

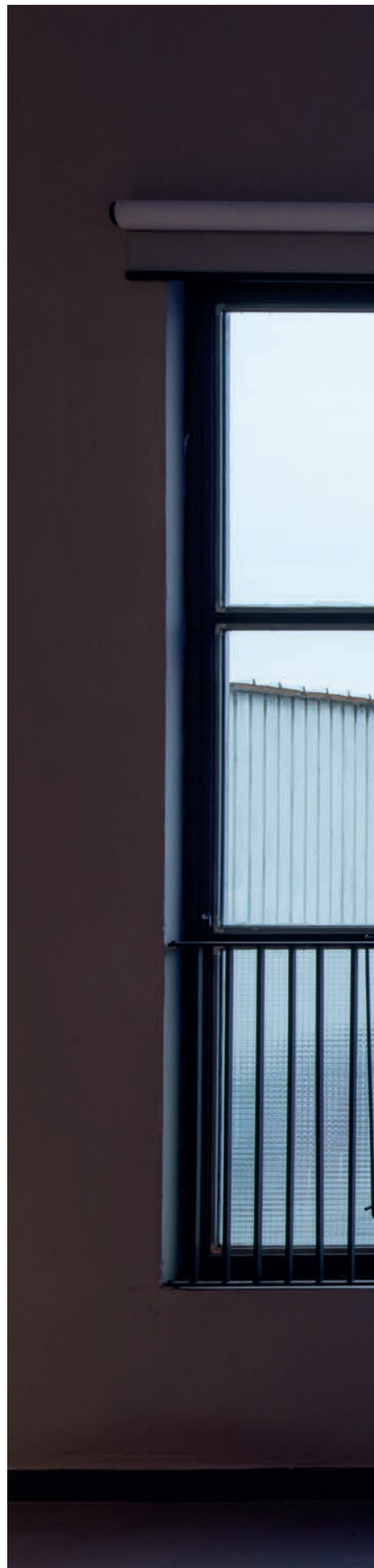


TARGETTI

TARGETTI

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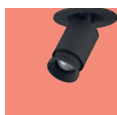
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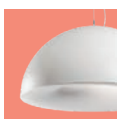


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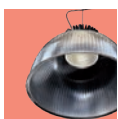
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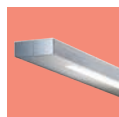
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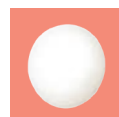
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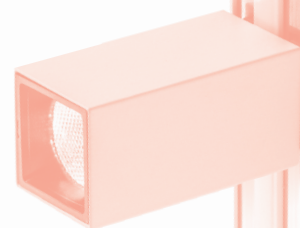
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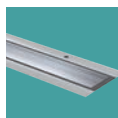
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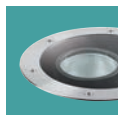


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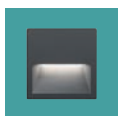


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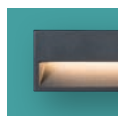


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Targetti guarantees the whole cataphoresis and painting treatment on the entire outdoor collection, which allows the products installation between 5m and 1km from the sea while maintaining the same features and light performances. For more information www.targetti.com



TARGETTI

~~US, TARGETTI:~~
~~A WORKSHOP~~
~~TO LIGHT~~
~~THE WORLD~~

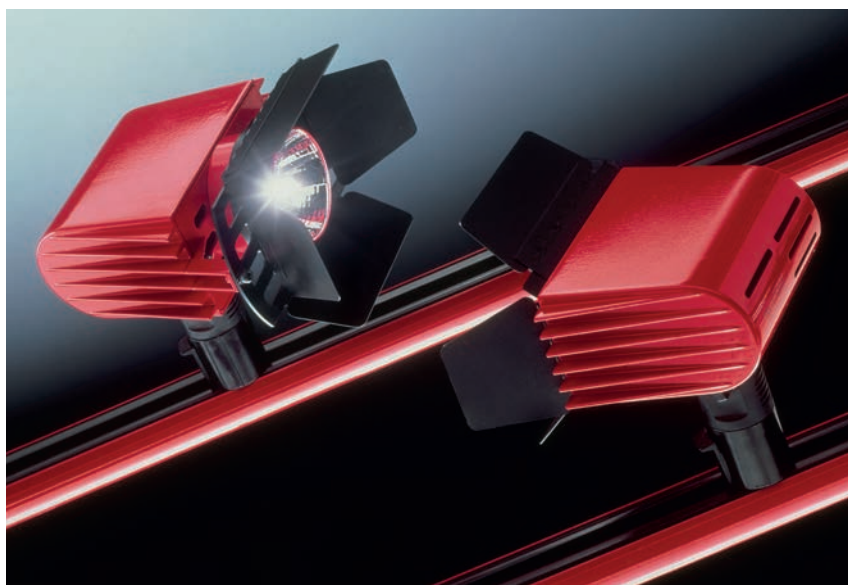
**We started in 1928.
Since then we here at Targetti
have never stopped designing
and creating indoor and
outdoor architectural light
fixtures.**

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 the quality of the environment we live in through our passion for light



Above: STRUCTURA, the first and most copied self-supporting system allowing maximum installation flexibility - Adv campaign - 1982.
 Below: TESTAROSSA, professional projectors for Retail and Museum applications - 1986.



Targetti Light Art Collection - Light work
by Alexandra Statrimirovic - *Girl with ice
ice cream*, 2008.







Targetti Headquarters Florence
New Hub TH01 - 2018.

A grid of white lines on a yellow background, with the text 'OUR IDEAS' centered in the middle.

OUR IDEAS

OUR ESSENTIAL VOCABULARY
WITH THE WORDS WE CANNOT
DO WITHOUT



light

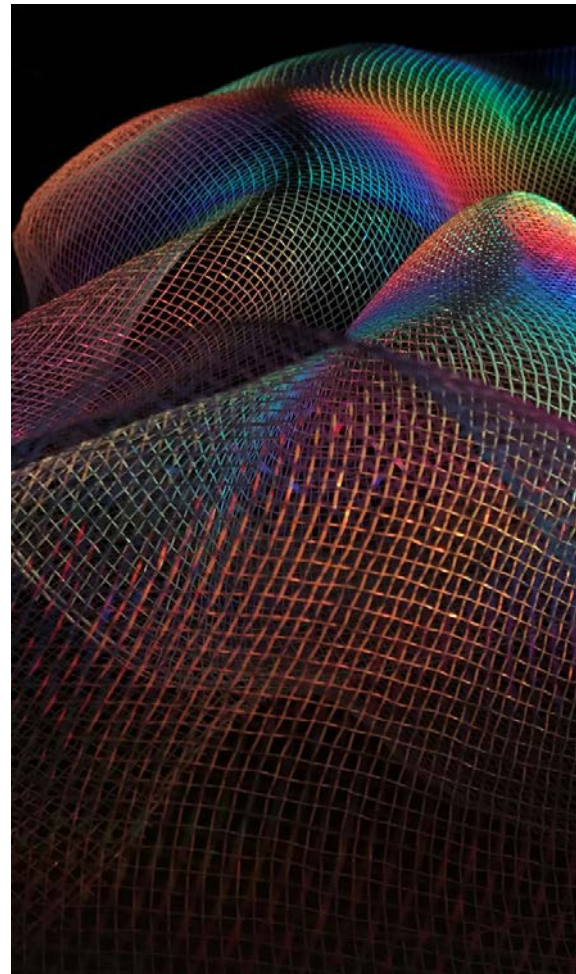
Light is our raw material, an essential tool and the focus of the work we do. An impalpable and magic element that designs shapes and animates spaces. To us its language is technical refinement, scientific precision as well as a feeling, an atmosphere and the possibility to adorn a space with emotions.

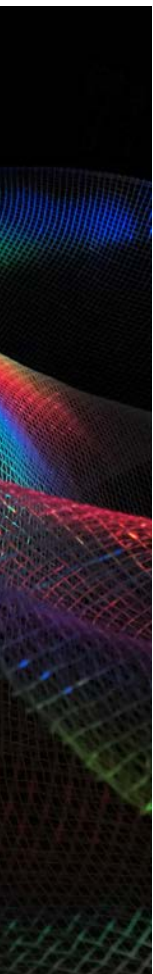
intuition

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 designing new models.

On this pages: Infinitree - Lighting installation
designed for Targetti by DPA Lighting UK
Darc awards London, UK - 2018.









→ **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.



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.



