	5	4.20	2.30	388	
Fixture Size	118mm	4	6.20	3.30	81	
Efficiency	82lm/W	4	8.40	4.88	47	
TSB12	1000-0000000000000000	77002	5	10102	5.83	30

Driver	Colour	3000K	4000K
EL.	●	<b>1E2863</b>	<b>1E2864</b>



## Bollard Path H. 1100mm



LED / 21W / ASYM

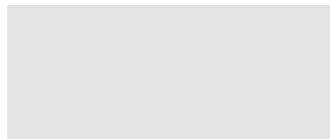


Beam	3000K		4000K			
	8°	30°	8°	30°		
Fixture Power	21W	5	2.20	3.27	1.120	
Mounting Hole	180mm	5	4.20	2.30	388	
Fixture Size	180mm	4	6.20	3.30	210	
Efficiency	78lm/W	4	8.40	4.88	72	
TSB12	1000-0000000000000000	520002	5	10102	5.83	30

Driver	Colour	3000K	4000K
EL.	●	<b>1E2861</b>	<b>1E2862</b>

## Accessories

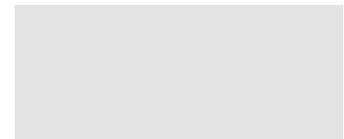
### Mounting System



Colour  Code **1E2564**

Plate for surface installation.

### Tool

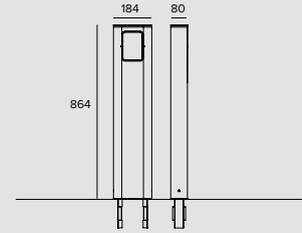


Code **1E3185**

T20 Torx insert.



## Bollard Raised



**LED / 21W / FLOOR WASHER** □ 7 IP66 IP67 IK09

	3000K	Driver	Colour	3000K	4000K
	8x80	EL.	●	<b>1E2539</b>	
	Fixture Power 21W	EL.	●	<b>1E2540</b>	<b>1E2865</b>
	Mounting Hole 184mm				
	Fixture Size 182mm				
	Efficiency 81lm/W				
	1E2538 1E2539 1E2540 1E2541				

**LED / 33W / WALL WASHER** □ 7 IP66 IP67 IK09

	3000K	Driver	Colour	3000K	4000K
	8x80	EL.	●	<b>1E2541</b>	
	Fixture Power 33W	EL.	●	<b>1E2542</b>	<b>1E2866</b>
	Mounting Hole 424mm				
	Fixture Size 422mm				
	Efficiency 81lm/W				
	1E2541 1E2542 1E2866				

## Accessories

**Filter**

Filter	Code
Red	<b>1E3040</b>
Green	<b>1E3041</b>
Blue	<b>1E3042</b>
Yellow	<b>1E3043</b>
Magenta	<b>1E3044</b>

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).

**Mounting System**

Colour	Code
●	<b>1E2564</b>
●	<b>1E2563</b>

Plate for surface installation.

**Tool**

Code
<b>1E3185</b>

T20 Torx insert.

# ZEDGE

## Bollard

### GENERAL INFO

Pathlight bollard  
64x64mm H.400mm

### LED

Linear boards  
From 570lm to 598lm  
3000K – 4000K  
Ra84

### PRODUCT EFFICACY

Until 9lm/W

### OPTICS

Floor washer

### POWER SUPPLY

24Vdc

### MATERIAL

The body of the fixture are made of powder coated die-cast anodised aluminium.

The Zedge range designed in collaboration with the firm Gensler to light passage ways.

Compact bollard step marker suitable for illuminating small path areas.

The floor washer optic allows to deeply illuminate with the maximum visual comfort.

Thanks to special accessories, the PRO version is available in a bollard model as well, for a high-performance solution, able to be suitable for your different needs.

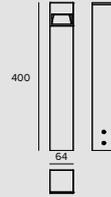




Bollard



## BOLLARD



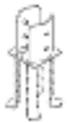
**LED / 4W**

Beam angle	3000K		4000K	
	30°	60°	30°	60°
Fixture Power	7W	3.52	3.52	3.52
Mounting Plate	400mm	3	6.25	6.25
Fixing Rods	400mm	4	3.21	6.21
Efficiency	170lm/W	4	10.50	8.40
IP Rating	IP66	6	18.52	18.52

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc		<b>1E3736</b>	<b>1E3737</b>	<b>1E3738</b>	<b>1E3739</b>

## Related codes

### Mounting System



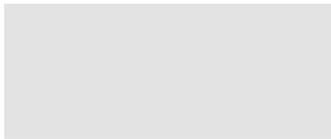
Code  
**1E3740**

Plate with fixing rods for installation in concrete.



Code  
**1E3741**

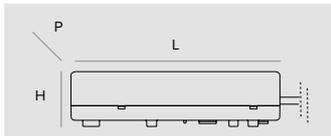
Plate for surface installation.



Code  
**1E3450**

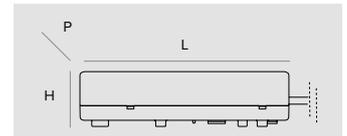
Fixing rods for installation in concrete.  
AISI 316 stainless steel.  
For Bollard installation.

### Power Supply



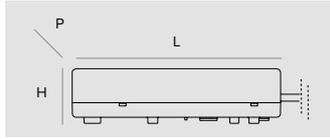
Code  
**1E3179**

Electronic power supply 10W, LxHxP=79x24.5x38mm, 220/240V-AC, 24V-DC, IP67.



Code  
**1T3586**

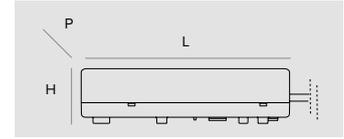
Electronic power supply 75W, LxHxP=130x32x80mm, 220-240V, 24V-DC, IP67.



Code

**1T3587**

Electronic power supply 100W, LxHxP=230x87x43mm, 220-240V, 24V-DC, IP67.



Code

**1T3588**

Electronic power supply 200W, LxHxP=238x42x67mm, 220-240V, 24V-DC, IP67.



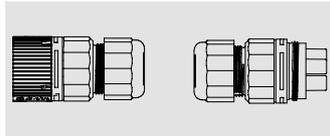
Code

**1E0993**

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.  
For Led.Y Multiled: up to 16 LED.Y connected in parallel.

## Accessories

### Connector



Code

**1E2769**

Connectors kit for 5 pole coaxial connections.  
Remote mounting for the following products: Jupiter, Jupiter Mini, Saturn, Saturn Mini, and Led.Y.

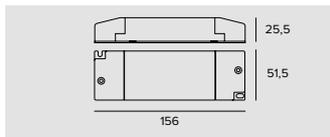


Code

**1E2494**

Non DALI looping connector.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 8 to 12mm.  
IP68

### Control systems



Code

**1T6581**

DALI/1-10V dimmer 12/24V.



Code

**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers.  
The module needs to be positioned in order to receive radio signals.  
The distance to the lighting fixtures can reach up to 50m.



Code

**1E3049**

IP67 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in outdoor applications.

**Control system**



**476**  
**CONTROL**  
**SYSTEM**



**488**  
**PROGRAMMING**  
**SYSTEM**



**488**  
**LMS**

# CONTROL SYSTEMS

## DYNAMIC LIGHT SOLUTIONS

### FOR ARCHITECTURAL APPLICATIONS

LED with the best colour rendering and efficiency available on the market are the sources used for fixtures. By using these fixtures installation providing high emotional value can be created and, at the same time, the operative cost savings and eco-sustainability made available by LEDs are exploited.

To change the light colour a colour mixing system is used, this technique exploits the advantageous properties of LED lamps to generate enhanced colour saturation.

Targetti dynamic light fixtures are made using different kinds of technology:

- RGB: for typical dynamic coloured light applications;
- RGBW: with which it is possible to also have high quality white light;
- Tunable White: that produces a high quality white light with colour temperatures from 2700K to 5700K.

### FIXTURE POWER SUPPLY

LED RGB and RGBW fixtures need special power supplies with PWM (Pulse Width Modulation) technology that makes it possible to regulate the light intensity separately of primary colours.

In larger RGB and RGBW products the electronic power supply is always combined with the one used for dynamic control (DMX); in this case the fixtures are self-sufficient and defined as "smart"; smaller fixtures on the other hand require an external device called a SECS BOX that can power and control several fixtures at the same time.

RGB fixtures and drivers are compatible with the DMX control protocol and are fitted with a dip-switch for address programming and operating modes. RGBW fixtures are compatible with the

DMX – RDM protocol that allows for remote programming via the data line.

### AUTOMATIC OPERATION

To programme colour-changing light scenarios an external device is usually needed.