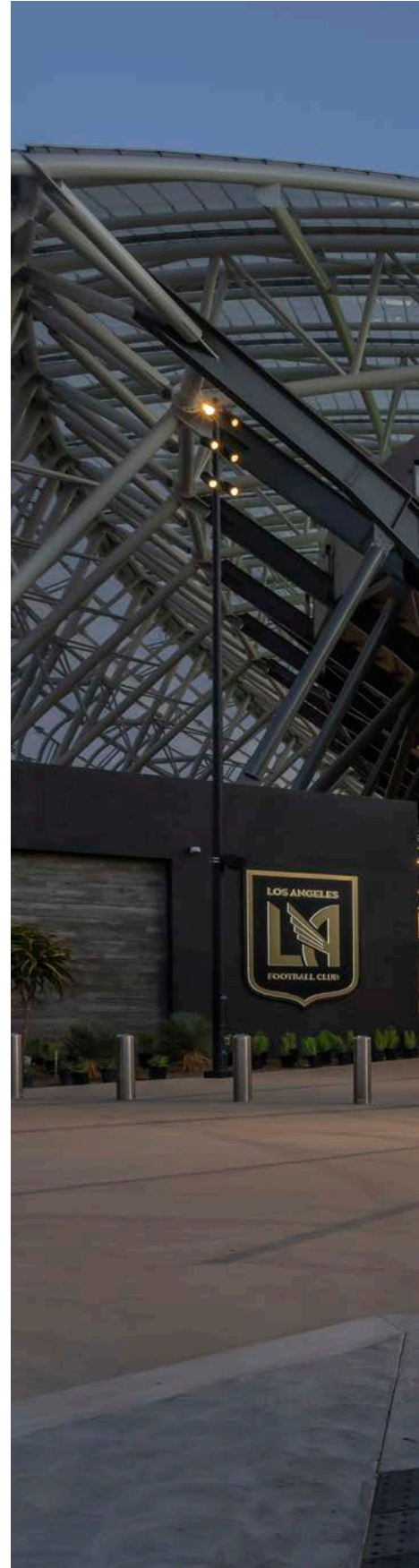


worldwide

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.



At left: Chaoyang Park Plaza Beijing, China - 2017.
At right: Los Angeles Football Club Stadium
Los Angeles, USA - 2018.

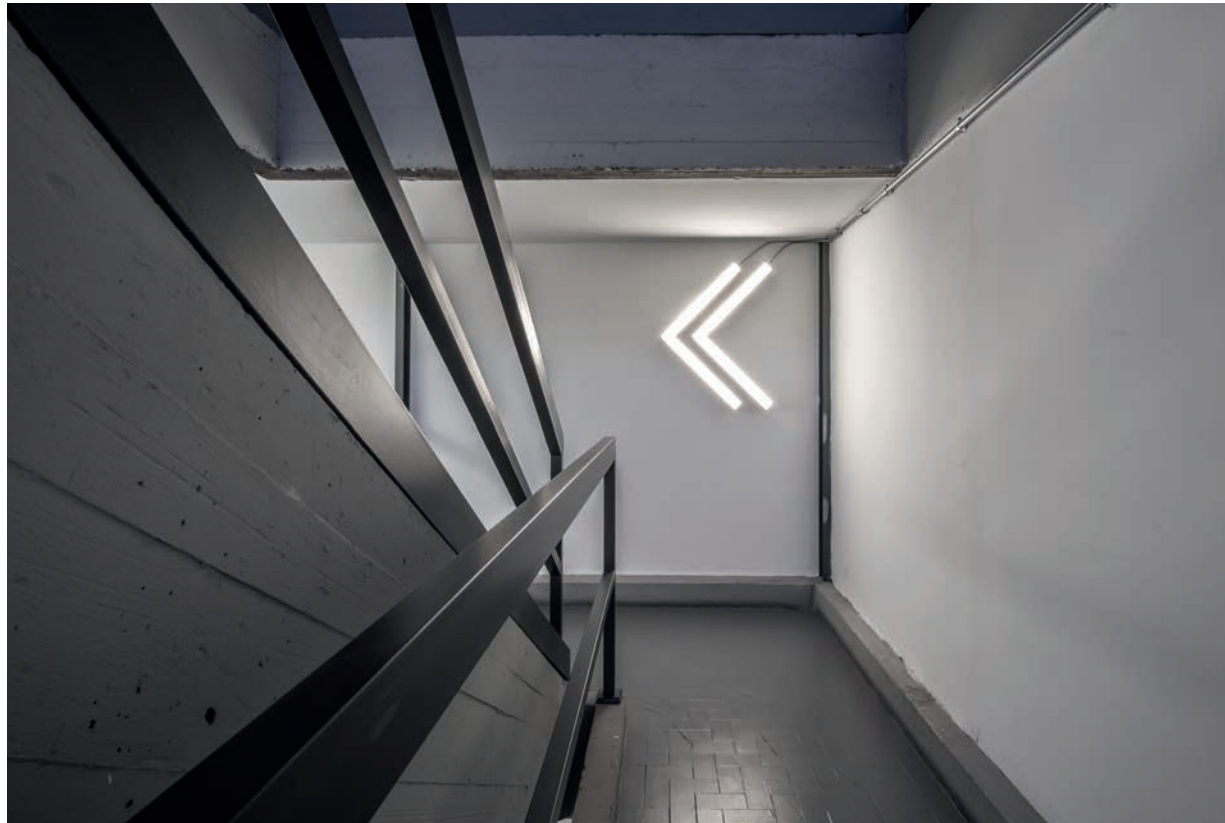




A grid of white lines on a yellow background, with the text 'WE LOVE RESEARCH' centered in the middle.

**WE LOVE
RESEARCH**

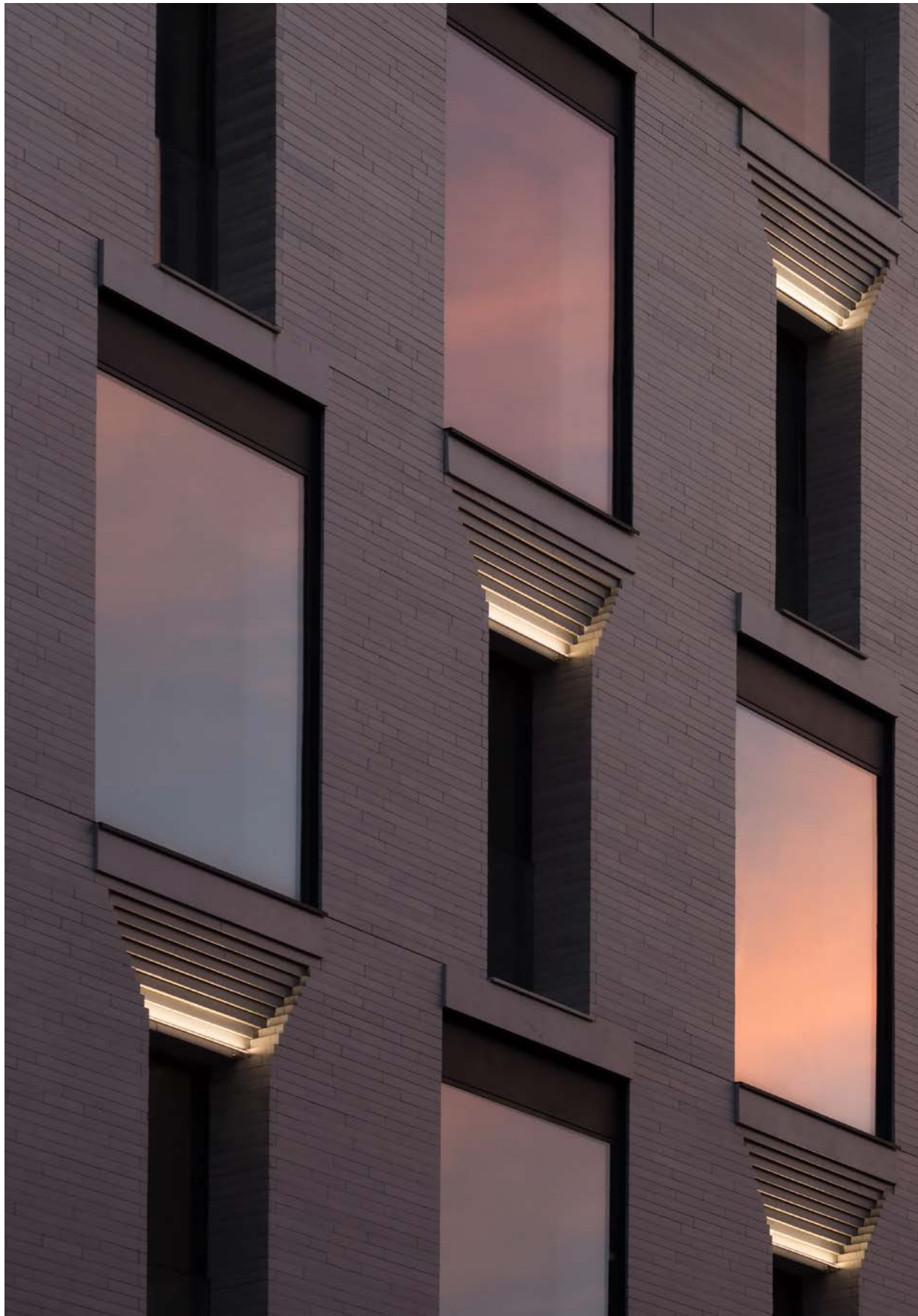
~~THE FLASH OF
INSPIRATION APPEARS
ONLY AFTER TRAVELLING
A LONG WAY.~~

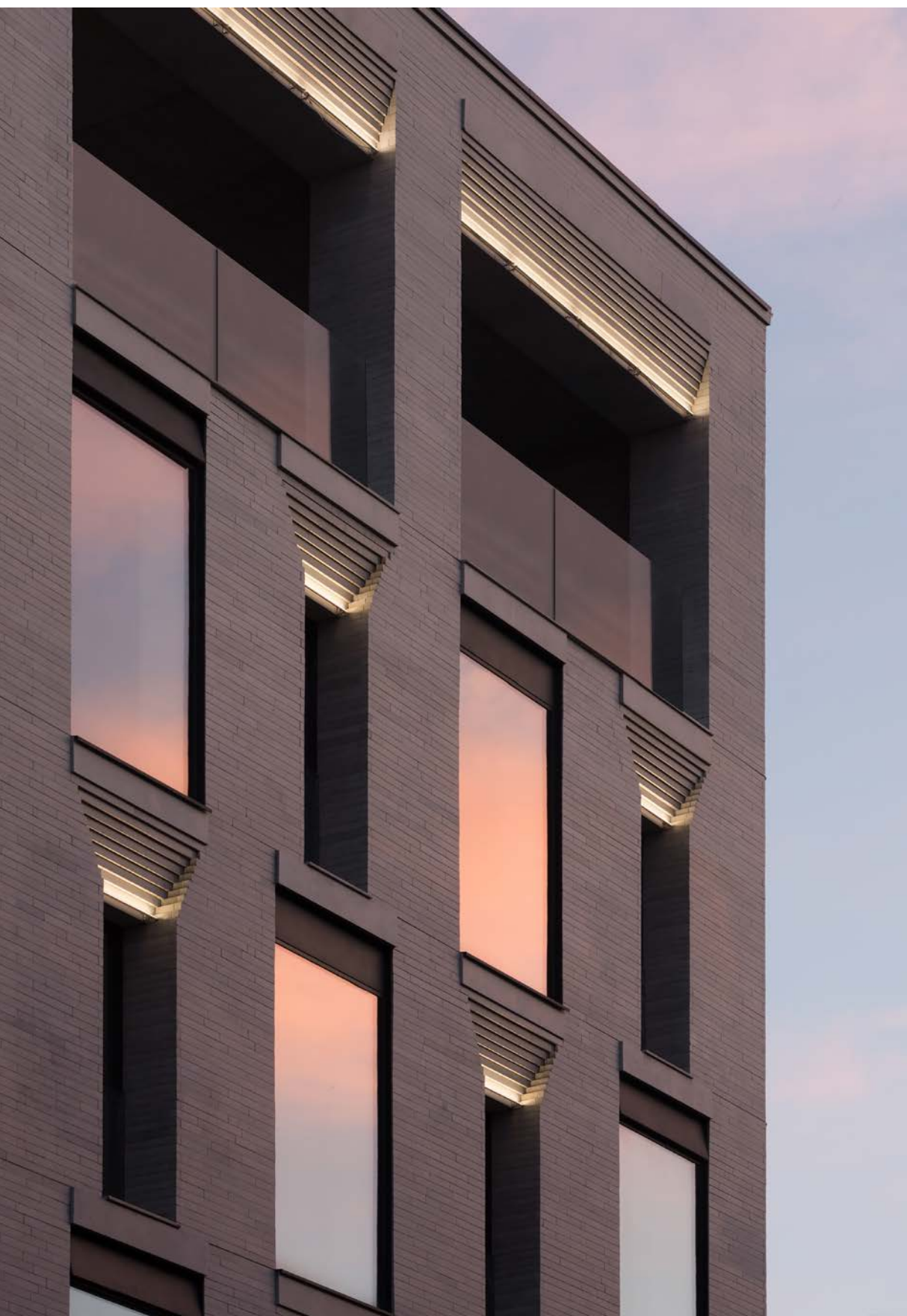


**We are constantly on the
lookout for new ideas.**

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.





TNabokov Clubhouse, Moscow - Russia.

A grid of white lines on a yellow background, with the text 'ALWAYS INNOVATING' centered in the middle.

**ALWAYS
INNOVATING**

DESIRE TO PUSH
THE BOUNDARIES OF
THE IMAGINATION AND
TECHNOLOGY FORWARD



Innovating is a watchword for us.

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.



Above: FEBO EVO Grazing 360°
radial optic - Launch 2018.



ZENO equipped with NSP
indirect optic - Launch 2017.





ZEDGE PRO designed in collaboration
with Gensler - Lauch 2018.



**WE WANT TO
EXPERIMENT**

EMOTIONS AND THE IRRESISTIBLE CHARM OF INVENTING.

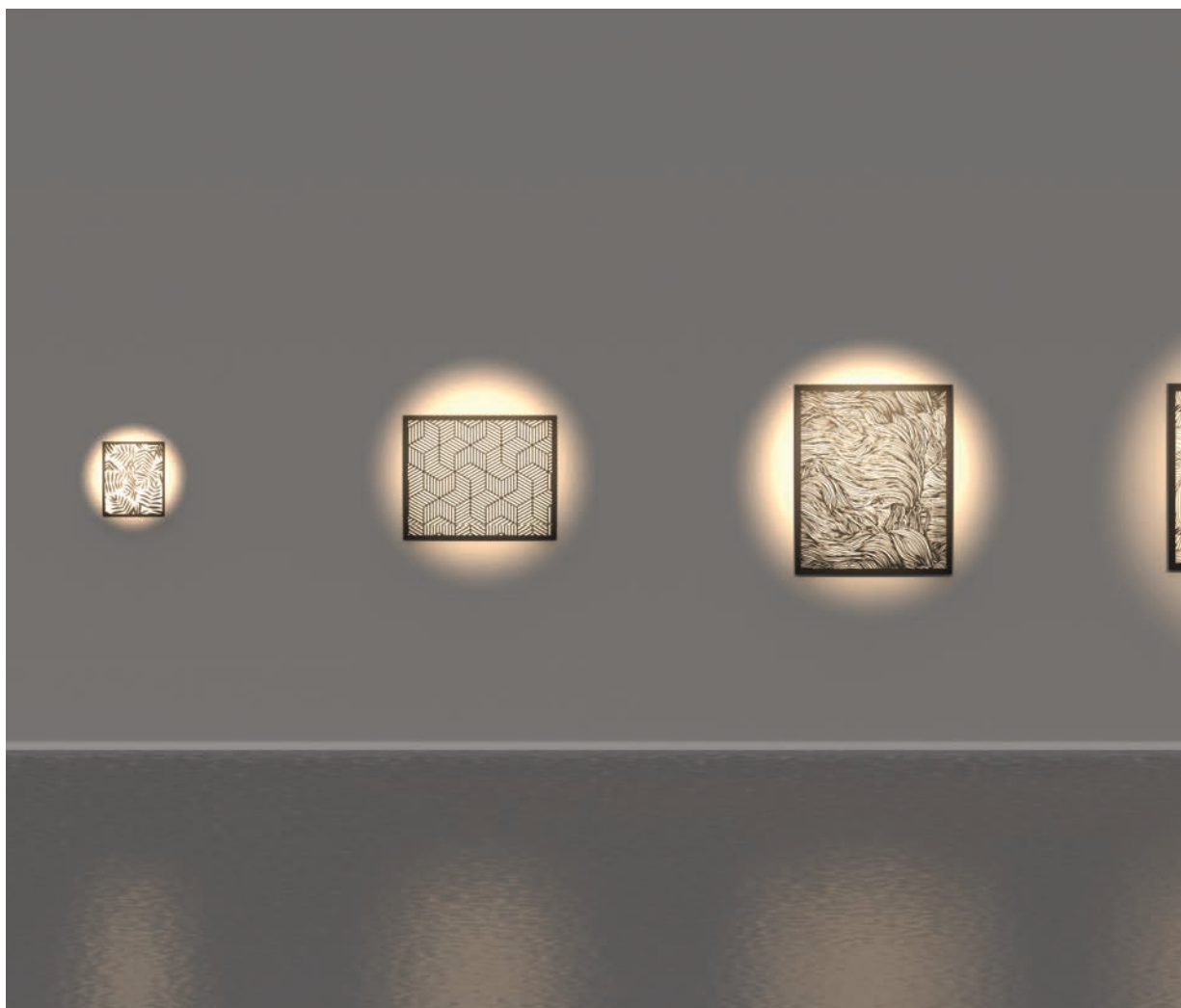
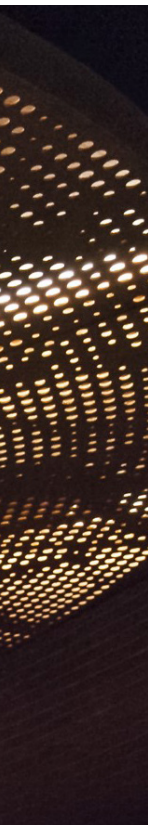


To find impressive solutions without ever giving up takes intuition, courage, enthusiasm and a dash of madness.