Thanks to the "Easy-Run-Menu" function the so called "intelligent" RGB fixtures and the SECS drivers can operate automatically performing dynamic colour sequences without any external controller. Through internal dip-switches it is possible to select among 16 different chromatic sequences:

- 8 static colour scenarios
- 8 dynamic colour sequences
- 5 different playback speed values (30sec, 80sec, 160sec, 320sec, 740sec).

### MASTER/SLAVE" - CONFIGURATION

RGB Fixtures can be configured in a master/slave configuration where a virtually unlimited number of fixtures is controlled by a main one. In case of "non intelligent" fixture the master/slave configuration is achieved through a SECS BOX.

### EXTERNAL CONTROL THROUGH DMX 512 - PROTOCOL

For control and programming RGBW uses the standard DMX512 protocol, the most popular and well-tested protocol for intelligent lighting control. This feature provides a total compatibility with similar devices available on the market and a great variety of accessories at a reasonable cost.

### DYNAMIC LIGHTING CONTROL

RGB and RGBW lines include digital devices for dynamic lighting control through DMX protocol. These devices are characterized by very intuitive user interfaces and by a very simple software.

My Scenario is suitable for the most different architectural applications, from the most simple to the most complex one.

# SECS 75/36



## Power supply and Control System SECS Scene Effect Control System

SECS 75 and SECS 36 drivers combine, in a single unit, the following 3 functions: power supply of RGB LED devices, playback of pre-set colour sequences and DMX interface for external control devices. The SECS "Easy-Run-Menu" function allows to playback of colour-changing light scenarios that are pre-stored into the driver, without the use of any external driver:

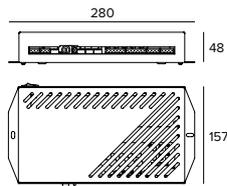
- 8 static colour scenarios;
- 8 dynamic colour sequences;
- 5 different playback speed values;
- Start/Stop of the selected scenario through a remote switch.

SECS 75 and SECS 36 drivers can also be controlled through DMX 512; in this case:

- DMX address (from 1 to 511) can be configured by using dip-switches;
- 3 channels mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only;
- 6 channels mode: the outputs are divided in 2 R-G-B groups, each one controlled by 3 different DMX channels;
- DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch;
- a DMX output is available for connection to other DMX devices.

# SECS 75/36

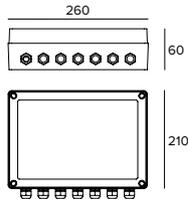
## SECS 75



75W output

**1T1827**

## SECS 75



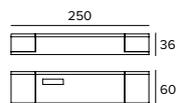
75W output

**1E1401**

### TECHNICAL FEATURES

- Power supply: 100-240 VAC, 50-60 Hz with automatic adjustment and short circuit protection
- Max. output power: 75W
- Output voltage: maximum 24 VDC
- Driving current can be selected using dip-switches: 350 mA (for 1W leds) or 700 mA (for 3W leds)
- Controllable led devices: RGB led with common anode (+24 VDC, 4 wires) and power RGB led (1-3W, 6 wires)
- Led control mode: Pulse Width Modulation (PWM)
- Number of devices controlled: proportional to the wattage absorbed by the devices
- Resolution: 8 bytes with 256 levels equal to 16.770 million colours
- Digital interface: RS485 with opto-isolator and integrated buffer, compatible with USITT DMX 512 (1990) protocol
- Input: socket for DMX signal, over-voltage protection
- Outputs (modular terminal boards) that can be used simultaneously:
  - 2 outputs for constant voltage led devices
  - 2 outputs for constant current
  - 1 DMX output (over-voltage protection)
- Operating configuration: through dip-switches
- Internal diagnostics: led signalling correct or erroneous DMX connection,
- Firmware updates: by PC using DMX input
- Operating temperature: -20° +50°C.

## SECS 36



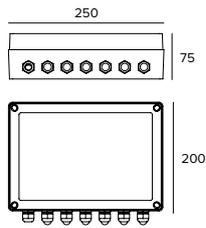
35W output

**1T2245**

### TECHNICAL FEATURES

- Power supply: 90-240 VAC, 50-60 Hz with automatic adjustment and short circuit protection
- Max. output power: 35W
- Power factor 0.9 (PFC)
- Led control mode: Pulse Width Modulation (PWM)
- Output voltage: maximum 30 VDC, SELV
- Driving current 350 mA
- Controllable devices: power RGB led (1-3W, 6 wires)
- Number of devices controlled: 9 LED for colour max
- Resolution: 8 bytes with 256 levels equal to 16.770 million colours
- Digital interface: RS485 with opto-isolator and integrated buffer, compatible with USITT DMX 512 (1990) protocol
- Input: socket for DMX signal, over-voltage protection
- Outputs:
  - 2 outputs for constant current LED devices
  - 1 DMX output with over-voltage protection
- Operating configuration: through dip-switches
- Internal diagnostics: led signalling correct or erratic DMX connection
- Operating temperature: -20° +50°C
- External control through DMX512 protocol.

## OPTOSPLITTER



Device that has to be used for splitting a DMX 512 line to create up to four new branches, each fully optoisolated from the others. Optical isolation of each line increases transmission reliability, since it eliminates any possibility of ground looping. OptoSplitter 4ch also amplifies the DMX signals in output; this permits extending the transmission length to the maximum recommended by the DMX standards; each of the new DMX lines may be used as an independent line and each can handle up to 32 devices (not buffered). The fixture is not RDM compatible.

4 ch

**1T2266**

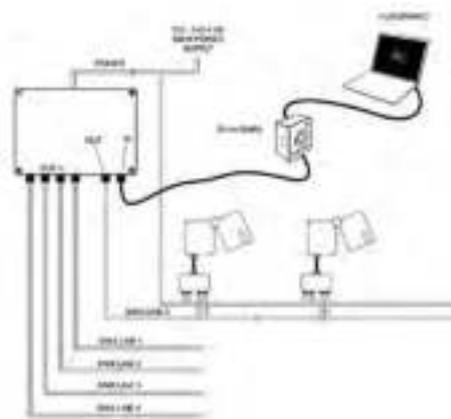
## ELECTRICAL AND TECHNICAL FEATURES

- Power supply: 100-240 V AC, 50-60 Hz input (built-in)
- Power consumption: 5W
- Main switch for switching the device ON/OFF
- Input: 1 input for DMX 512 - USITT 1990 signal
- Outputs: 4 optoisolated, amplified DMX 512 outputs (3 kV)
- 1 amplified output for daisy-chain connection
- Connectors: modular terminal blocks inside the housing
- DIP switch: for inserting terminal resistor at end DMX line
- Protection classification: IP66
- Housing: Plastic material with input and output cable glands
- Complete with 1,5-meter power cord
- Ambient temperature for operation: -20°C to +50°C
- Dimensions: 250 x 200 x 75 mm.

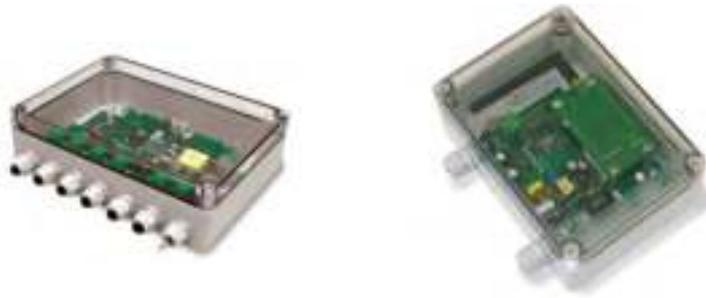
## FEEDING CABLE

<b>6-pole cable</b> for driver output connection to Constant Current LEDs	<b>1E1713</b>
<b>Multifunction cable</b> for outdoor use (DMX + power supply)	<b>1E1715</b>
<b>Standard DMX cable</b> (1 twisted pair + shield, 120Ohm)	<b>1T1932</b>

## SCHEMA TIPICO DI COLLEGAMENTO / TYPICAL WIRING LAYOUT



# DMX 512 WIRELESS TECHNOLOGY



DMX Wireless technology can be transmitted the control signal to the lighting fixtures, without cables. Transmission is handled by a radio transmitter operating on a reserved frequency that is license-free worldwide.

It is able to transmit a signal:

- from one building to another;
- from a central control room to multiple installations in different positions, distant the ones from the others;
- from the inside of a building to the exterior, the facade, the roof, or a surrounding;
- in archaeological contexts in which digging trenches for laying.

A "DMX 512 Wireless" system requires that the control unit be equipped with a radio transmitter (external or built-in) and that a radio receiver is available in proximity to each DMX device or group of fixtures.