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. We are always ready to venture into

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

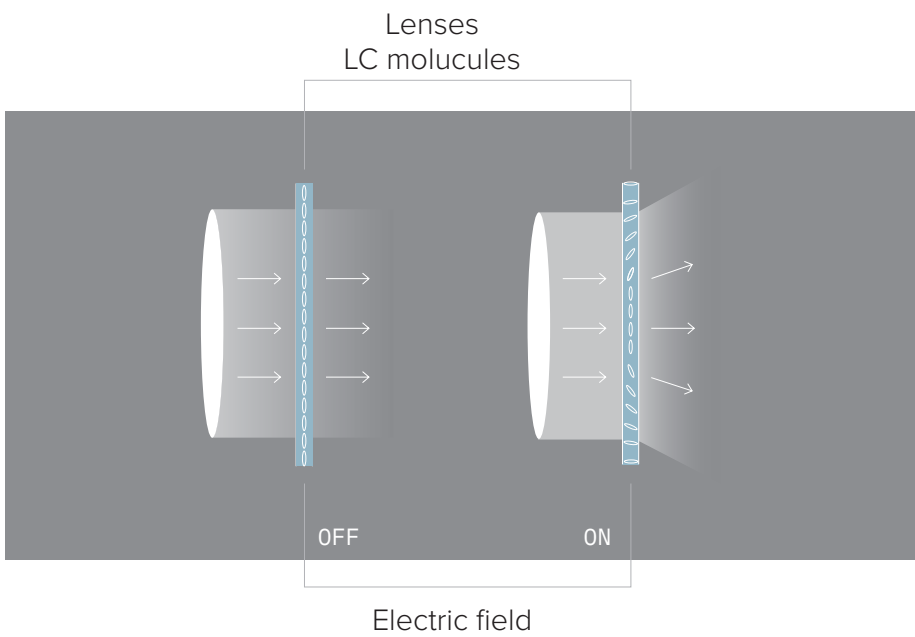
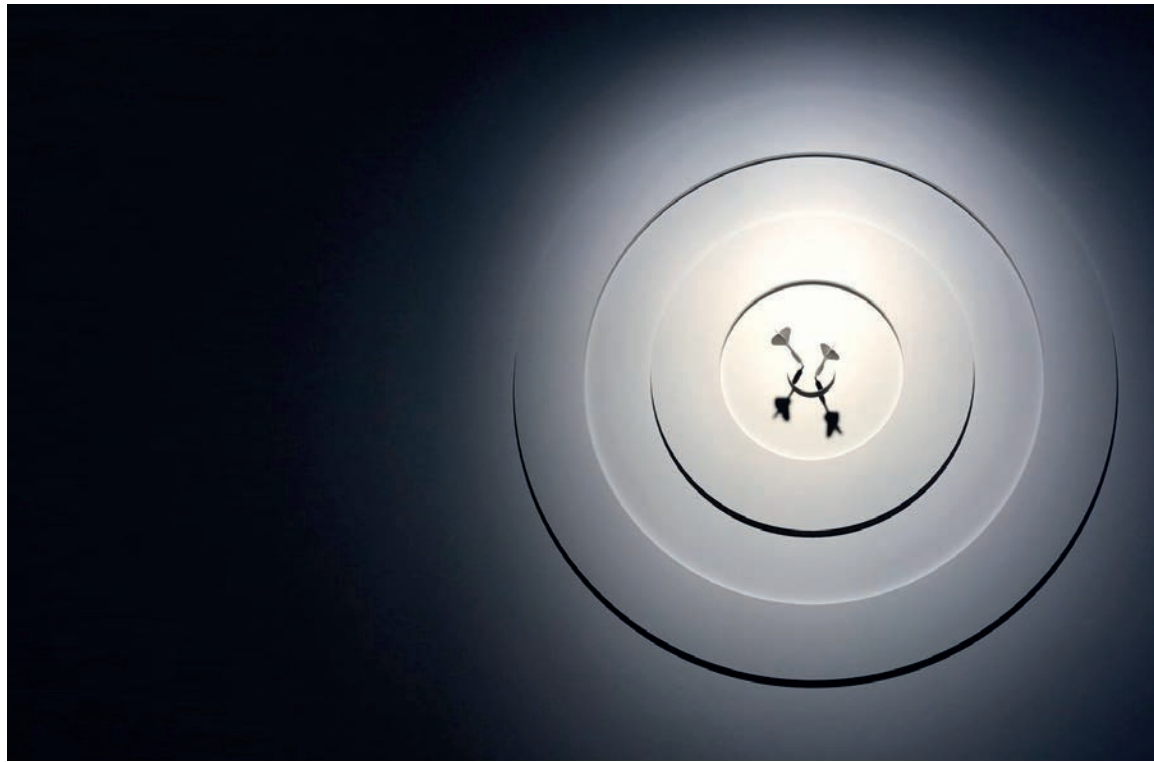
Cantina Briziarelli - Bevagna Perugia , Italy
Architect: studio miidesign
Photographer: Antonino Ciddio
2018



DBS- Digital beam opening control

The Dynamic Beam Shaper (DBS) range started this way, from the desire to give designers a sophisticated yet simple to use tool. 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



LEDO'



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. It 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.

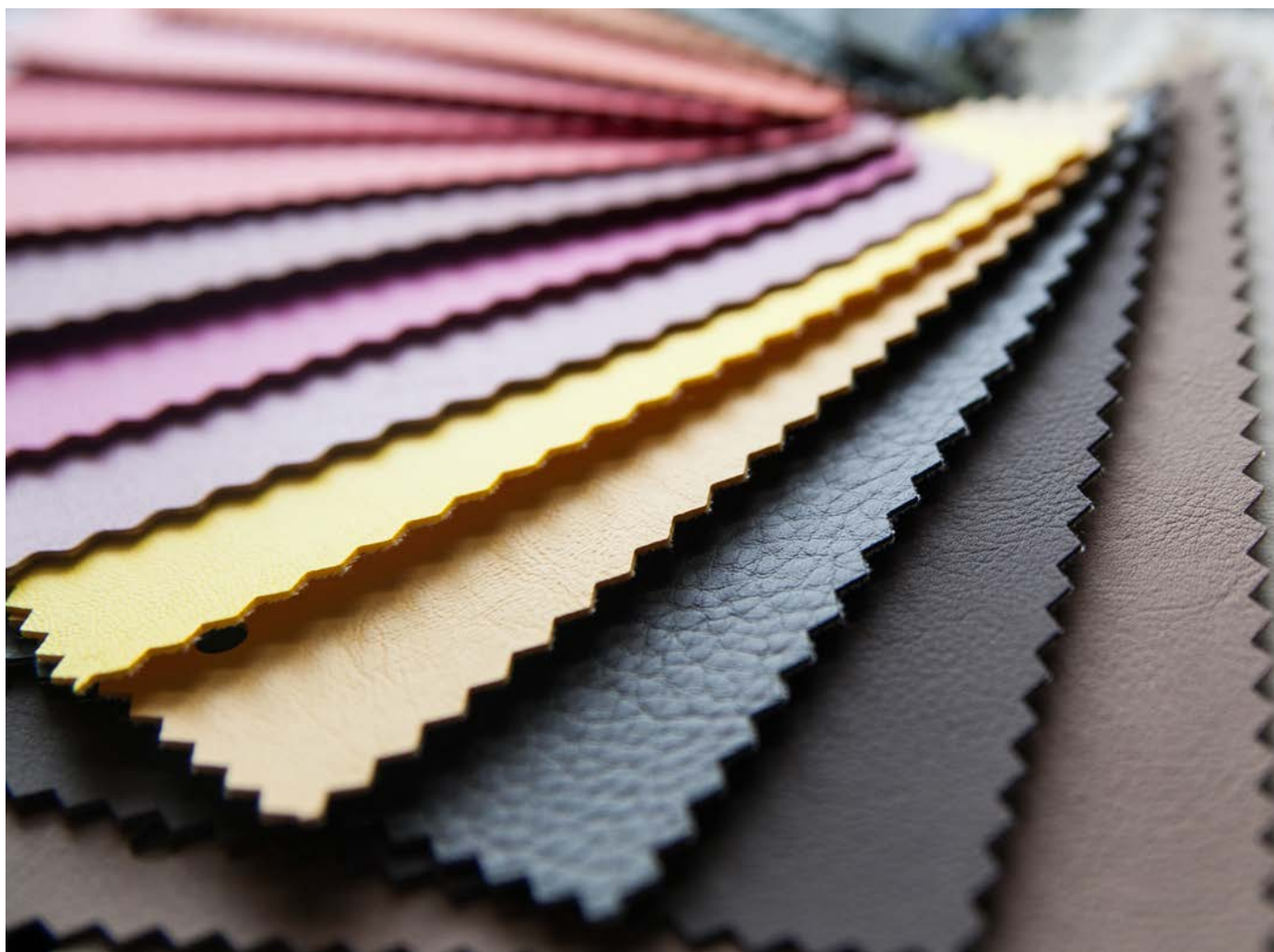
The TONES project started with the touch of madness we are famous for; artificially create the best light for a variety of combinations and colours. A research project more than normal daily work that lasted almost a year, shared with a team of architects from the company Gensler,

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.

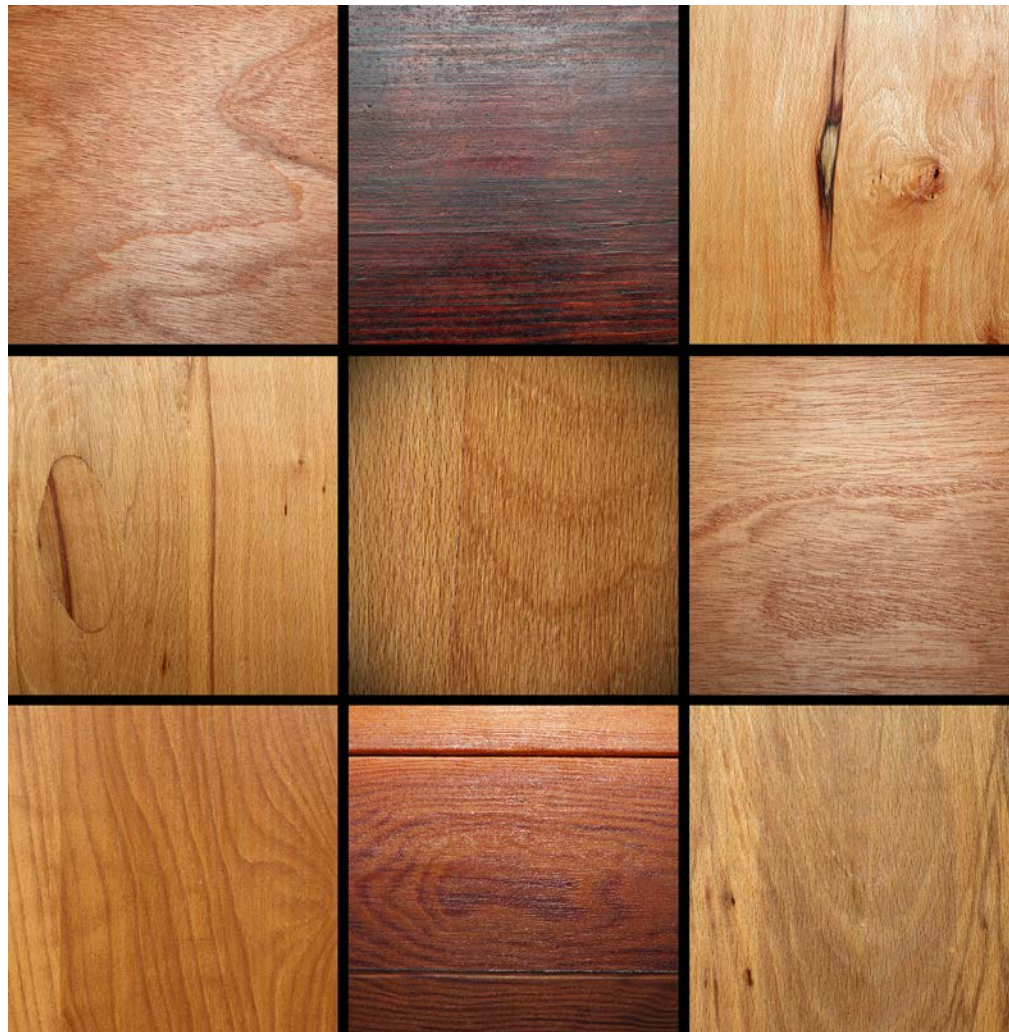
This was all possible to the capacity of a series of LED combinations that as a whole produce different shades of light, all with extremely rich emission spectrums to emphasize different colours.



→ Today the TONES range has seven different shades 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.



A grid of white lines on a yellow background, with the text 'WE DESIGN WITH YOU' centered in the middle.

**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 in production and we create 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.

FIRENZE, PALAZZO VECCHIO, SALONE DEI CINQUECENTO



Lighting the Salone dei Cinquecento seemed quite impossible.

In Italy there is no other space dedicated to civil power that is comparable: it is a unique national symbol besides being priceless. Finding standard fixtures suitable for so many lighting, installation and design variables seemed an unsurmountable challenge. Our technicians worked alongside the lighting designers and the Ministry of

Cultural Heritage, day after day they studied a custom made solution that ensured that the most important hall in the city would become a dynamic, vibrant space: a place for exhibitions to enhance the historical and artistic soul of this great hall and the backdrop for institutional events.





There were many constraints to be respected

Eight custom fixtures positioned on the floor along the perimeter of the hall, sophisticated remote control machines that are capable of accommodating the multiple uses of this singularly unique space. Solutions studied in terms of

optics and the quality of the sources in order to enhance architectural details, colours and the sculptures present in the Salone which manage to reveal hidden details.



Customized lighting system



LOUIS VUITTON FONDATION



An extraordinarily beautiful space dedicated to contemporary art.

We could not ignore the challenge laid down by the French lighting designer Hervé Descottes to light the Louis Vuitton Foundation in Paris, designed by Frank Gehry and inspired by 19th century architectural traditions of glasshouses.

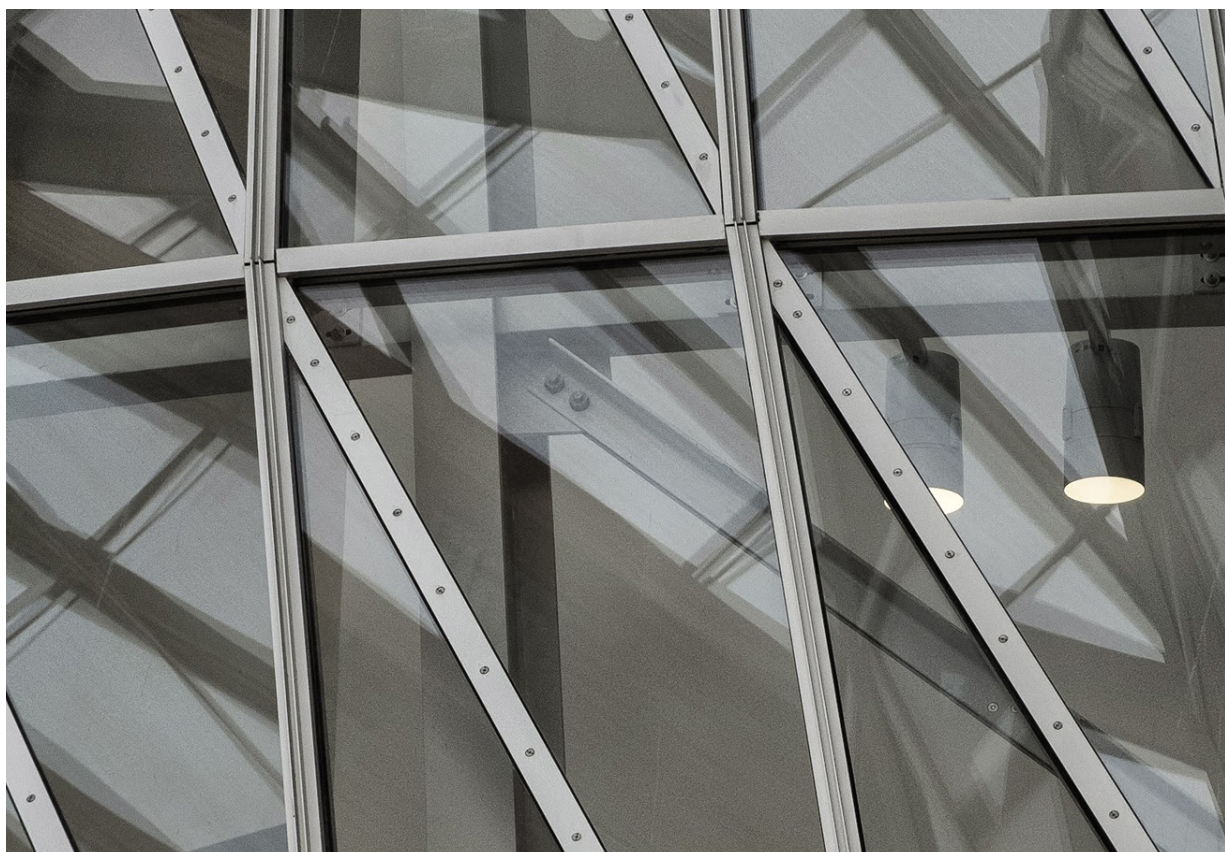
A glass cloud whose transparent sails soar high within the Bois de Boulogne; during the day they seem like an opaque shell, at night they become transparent sails which highlight the architectural details of the building without losing the essence of the vision as a whole.