The product range includes a series of devices/fixture incorporating DMX 512 wireless technology, having the following characteristics in common:

- the signal is transmitted via radio, using a protocol and components derived from the GSM mobile telephony standard;
- the frequency used is FCC approved and is license-free throughout the world, including Japan and the USA;
- the devices apply FHSS (Frequency Hopping Spread Spectrum) technology;
- installation is the "plug-and-play" type; that is, there is no need to attribute IP addresses to the fixtures, which automatically recognize the transmitter by which they are controlled;
- the radio signal can be transmitted in a range up to 500 meters (1700 feet) in free space and through material such as walls, glass, and metals;
- multiple transmitters may be used in the same area because they can be individually to control a single group of fixtures without creating reciprocal interference;
- the fixtures are not RDM compatible.

## WIRELESS OPTOSPLITTER

IP65

A device that operates as a radio receiver with up to 4 wired DMX lines in output.

4 ch with Wireless receiver **1E1906**

### TECHNICAL FEATURES

Technical feature of this unit are identical to the ones of the normal Optosplitter with the following additional features:

- Built-in radio receiver module
- Built-in antenna
- RLS (Radio Link Status) monitoring system and LOG command (for transmitter linkage)
- Built-in power supply for all components, including radio section
- Protection grade: IP65
- Not RDM compatible

## WIRELESS DMX - TRANSMITTER

0,2 IP65

This device receives a DMX-IN signal via cable. It can be installed at any point in a DMX line and from that point on it transmits the signal via radio. For example, connecting the device directly to the output of any DMX512 controller transforms it into a wireless controller. Not RDM compatible.

Transm. with 1 DMX input **1E1929**

### TECHNICAL FEATURES

- Built-in radio module transmitting on the 2.45 GHz license-free radio frequency
- One radio output with external antenna
- Capability to control a DMX universe and to address individually 512 radio receivers
- RLS (Radio Link Status) LED system for monitoring quality of DMX transmission
- LOG key for secure receiver linkage
- Transmission range: 500 meters in open air
- Built-in power supply: 90-250V AC, 50/60 Hz
- Housing in plastic material, for outdoor use (IP65)
- Dimensions: 175 x 125 x 76 mm.

# mySCENARIO



Systems of digital devices designed to control dynamic lighting fixtures and to programme dynamic light scenarios and sequences.

The system consists of an intuitive software, compatible with Windows operating systems, able to control different hardware devices having the following functions:

- recording colour-changing scenarios set by the operator;
- allowing the selection among the multiple scenarios recorded;
- transmitting the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

The software provides a graphic simulation of the operating keys of lighting controller; the patching function allows to assign the DMX control channels to the fixtures by using the

internal library.

The Colour Manager function allows a quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times. The built-in calendar allows a full time scheduling of show playback (month, day, hour, minutes, recurring events). The programmed light shows can be transferred to the different control interfaces.

## mySCENARIO SHOW STORE

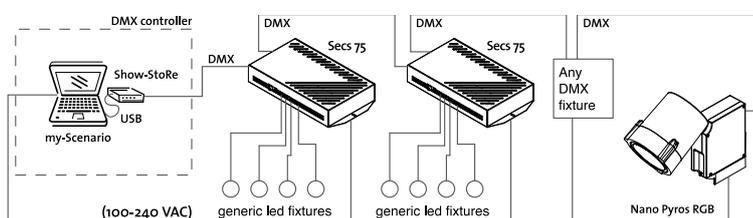
Software + USB interface **1T1898**

## INTERFACE TECHNICAL FEATURES

- Storage, via USB, of light-shows created through mySCENARIO software
- Automatic stand-alone operation with non need of a PC or any other external driver
- Keys for scrolling through programmed sequences
- Digital display to show the number (1-99) of active scene
- Led indicators for ON/OFF status
- Three poles XLR output – DMX signal to lighting fixtures
- XLR input for daisy chain connection to other identical unit
- Management of 512 DMX channels (512 parameters to be programmed separately)
- Memory dedicated to light shows proportional to number of connected channels (2877 with 20 channels; 2877 with 60 channels; 355 with 512 channels);
- Internal clock for sequences triggering
- External power supply 100-240 VAC, 50-60 Hz in case of use without PC.



## TYPICAL WIRING LAYOUT



# mySCENARIO WALL



**DMX controller with a glass touch sensitive screen for architectural applications.**

It can manage 10 different lighting zones and 50 scenarios per zone.

It can control two different DMX universes (2x 512 channels).

The touch keys on the front make it possible to modify and recall programmed scenarios.

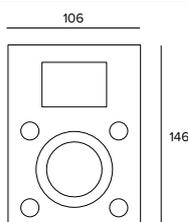
Stand alone function or connected to a computer using a USB port.

Power supply adapter and USB cable included.

Software for creating scenarios (that can be downloaded from the Targetti website) is included.

To be used with all RGB and RGBW products.

## mySCENARIO WALL



1T6499

## INTEFACE TECHNICAL FEATURES

- 6 Vdc power supply
- 4W output
- SD memory card
- DMX 2x 512 channels
- Windows 32/64 bit operating system
- Dimensions 146 x 106 x 11 mm

# USB-RDM PROGRAMMER CODE

**DMX-RDM (Remote Device Management) address planner.**

Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.

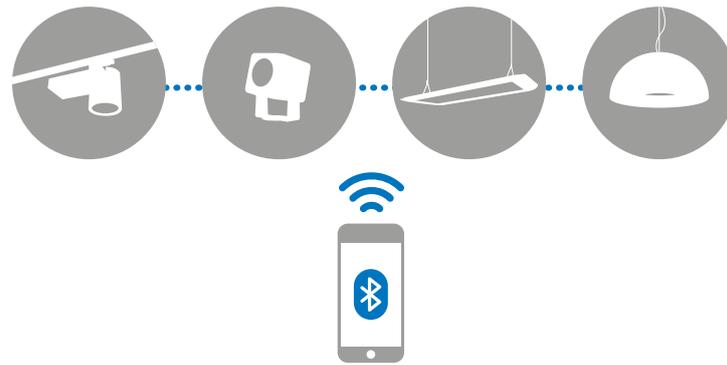
To be used with all RGBW products.



## USB -RDM

1E2767

# CASAMBI - LIGHTING MANAGEMENT SYSTEM



LMS is the Targetti wireless home automation system that can manage even the most complex lighting systems. Designed for the consumer and the professional market, LMS is the result of the combination of components from Casambi - a leading company producing wireless lighting control solutions - and Targetti light fixtures.

## iOS AND ANDROID APPS

Thanks to the intuitive simplicity of the app developed by Casambi for iOS and Android, LMS ensures system operational readiness. You just need a phone or another mobile device and anyone can create and manage a lighting network singlehandedly by controlling every fixture individually or in groups depending on the needs and the functions required. Managing the system using a standard handset is also made possible with the use of specific accessories.

## EXTREME USABILITY

The ease of use and programming of the system makes it easy to manage without the use of special control units or assistance from

specialised technicians. The application recognises and associates the Targetti fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

## MESH SELF-HEALING NETWORK

LMS allows the final user to generate adaptive and multipoint networks: "adaptive" because every fixture can work as a buffer for all the others, adapting automatically to various contexts to optimise control signal propagation; "multipoint" because you can connect up to 127 fixtures on each network without any limit on the number of networks. The result is strong, reliable and affordable networks that manage the system, the profiles of individual fixtures and access rights.



1. Choose Targetti fixtures by opting for the Targetti Casambi Ready package or Casambi accessory components.



2. Install the fixtures without running more cables.



3. Download the Casambi iOS or Android App depending on the device used.



4. Activate the Bluetooth function on the device.



5. Turn on the installed fixtures.



6. Launch the App: the fixtures in operation will be detected automatically.



7. Create one or two networks depending on the characteristics of the environment.



8. Create groups of devices as needed.



9. Program scenes and/or sequences.



10. Set the level of network sharing by choosing one of the following possibilities:
  - a. No network sharing
  - b. Sharing with administrators only: access with an admin password
  - c. Sharing with visitors: the password in this case does not permit network programming
  - d. Open access without programming possibilities.Synchronisation between the different fixtures is ensured by the Cloud function.

## WORK BETTER WITH LMS

For optimum system operation we recommend you follow the sequence of steps given below.

# LIGHTING MANAGEMENT SYSTEM

## LMS FUNCTIONS

Here is a list of the various functions of the system that can vary depending on the characteristics of the product and the degree of complexity of the system.

1. Create a network.

2. On/Off of the fixtures: touch the icon relating to the fixture once or twice.

3. Dimming: scroll to the right to increase the light intensity and to the left to reduce it.

4. Colour temperature control: scroll up or down for getting respectively warmer or colder colour temperatures.

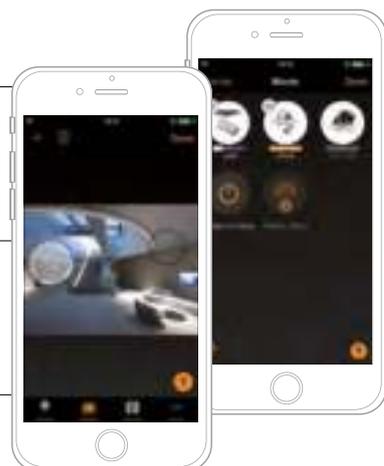
5. Colour control: touch and hold the icon of the device to see the colour-options.