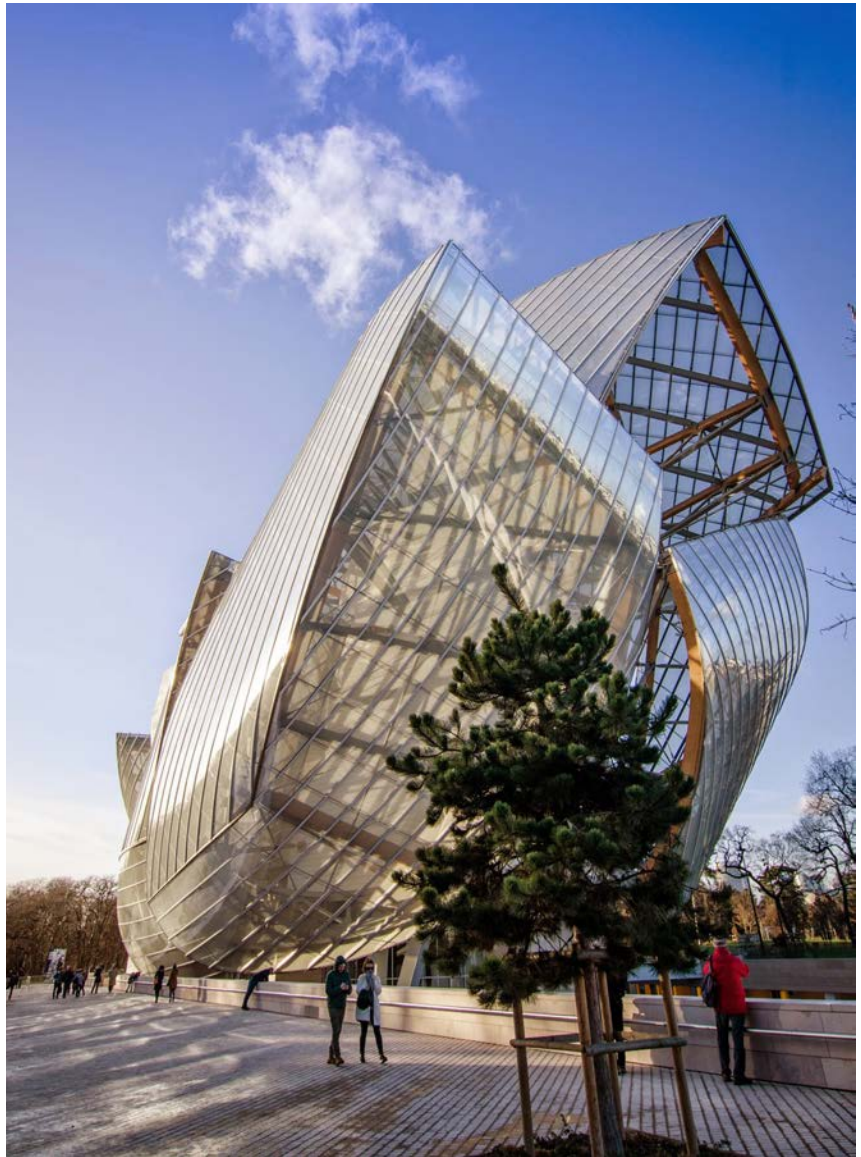
Given the height of the space Descottes chose PYROS, for its simple design, high performance and precision beams. Together with the lighting designer we designed a special fastening system to install the projectors on a metal structure that could be attached to the circular wooden beams. A kind of scenic bar to which four projectors could be attached to.

It was a great privilege for Targetti to have worked on providing a night soul to this extraordinary meeting place for artists and visitors from all over the world.









A grid of white lines on a yellow background, with the text 'WE DESIGN LIGHT' centered in the middle.

**WE
DESIGN LIGHT**

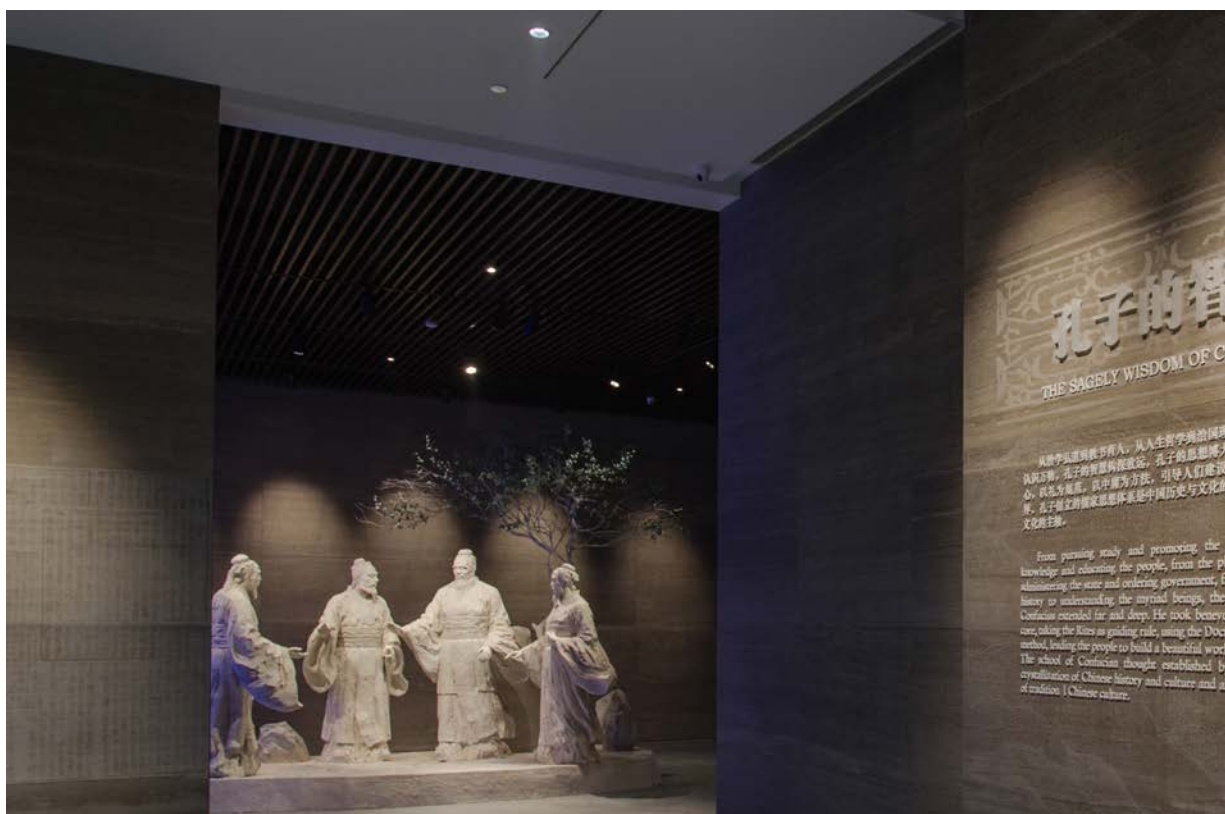
A TASTE FOR DISTINGUISHING NUANCES



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 shapes, 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 complicated problem brilliantly.



Every project and every space needs the right light.