6. Create groups.



7. Function Gallery: capture/upload a photo or a render of the space to manage the device directly on the image.

8. Configure lighting scenes.



9. Configure sequences (dynamic scenes or sequences of different scenes).

10. Timer Function: set fade times between scenes and sequences and programme date and duration.



11. Geolocation: by activating this tool it is possible to programme on and off functions that can be automatically associated to sunrise and sunset irrespective of the period of the year (astronomical watch).

12. Cloud Function: makes it possible to share different devices and remote access to the network. In remote access a device acts as a gateway while the others are connected via the Cloud.



13. iBeacon technology (only for iOS): fixtures equipped with LMS modules are equipped to interact with iBeacon technology based retail or museum applications.



# LIGHTING MANAGEMENT SYSTEM

## CASAMBI ACCESSORIES

External accessories with simple electric cables make it possible to control Targetti fixtures in wireless mode.

For a clear and easy choice for the correct accessories, please refer to the explanatory table on page 794 that shows:

- An alphabetical list of the Targetti fixtures that are compatible with Casambi accessories
- Product variants that are compatible with Casambi accessories (only some variants of the same product can be controlled by the LMS system)
- Compatible accessories (descriptions and technical characteristics are listed below)
- Wiring diagram (the complete list is available on page 800)

Gateway DALI/Casambi available that allows fixtures fitted with mesh Bluetooth Casambi technology to interface with a traditional DALI system and to be adjusted by a DALI control unit. For further information see the website.

### Control module IP20



A wireless control module with a DALI interface. It generates a local DALI bus which makes it possible to connect a LED driver directly to a DALI interface. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a CASAMBI app for smartphones and tablets using Bluetooth 4.0 technology. The devices create an adaptive, secure and reliable wireless mesh network that can control a large number of fixtures in a simple and efficient way. IP20.

	<b>1T5349</b>
Power supply	220-240 VAC
Power	1,1W - PF 0,6
Max current	0,6 Amp AC
Max n. DALI driver	1
Max n. 1-10v driver	1
Dimensions	37x41x14 mm
Exit	

### Dimmer wireless Bluetooth



Wireless Bluetooth Dimmer capable of handling constant voltage loads of 12V or 24V subdivided into 4 channels with PWM output. This dimmer must be connected between the 12V or 24V power supply and the constant voltage LED module. The maximum total current that can be supplied by the control unit is 6A (equivalent to a total of 144W) that can be divided between the 4 outputs. Compatible with Minimercurie RGB and Micromercurie

	<b>1T7944</b>
Power supply	12/24 VDC
Power	144W (24V)
Max current	72W (12V)
Max n. DALI driver	
Max n. 1-10v driver	
Dimensions	72,6x18x30mm
Exit	PWM

### Xpress



**1T5350**

Xpress is a wall mounted wireless user interface; it can be installed wherever the user chooses thanks to battery power with autonomy of 2-3 years providing direct access to all the most important CASAMBI system control functions. As well as switching the fixtures on and off, Xpress controls dimming, colour temperature change in fixtures equipped with this technology, and control of individual fixtures and lighting scene or sequence management.



### Trailing Edge dimmer IP20



**1T5351**

A Wireless Trailing Edge / IGBT dimmer managed using Bluetooth 4.0 technology. It works with LED 230 V-AC modules, dimmable LED sources and halogen lamps. It can be installed inside a standard 503 wall switch box, lighting fixtures or ceiling canopies. It can manage systems with a maximum absorption of 150W. The module is wireless controlled using a CASAMBI app for smartphones and tablets or traditional wall switches. IP20.

Power supply	85-240 VAC
Power	0,3W - PF 0,35
PMax power fixtures*	
Dimensions	37x41x14 mm

\*Consult the assembly instructions.

### Extender IP20



**1T5352**

Extender IP20 allows for wireless control with a DALI interface. It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A. It prevents any change to the management features provided by the CASAMBI system.

Power supply	100-240 VAC
Power	2,7W - PF 0,6
Max current	6 Amp AC
Max n. DALI driver	64
Max n. 1-10v driver	30
Dimensions	100x42x30 mm

### Control module IP67



**1E3048**

A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.

Power supply	220-240 VAC
Power	1,1W - PF 0,6
Max current	0,6 Amp AC
Max n. DALI driver	1
Max n. 1-10v driver	1
Dimensions	120x65x30 mm

### Extender IP67



**1E3049**

A IP67 Extender allows for wireless control with DALI interfaces. It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in outdoor applications. It prevents any change to the management features provided by the CASAMBI system.

Power supply	100-240 VAC
Power	2,7W - PF 0,6
Max current	6 Amp AC
Max n. DALI driver	64
Max n. 1-10v driver	30
Dimensions	150x150x40 mm

# LIGHTING MANAGEMENT SYSTEM

PRODUCT	VARIANT	1T5349	1T5351	1T5352	1E3048	1E3049	DIAGRAMS
		CONTROL MODULE IP20	TRAILING EDGE DIMMER IP20	EXTENDER IP20	CONTROL MODULE IP67	EXTENDER IP67	
<b>BEBOP RECESSED</b>	DALI Version	●		●			01 - 04
<b>BOTTONE</b>	LED module 230Vac max 150W		●				03
<b>BRAQUE</b>	LED module 230Vac max 150W		●				03
	Rectangular suspension			●			04
<b>CARTESIO</b>	Square suspension DALI Version	●		●			01 - 04
	Square ceiling	●		●			01 - 04
<b>CCT FLASH LED</b>	DALI Version	●		●			01 - 04
<b>CCTLED ARCHITECTURAL</b>	DALI Version	●		●			01 - 04
<b>CCTLED ARCHITECTURAL MICRO</b>	DALI Version	●		●			01 - 04
<b>CCTLED ARCHITECTURAL MINI</b>	DALI Version	●		●			01 - 04
<b>CCTLED DOWNLIGHT</b>	DALI Version	●		●			01 - 04
<b>CCTLED DOWNLIGHT MICRO</b>	DALI Version	●		●			01 - 04
<b>CCTLED DOWNLIGHT MINI</b>	DALI Version	●		●			01 - 04
<b>CCTLED PENDANT</b>	DALI Version	●		●			01 - 04

# ACCESSORIES



PRODUCT	VARIANT	1T5349	1T5351	1T5352	1E3048	1E3049	DIAGRAMS
		CONTROL MODULE IP20	TRAILING EDGE DIMMER IP20	EXTENDER IP20	CONTROL MODULE IP67	EXTENDER IP67	
CCTLED TUBE	DALI Version	●		●			01 - 04
CLOUD	DALI Version	●		●			01 - 04
CLOUD MINI	DALI Version	●		●			01 - 04
CORO	With DALI driver	●		●			01 - 04
COZY	With DALI driver	●		●			01 - 04
DART MAXI	DALI Version				●	●	05 - 06
DART MEDIUM	DALI Version				●	●	05 - 06
DART SMALL	With DALI driver				●	●	05 - 06
DIVA	DALI Version			●			04
FEBO EVO	DALI Version				●	●	05 - 06
FLOOD	DALI Version	●		●			01 - 04
FORTYEIGHT - LABEL 48V	DALI Version	●		●			01 - 04
FORTYEIGHT - LOGICO 30	DALI Version	●		●			01 - 04

# LIGHTING MANAGEMENT SYSTEM

PRODUCT	VARIANT	1T5349	1T5351	1T5352	1E3048	1E3049	DIAGRAMS
		CONTROL MODULE IP20	TRAILING EDGE DIMMER IP20	EXTENDER IP20	CONTROL MODULE IP67	EXTENDER IP67	
GLOBO	Halogen max 150W		●				03
HALL	DALI Version	●		●			01 - 04
ISO		●		●			01 - 04
JEDI	DALI Version				●	●	05 - 06
JEDI INCASSO					●	●	05 - 06
JEDI COMPACT IP40	DALI Version	●		●			01 - 04
JEDI COMPACT IP67	DALI Version				●	●	05 - 06
JUPITER	With DALI controller				●	●	05 - 06
JUPITER PRO					●	●	05 - 06
LABEL 230V	DALI Version	●		●			01 - 04
LOGICO	DALI Version *For fixture with 1 driver	●		●			01 - 04
MONETA	LED module 230Vac max 150W		●				03
MR. BO	DALI Version				●	●	05 - 06

# ACCESSORIES



PRODUCT	VARIANT	1T5349 CONTROL MODULE IP20	1T5351 TRAILING EDGE DIMMER IP20	1T5352 EXTENDER IP20	1E3048 CONTROL MODULE IP67	1E3049 EXTENDER IP67	DIAGRAMS page 800/801
MR. SMITH					●	●	05 - 06
MRS. SMITH					●	●	05 - 06
OMEGA		●		●			01 - 04
OSIRIDE LED	Version with LED module 230Vac max 150W		●				03
OZ STAND ALONE 230V		●		●			01 - 04
PANTHEON	LED module 230Vac max 150W		●				03
PROFESSIONAL LED	Version with LED module 230Vac max 150W		●				03
QUICKLED	DALI Version	●		●			01 - 04
SATURN	With DALI controller				●	●	05 - 06
STORE GIMBAL	DALI Version	●		●			01 - 04
STORE MINI GIMBAL	DALI Version	●		●			01 - 04
THREESIXTY	DALI Version *For fixture with 1 driver	●		●			01 - 04
VOLTA IP66	With DALI driver				●	●	05 - 06

# LIGHTING MANAGEMENT SYSTEM



PRODUCT	VARIANT	1T5349	1T5351	1T5352	1E3048	1E3049	DIAGRAMS
		CONTROL MODULE IP20	TRAILING EDGE DIMMER IP20	EXTENDER IP20	CONTROL MODULE IP67	EXTENDER IP67	page 800/801
<b>WASABI</b>	LED module 230Vac max 150W		●				<b>03</b>
<b>ZEDGE</b>	With DALI controller				●	●	<b>05 - 06</b>
<b>ZEDGE LINE</b>	DALI Version				●	●	<b>05 - 06</b>
<b>ZEDGE PRO</b>	DALI Version				●	●	<b>05 - 06</b>
<b>ZENO APPLIQUE</b>	DALI Version	●		●			<b>01 - 04</b>
<b>ZENO SMALL</b>	DALI Version	●		●			<b>01 - 04</b>

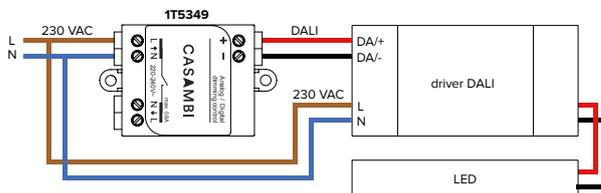


## WIRING DIAGRAMS

01

Single DALI control IP20

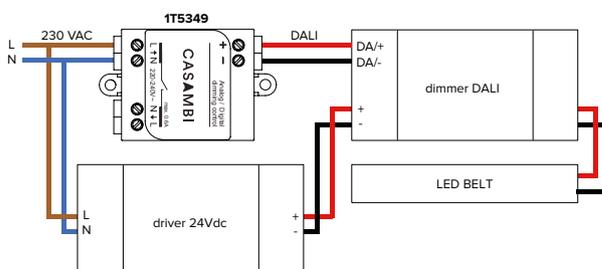
1T5349



02

CASAMBI control, 1-4 channels IP20

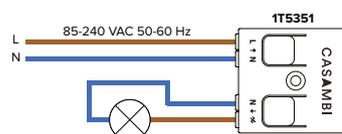
1T7944



03

Single Trailing Edge control for LED 230 V-AC Modules, dimmable LED sources and halogen lamps - 12V and mains voltage (IP20)

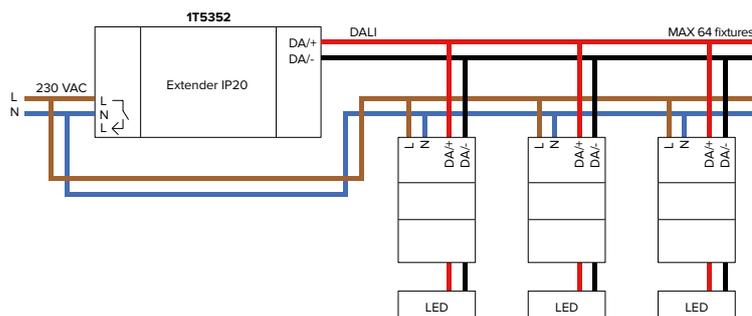
1T5351



04

DALI multiple control IP20

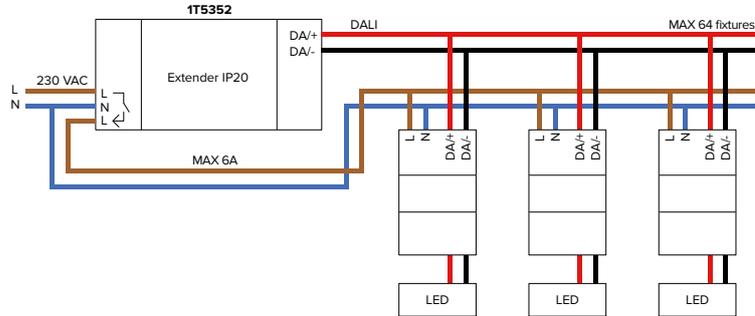
1T5352



04

DALI multiple control with relay IP20

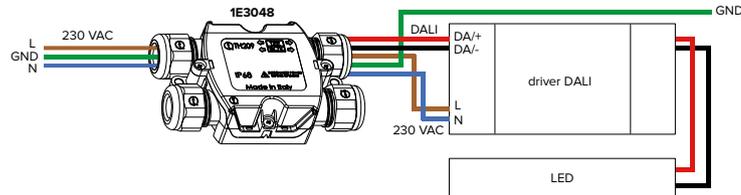
1T5352



05

DALI single control IP67

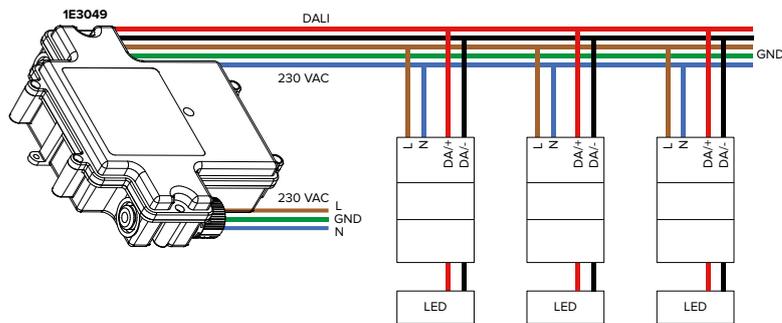
1E3048



06

DALI multiple control IP67

1E3049

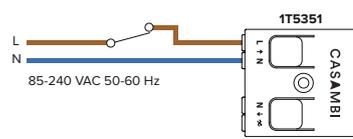
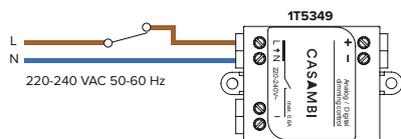


07

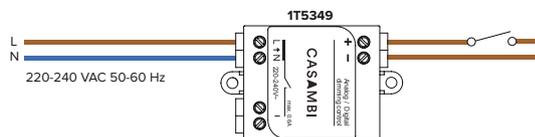
Diagram for use with wall mounted push button