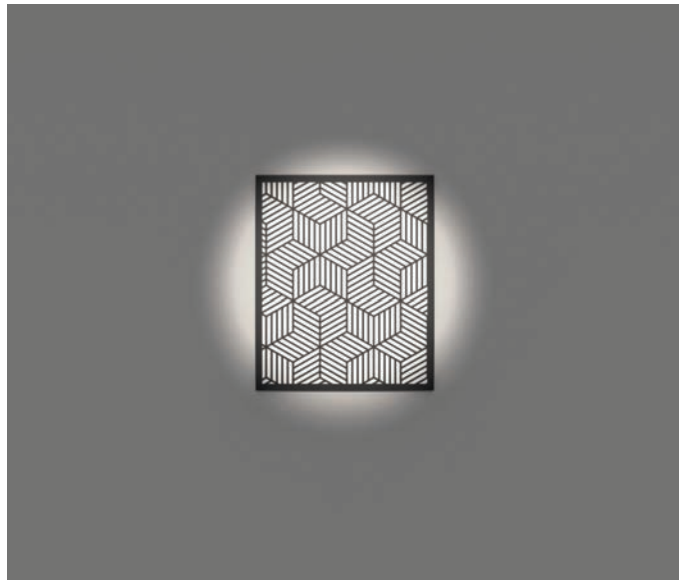
We do this by designing optics, looking for new reflections and adding nuances and shades. Today lighting does not just mean light and shade rather it is the art of adding weight or lightness to the myriad of nuances that separate them. This is why we have created a wide range of optics that add different – more significant – weight to nuances.

At first glance it could seem that a museum or shop need to be treated similarly: the same concentrated light that helps to focus attention towards objects. Yet if in a museum perfect,

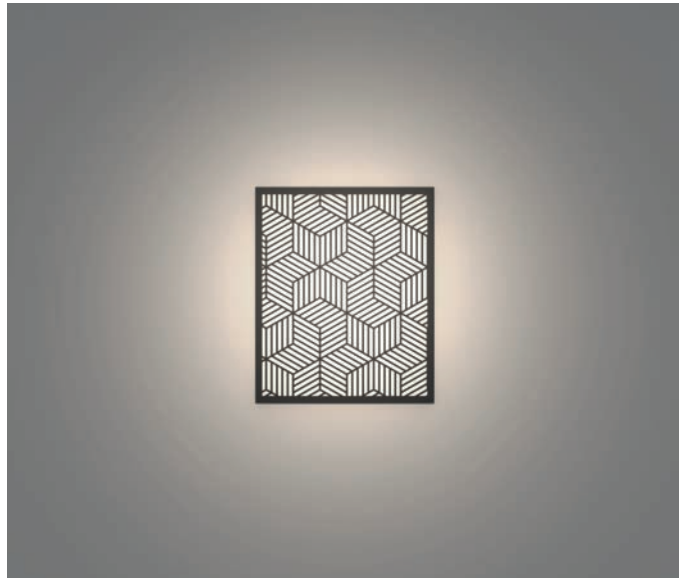
precise beams without any blurred edges and clean light to focus on the works on display are favoured, a shop uses softer gradient tones to attract people's attention without creating sharp boundaries and without favouring one product more than another. This was the reason behind the idea of creating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



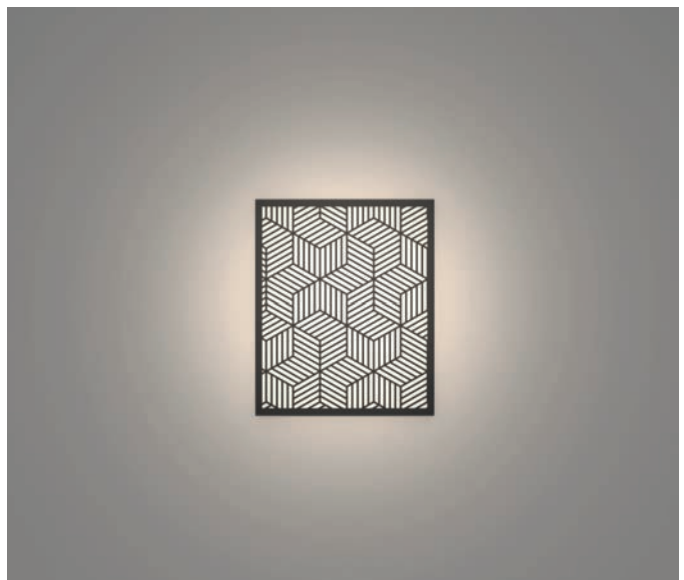
LENTICULAR OPTIC - SPOT



HYBRID OPTIC - SPOT



REFLECTOR OPTIC - SPOT





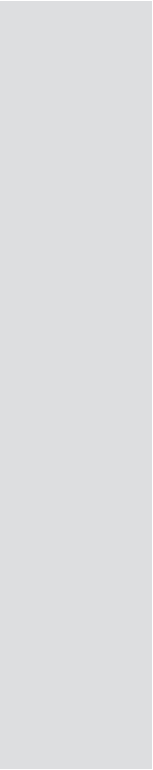
ZENO NSP

Indirect Optics

These are used to light objects from a great distance (4/6 metres) with a very, clean and precise narrow beam (up to 6°). They exploit a classic lighting principle: a pure parabolic reflector lit by a lamp that is turned backwards towards the reflector and completely hidden from view.

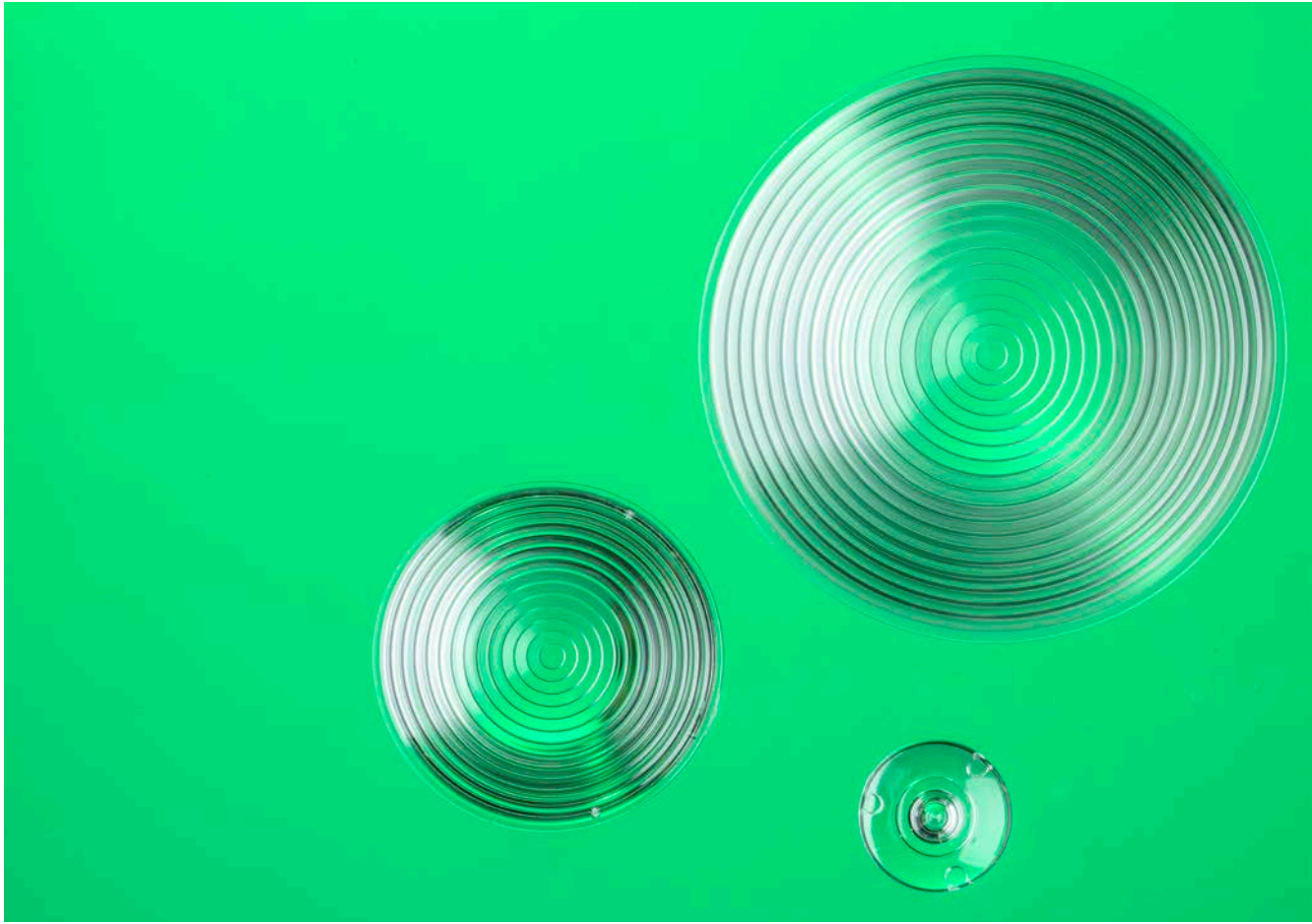
Using a powerful state of the art COB module placed in focus of a mirror reflector resulted in having to design unusual solutions to allow for proper

heat dissipation on one hand, and to minimise the shadow created in the beam by the lamp itself on the other hand. Thanks to a complex heat-pipe system - usually used in micro-computers that can transfer large quantities of heat through very small sections - the lamp can work at an ideal temperature to ensure long life and maximum efficiency.