1T7944

normally closed



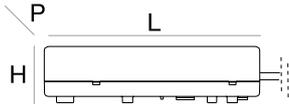
normally open



**Technical data**

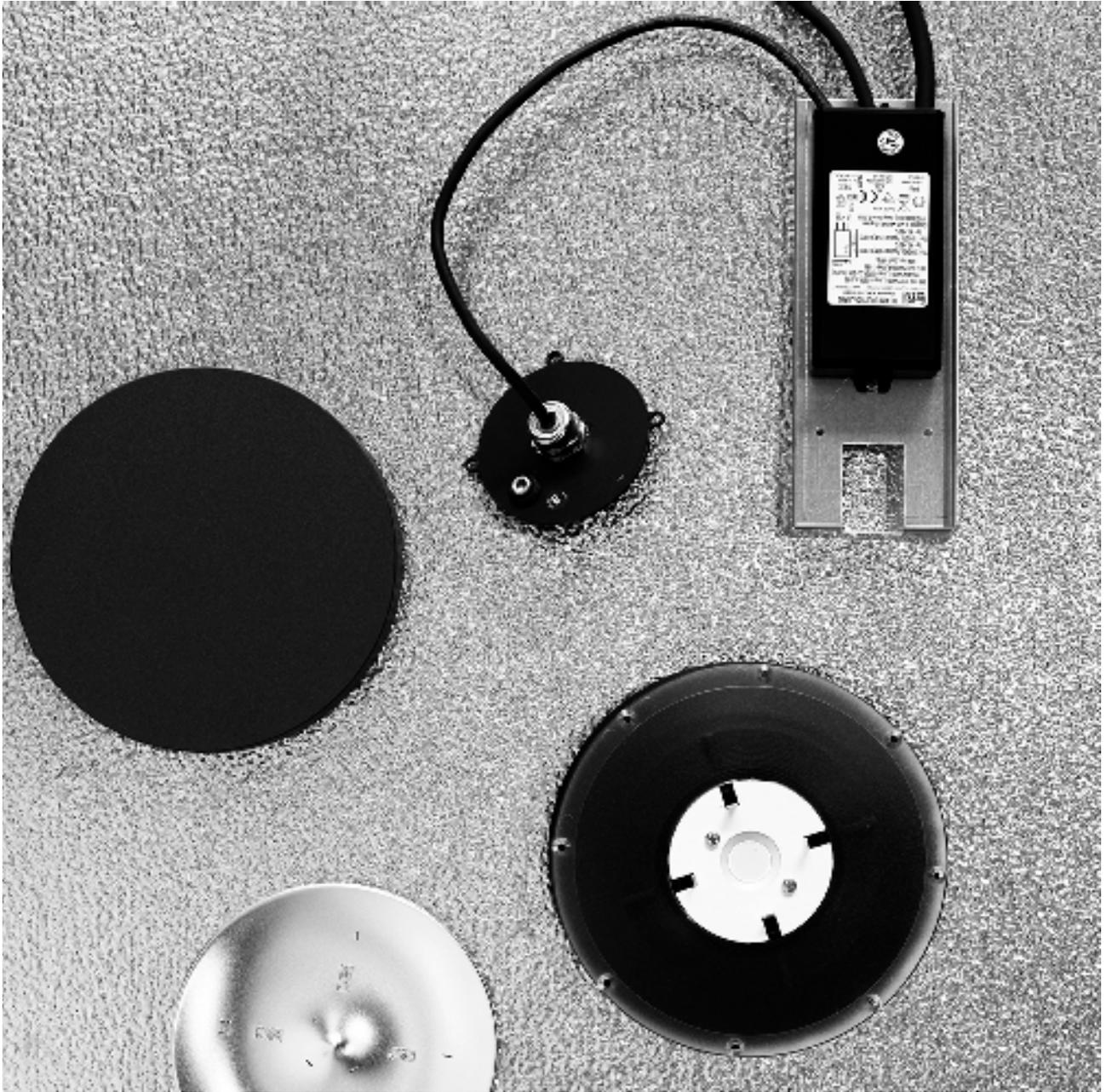


# POWER SUPPLY



## ELECTRONIC BALLAST/POWER SUPPLY FOR LED SOURCE

Power	LxHxP	Power supply	Output current	Output voltage	Dimming	Protection	
max 20W	∅ 98 H 78	220-240V		24V-DC		IP68	<b>1E0993</b>
17W	∅ 105 H 74	220-240V	700 mA				<b>1E1385</b>
12W	∅ 105 H 74	110-120V	700 mA				<b>1E1385</b>
70W	225x51x65	220-240V		48V-DC		IP67	<b>1E2320</b>
150W	225x51x65	220-240V		48V-DC		IP67	<b>1E2321</b>
480W	227x100x125	220-240V		48V-DC		IP20	<b>1E2323</b>
240W	125x100x125	220-240V		48V-DC		IP20	<b>1E2533</b>
max 43W	150x40x150	220-240V	600mA			IP68	<b>1E2571</b>
max 43W	150x40x148	220-240V	600mA		DALI	IP68	<b>1E2572</b>
max 50W	150x40x148	220-240V	900mA			IP68	<b>1E2573</b>
max 50W	150x40x148	220-240V	900mA		DALI	IP68	<b>1E2574</b>
20W	150x40x148	110-240V	400mA		1-10V	IP68	<b>1E3033D</b>
20W	150x40x148	110-240V	400mA		DALI	IP68	<b>1E3033DA</b>
20W	150x40x148	220-240V	400mA			IP68	<b>1E3033EL</b>
20W	150x40x148	110-240V	900mA		1-10V	IP68	<b>1E3034D</b>
20W	150x40x148	110-240V	700mA		DALI	IP68	<b>1E3034DA</b>
20W	150x40x148	110-240V	900mA			IP68	<b>1E3034EL</b>
10W	69x33x38	220-240V		24V-DC		IP67	<b>1E3179</b>
15W	119x22x52	220-240V	350mA			IP20	<b>1T1757</b>
29W	160x35x83	110-240V	700mA			IP20	<b>1T2963</b>
29W	160x35x83	110-240V	700mA		DALI	IP20	<b>1T2965</b>
max 50W	160x35x83	220-240V	900mA			IP20	<b>1T2966</b>
max 50W	160x35x83	110-240V	900mA		DALI	IP20	<b>1T2968</b>
75W	130x32x80	220-240V		24V-DC		IP67	<b>1T3586</b>
100W	230x87x43	220-240V		24V-DC		IP67	<b>1T3587</b>
200W	238x42x67	220-240V		24V-DC		IP67	<b>1T3588</b>
32W	160x35x83	110-240V	600mA			IP20	<b>1T3625</b>
32W	160x35x83	110-240V	600mA		DALI	IP20	<b>1T3627</b>
50W	185x22x63,5	220-240V		24V-DC		IP20	<b>1T3726</b>
42W	160x35x83	110-240V	1050mA			IP20	<b>1T3781</b>
42W	160x35x83	110-240V	1050mA		DALI	IP20	<b>1T3783</b>
max 22W	130x30x42	220-240V	500mA			IP20	<b>1T3966</b>
20W	118x22x52	110-240V	400mA		1-10V	IP20	<b>1T4215D</b>
20W	118x22x52	110-240V	400mA		DALI	IP20	<b>1T4215DA</b>
20W	118x22x52	220-240V	400mA			IP20	<b>1T4215EL</b>
max 15W	119x22x52	110-240V	350mA		DALI	IP20	<b>1T4630</b>
20W	119x22x52	220-240V	500mA		DALI	IP20	<b>1T4631</b>
15W	119x22x52	110-120V	500mA		DALI	IP20	<b>1T4631</b>
max 60W	129x30x76	220-240V	1050mA			IP20	<b>1T4723</b>
max 60W	129x30x76	220-240V	1050mA		DALI	IP20	<b>1T4725</b>
20W	118x22x52	110-240V	900mA		1-10V	IP20	<b>1T5295D</b>
20W	118x22x52	110-240V	700mA		DALI	IP20	<b>1T5295DA</b>
20W	118x22x52	110-240V	900mA			IP20	<b>1T5295EL</b>
12W	101,5x29,5x51	220-240V	350mA			IP20	<b>1T6503</b>
12W	67x103x21	220-240V	350mA		DALI	IP20	<b>1T6504</b>
12W	158x19x22	220-240V	350mA			IP20	<b>1T6505</b>
42W	129x30x42	220-240V	1050mA			IP20	<b>1T6524</b>
10W/20W	145x19x55	110-240V/220-240V		12V-DC		IP20	<b>T1585</b>
70W	225x51x65	220-240V		12V-DC		IP65	<b>T1586</b>



# LED

## CHARACTERISTICS OF THE LED LAMPS TARGETTI FIXTURES ARE FITTED WITH

### Colour tolerance

The Targetti collection uses different LED lamps depending on the type of fixture. Nevertheless the hue of the light emitted is always the same from one fixture to another because only LED lamps produced by leading companies in the sector are used, with the same chromaticity identified by the methodology of MacAdam ellipse or SDCM (Standard Color Deviation Matching).

Light chromaticity is identified using a two-dimensional value within an ellipse that defines the maximum displacement of chromaticity from the point of reference (the centre of the ellipse).

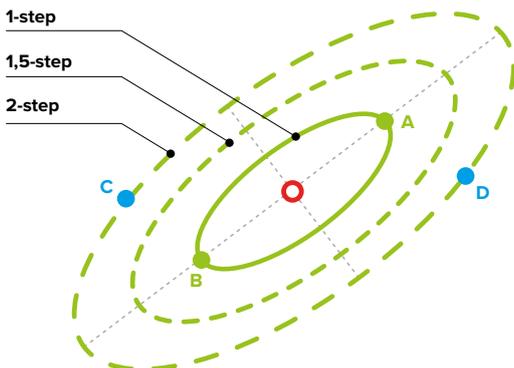
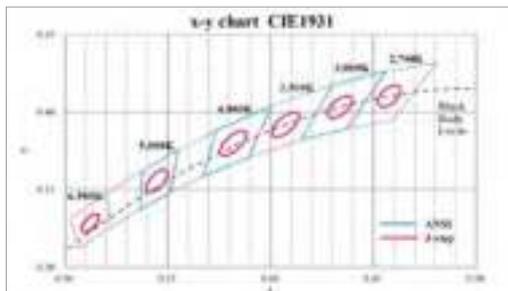
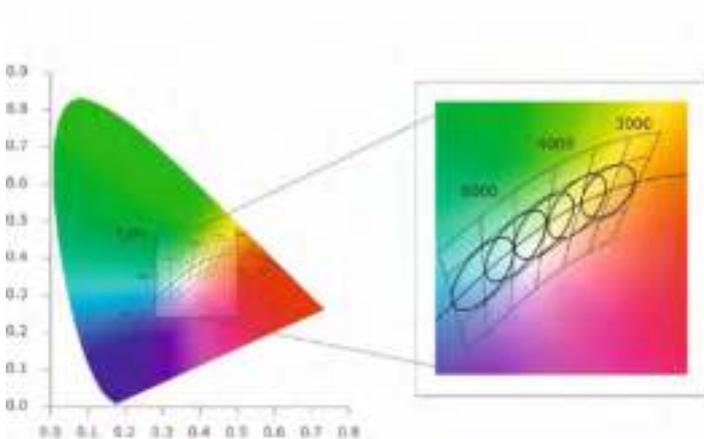
A 3 SDCM value is generally considered the maximum value before an average observer perceives chromaticity differences.

The colour tolerance values used in Targetti are as follows:

1.5 SDCM (1 on request) for fixtures that use COB LED lamps

3 SDCM (2 on request) for fixtures that use LED COB High density and LED Mid-Power lamps

It is also important to consider colour tolerance throughout the life span lamps (long term color consistency). Targetti LED lamps ensure the declared colour tolerance for the entire life of all fixtures.

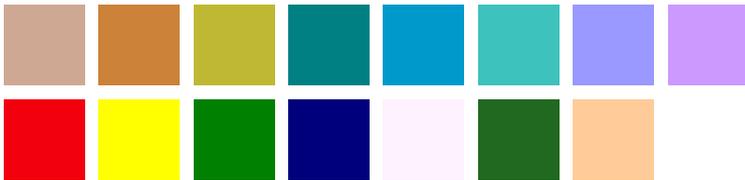


### Colour rendering

The colour rendering index is the quantitative measure of the ability of a light source to reproduce colours faithfully . The method approved and currently used is the **CIE CRI (Color Rendering Index)** also known as **CIE Ra**. To determine it a comparison is carried out between the lamps to be evaluated and a reference light source with the same colour temperature.

It is based on a comparison of 15 “patches” of colour. The Ra index is the average of the 15 Patches, R9 is the rendering of the red patch.

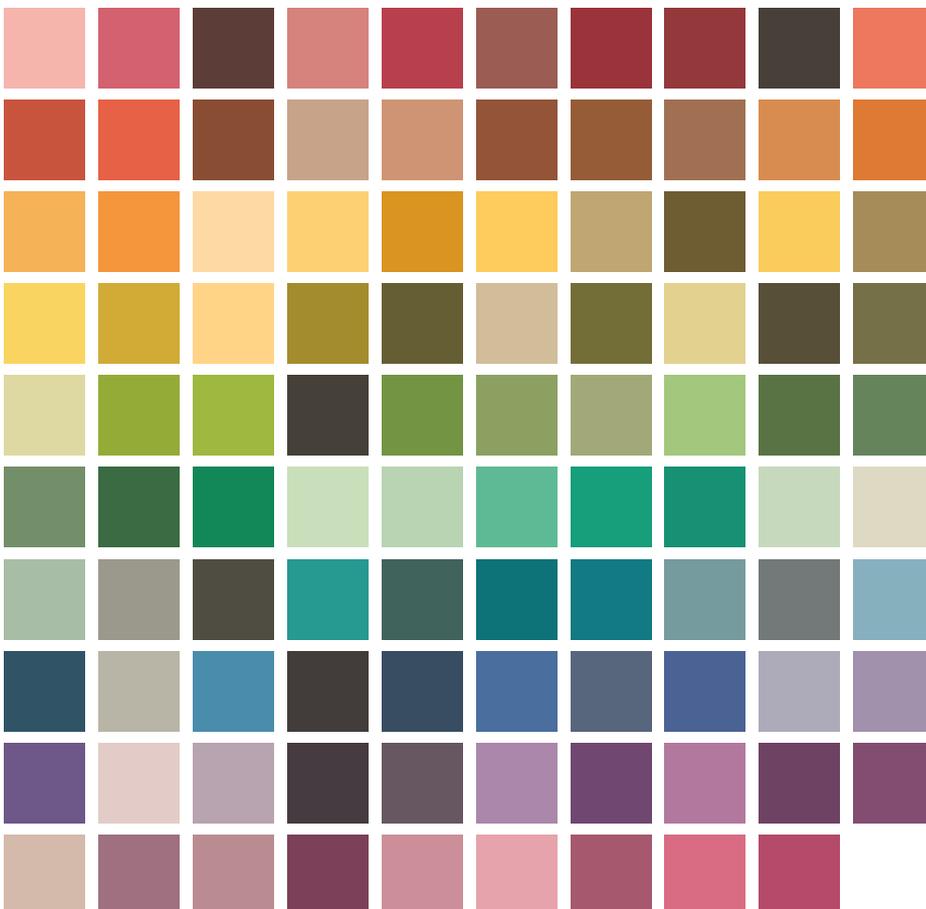
A colour rendering index between 90 and 100 is considered excellent and a value between 80 and 90 is good. Among specialists in the field the CRI method is often contested given that it provides values that are sometimes inadequate especially for some LED sources.



At meetings between the regulatory and standardisation committees various alternative methods have been put forward.

The one that is more popular and considered more reliable today is the **TM 30-15** method from the IES (Illuminating Engineering Society).

Most importantly is the IES TM-30-15 IES – the acronym for the Illuminating Engineering Society – the organisation that developed the scale as a new method for evaluating the colour rendering of a light source. It appears to be more reliable than the previous Ra because it is based on the colour rendering comparison of 99 “colour patches” rather than 8+6 like the CRI. In addition, where the CRI provides a single score, therefore it does not significantly express the narrow but broad relationship between light and colour, the TM-30 appears to be more complete because it is identified using three different parameters: an Rf Fidelity index, an Rg Gamut index and a colour vector graphic. These combine to provide a more accurate image of the colour fidelity of a light source and a better explanation of the exceptional colour rendering capabilities of LED sources.



# LED

## Rf (Fidelity)

The TM-30 Fidelity index uses 99 colours, rather than 8+4 of the CRI, chosen from real world objects. Like the CRI the points of the Fidelity index go from 0 to 100. A score of less than 60 is too poor for indoor use and a 90+ score is ideal for an effect that is similar to daylight.

The TM-30, 99 "colour patches" are classified into seven groups (nature, skin tones, textiles, paints, plastics, printed material and colour systems). This categorisation helps because the light source can be tested on specific application areas.

## Rg (Gamut)

Evaluates the intensity of colours under a certain light, therefore it provides indications of the source's ability to reproduce colour saturation (breadth of colour range).

A score range equal to 100 indicates that the light source does not change the hue or colour saturation that are reproduced in the same way as the sample source.

R>100 indicates an increase in colour saturation, therefore they appear more intense.

R<100 indicates a decrease in saturation.

## TM-30 colour vector graphic

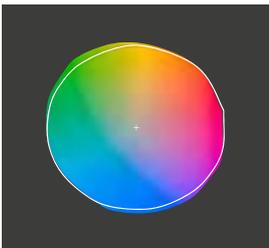
Indicates which colours appear to be saturated and which desaturated.

In the TM-30 colour vector graphic the black circle represents the sample light, while the red circle is the light being tested. If the circles overlap perfectly the tested light corresponds to sunlight.

The areas that extend beyond the black circle indicate that the colours are more intense compared to the sample, however those that remain inside represent colours that appear desaturated.

Unlike the Fidelity and Gamut indexes which are numerical scores, the colour vector graphic is a visual representation that makes it possible to understand which colours are more and less intense.

This is particularly useful when it is necessary to highlight a particular colour, for example in retail applications.



## Life expectancy of LED sources and lumen maintenance

LED lamps emit light for an extremely long length of time with an almost insignificant failure rate.

The life expectancy of a LED lamp is based on the decreasing lumen rate and the percentage of fixtures are subject to this decrease in a certain period of time.

For example a LED source with a life expectancy of 80000 hours is identified with the code L80 B10 when lots of this type of source once they reach 80000 hours will have at least 90% (100% - B=10) of the LED with lumen of over 80% of the original (L=80).

The lifetime of LED lamps is measured using tests carried out according to the IES LM80 standard. A certain number of LED lamps are left working at different temperatures for at least 6000 hours. Every 1000 hours various parameters are measured: lumen, chromaticity, power etc. The results are then processed using the IES TM 21 procedure that makes it possible to extract the data and produce the lumen maintenance values in hours, L and B depending on the operating temperature.

## Life span of LED fixtures

The life span of LED light fixtures depends mainly on two components: the LED lamp and the LED driver.

The life span of LED sources and LED drivers are heavily dependent on the temperature these components operate inside the fixture. Targetti fixtures are designed to have very low operating temperatures for LED sources and drivers compared to the limits indicated by producers to ensure excellent performance in terms of duration and lumen maintenance.

### **Targetti fixture data**

Since LED technology was applied to light fixtures we have always wanted to be completely transparent in publishing data relating to the performance of our fixtures.

For every fixture we have always indicated:

- The power of the LED source (Watt)
- The lumen of the LED source (lm)
- The power of the fixture (Watt)
- The lumen of the fixture (lm)
- Maximum intensity (cd)
- Typical colour rendering CIE Ra - TM30 Rf, Rg

### **Warnings on LED fixtures**

Given the production process of LED lamps, typical values indicated by parameters only represent statistical magnitude. These values are affected by the manufacturing tolerances of producers of LED lamps, drivers (LED power feed) and also the operating temperature of the fixtures (LED voltage varies with temperature).

Targetti fixtures are designed, built and tested in compliance with current standard regulations and technical requirements. As required by regulation IEC 60598, technical checks are carried out at a room temperature of 25°C. Even lumen output and lighting data are based on a room temperature of 25°C. At different temperatures deviations from the values indicated in the catalogue are possible.

Manufacturing tolerance on data relating to declared output and performance is  $\pm 10\%$

Then laboratory measurement uncertainties are then added:

Lumen 5%

Intensity 1%

Power 0.5%

Temperature 3%

# PHOTOMETRIC DATA

Photometric measurements were taken at the "Photometric Laboratory Targetti. These measurements are performed at a room temperature equal to 25±1 °C as required by UNI EN 13032-1 - Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 1.

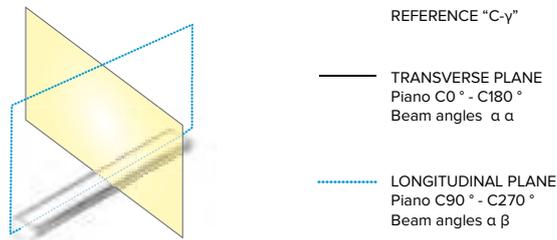
The photometric values quoted are dependent on the optical system to which they relate, and from the light source used. In order to improve its production, the Company reserves the right to change these optical systems and consequently relative photometric data without notice.

This catalog shows the only photometries for the 3000K color temperature version, to consult the photometric data of the other versions, please refer to the website [www.targetti.com](http://www.targetti.com)

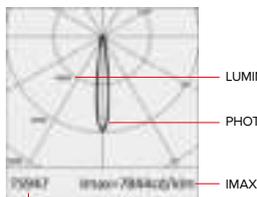
For ease of use, the photometric curve present within this catalogue is shown and explained below.

Photometric data are available in the "download" section of [www.targetti.com](http://www.targetti.com), in digital format.

The photometric curves shown in this catalogue are compiled according to the "C-γ" international reference system, where the C0-C180 plane is perpendicular to the fixtures and the C90-C270 plane is parallel to the fixtures, as depicted in the figure. For symmetrical and rotationally symmetric fixtures therefore, a single curve is used.



## POLAR DIAGRAM



PHOTOMETRIC CODE

3000K Ra84		KELVIN - IRC
Fixture Power	23W	FIXTURE POWER
Source Flux	2886lm	LED FLUX
Fixture Flux	2453lm	FIXTURE FLUX
Efficacy	107lm/W	EFFICACY
Imax	2263Rcd	IMAX

H(m)	D(m)	Emax(lx)	BEAM ANGLE
	14°		
1	0.24	23538	DISTANCE FROM THE PLAN (m)
2	0.48	5859	
3	0.72	2515	Ø LUMINOUS CONE (m)
4	0.96	1415	
5	1.20	906	MAX ILLUMINATION (lx)

**CIE FLUX CODE** - The Commission Internationale de l'Eclairage (CIE) provides a classification of luminaires according to the distribution of the flux delivered within certain limits of solid angle. The first three numbers indicate the fluxes contained in the cones identified by solid angles equal to  $\pi/2$ ,  $\pi$ ,  $3/2\pi$ . The fourth number gives the percentage of direct light compared to total emission. The fifth is the ratio between the total emission of the fixtures and total emission of the lamps (efficiency of the fixtures). The 5 codes are expressed in percentages.

**FIXTURE PERFORMANCE** - In accordance with EN 13032-2 - Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places - the performance of lighting fixtures is indicated by the acronym "LOR" (Light Output Ratio) defined as the ratio of the luminous flux emitted by a fixture and the total flux of the sources used. For direct/indirect light fixtures appliances, the regulation introduces the components "DLOR" (Down Light Output

Ratio) and "ULOR" (Up Light Output Ratio). These components show the distribution of luminous flux of the fixtures in the lower and upper half-space. The 3 parameters are expressed as percentages.

**UGR VALUES** - The UGR (Unified Glare Rating) method was introduced by the CIE (Commission Internationale de l'Eclairage) with the CIE 117 – 1995 publication "Glare Discomfort in Interior Lighting" in order to have a unified method for evaluating glare. Unlike the previous method (Diagram of light or Söllner), the index of glare depends on both the characteristics of the fixtures, and the characteristics of the environment in which it is installed, taking into account the relative position of observer- fixtures.

The UGR glare index is calculated from the size of the room, the type of light fixtures, its size and the surface reflection properties of the environment. It is expressed by the formula:

$$UGR = 8 \log \left( \frac{0,25}{L_b} \sum \frac{L^2 \pi}{\rho^2} \right)$$

- UGR: A value that defines the class of the annoying glare (or glare that causes disruption without affecting the view of objects) directly produced by the fixtures of an indoor lighting system.
- Background luminance  $L_b$ : luminance of the visual field, in  $cd/sqm$ , with the exclusion of glaring sources.
- Fixtures luminance  $L$ : luminance of the luminous parts, in  $cd/sqm$ , of each appliance in the direction of observation.
- Solid angle  $\pi$ : solid angle, in steradian, of the luminous parts of each illumination fixture in the direction of the eye of the observer.
- Guth's position index  $p$ : a value that defines the offset angle to the axis of vision for each individual luminary.

- Y transverse dimension of the room equal to  $8H$   
 Reflectance index of the ceiling, walls and floor, respectively, equal to 0.7, 0.5, 0.2

To aid better understanding, the UGR values reported in the polar diagram of the lighting fixtures have been grouped into the following illustrative classes by type of application, as specified in UNI EN 12464-1:

- <16 maximum viewing comfort
- <19 comfort required in offices
- <22 comfort required in other work places
- <25 need for reduced visual comfort
- <28 extremely low visual comfort

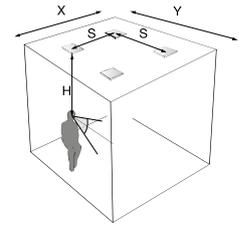


Figura 1 / Figure 1

UGR glare index values are between 10 and 30, from minimum to maximum probability of distress.

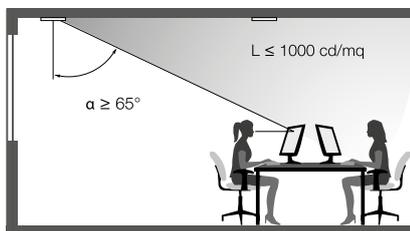
- UGR C 0: refers to the transversal direction of observation of the fixtures
- UGR C 90: refers to the longitudinal direction of observation of the fixtures.

Glare ratio reported in polar diagrams are calculated in relation to a local standard, as provided for by regulation CIE 117, having the following characteristics (Figure 1):

The size of the room as well as the distance between fixtures in both directions are specified in relation to the distance  $H$  between the fixture plane and the observer plane (usually assumed to be equal to 1.2 m):

- S Distance between fixtures in both directions equal to  $0.25H$
- X longitudinal dimension of the room equal to  $4H$

LUMINANCE VALUES - The UNI EN 12464-1 - Light and lighting - Lighting of workplaces - Part 1: internal workplaces - prescribes the boundary values of average luminance of the lighting equipment at elevation angles of  $65^\circ$  and above from the downward vertical, radially around the luminaires, for work stations where display screens which are vertical or inclined up to  $15^\circ$  tilt angle are used.



Screen high state luminance	High luminance screen >200cd/mq	Medium luminance screen $\leq 200cd/mq$
Case A	$\leq 3000 cd/mq$	$\leq 1500 cd/mq$
Case B	$\leq 1500 cd/mq$	$\leq 1000 cd/mq$

- Case A: flat screens operating at positive polarity with normal requirements concerning colour and details of the shown information, as used in office, education, etc.
- Case B: to flat screens operating at negative polarity and/or with higher requirements concerning colour and details of the shown information, as used for CAD colour inspection, etc.