Narrow spot optic effect





Spot Optic effect





ZENO SMALL

Lenticular Optics

These are the most sophisticated. Small in size with very high quality materials and particular shapes. They are used widely in museums to obtain perfect and defined light beams.

From a technical point of view it is said that they allow to collimate the beams and to “cut” all the indirect emission components. Generally they are used to create precise beams where both performance and precision are essential requirements, at the cost of slightly sacrificing performance, for example in

museum environments. They include optics made with different lens shapes and materials depending on the type of LED lamp, whether a single or linear module. They also include “plano-convex” optical glass - from the best Italian tradition, Fresnel lenses printed in noble plastic materials or innovative transparent cylindrical rods.



DART MEDIUM

Hybrid Optics

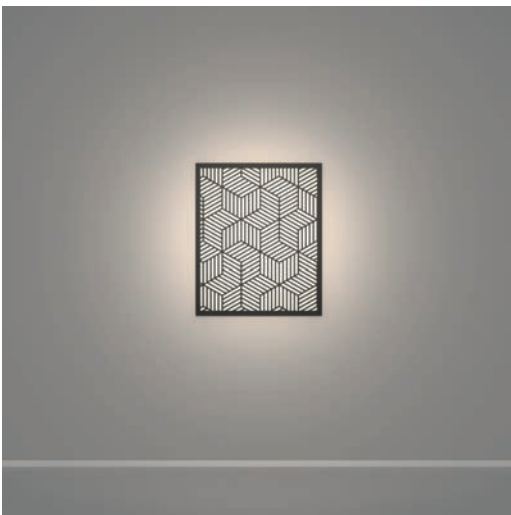
They represent the best compromise between efficiency and beam definition. In practice a scenographic light with optimum performance.

Based on the combined use of reflectors and lenses they combine the advantages of two light control methods.

High efficiency and clean beams for well collimated beams that are completely free from fall-off halos, which is a normal effect of light that is not controlled in optics with a simple reflector. Inside

a classic faceted reflector a frame is inserted which positions one or more optical glass lenses in front of the lamp: while the reflector controls the periphery of the beam, the lenses manage its central part separately, the part that normally escapes out of control. Cancelling “spurious” light is combined with flux recovery and an increase in intensity inside the beam.

Spot Optic effect





Reflector Optics

They ensure the best performance in terms of energy saving and come in all beam openings – from the narrowest to the widest – and allow for perfect mixing with soft wide tones between light and shade. These characteristics make them more suitable for retail and hospitality environments. They are made from high vacuum metallised plastic protected with a Scratch Proof Formula or from polished anodised pure

aluminium. Their high reflectance always ensures high optical efficiency. Profiles designed with the best simulation software with ellipsoidal convex facets generate various beam angles with an optimal light mix. A precise and enveloping light at the same time.

Spot optic effect



LABEL 230V





Wall washer effect



CCTLED DOWNLIGHT

What makes them unique is their ability to direct the beam right up to the top of the surface making the “attachment” of the light imperceptible.

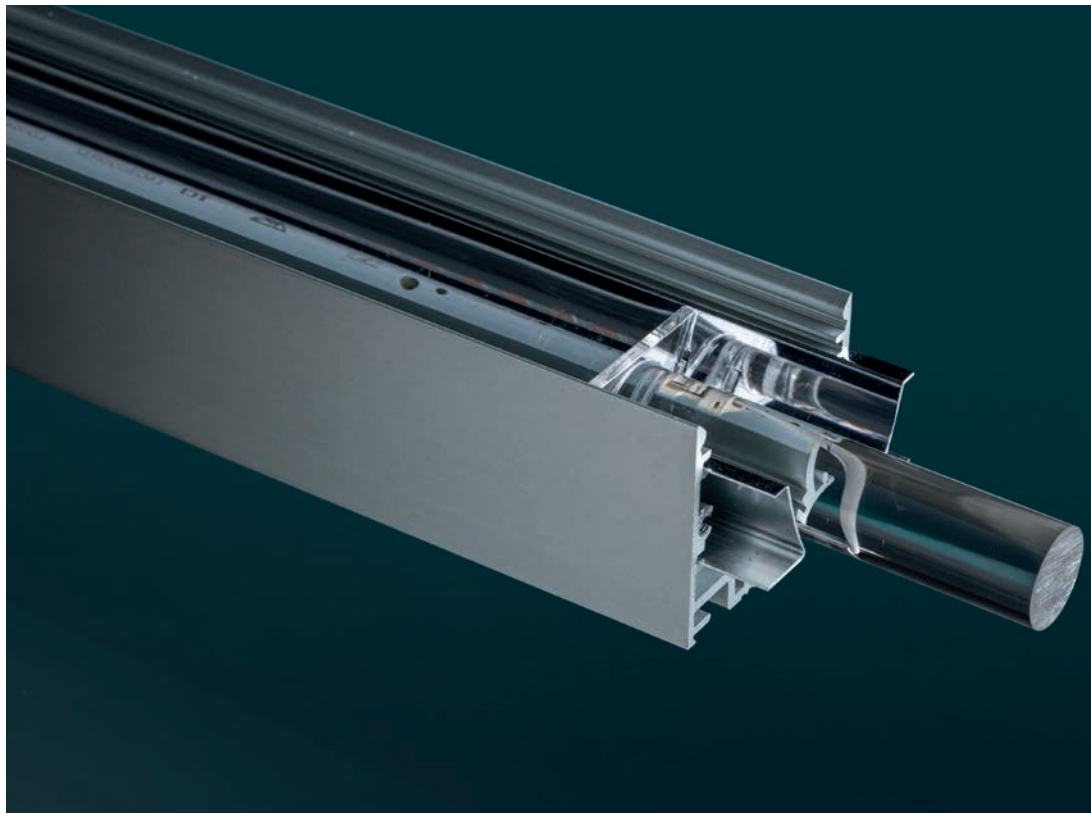
Wall Washer Optics

Wall Washer optics are perfect for lighting vertical surfaces in a completely uniform way without any particular emphasis. They do not create any visual hierarchies and thus give the impression of more space.

From an optical design point of view they are extremely complex: producing a real Wall Washer is not easy. It is an asymmetrical optic that follows the canonical 3:1 ratio, i.e. it can light a height of 3 metres uniformly from a distance of 1 metre ensuring excellent uniformity even horizontally with long

distances between fixtures.

Our Wall Washer reflectors have complex and innovative shapes. Often they are not made of one single piece but of various components assembled together. Some reflectors are made of metallised plastic, others of reflective aluminium or – in the case of linear fixtures – of extruded lenses. What makes them unique is their ability to direct the beam right up to the top of the surface making the “attachment” of the light imperceptible.



Grazing Optics

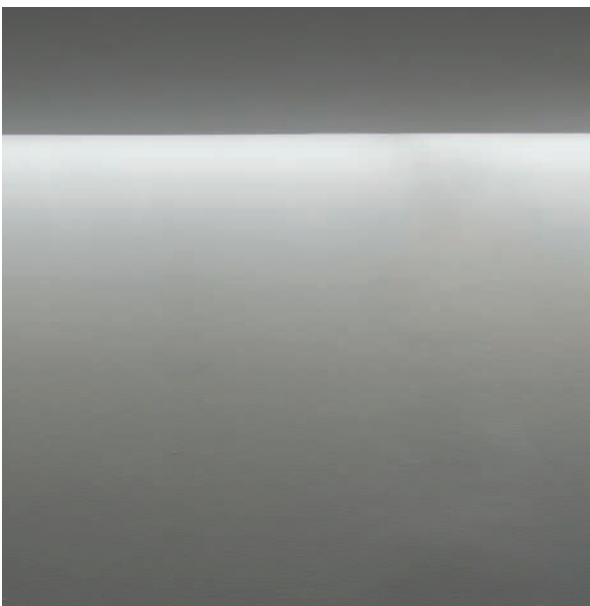
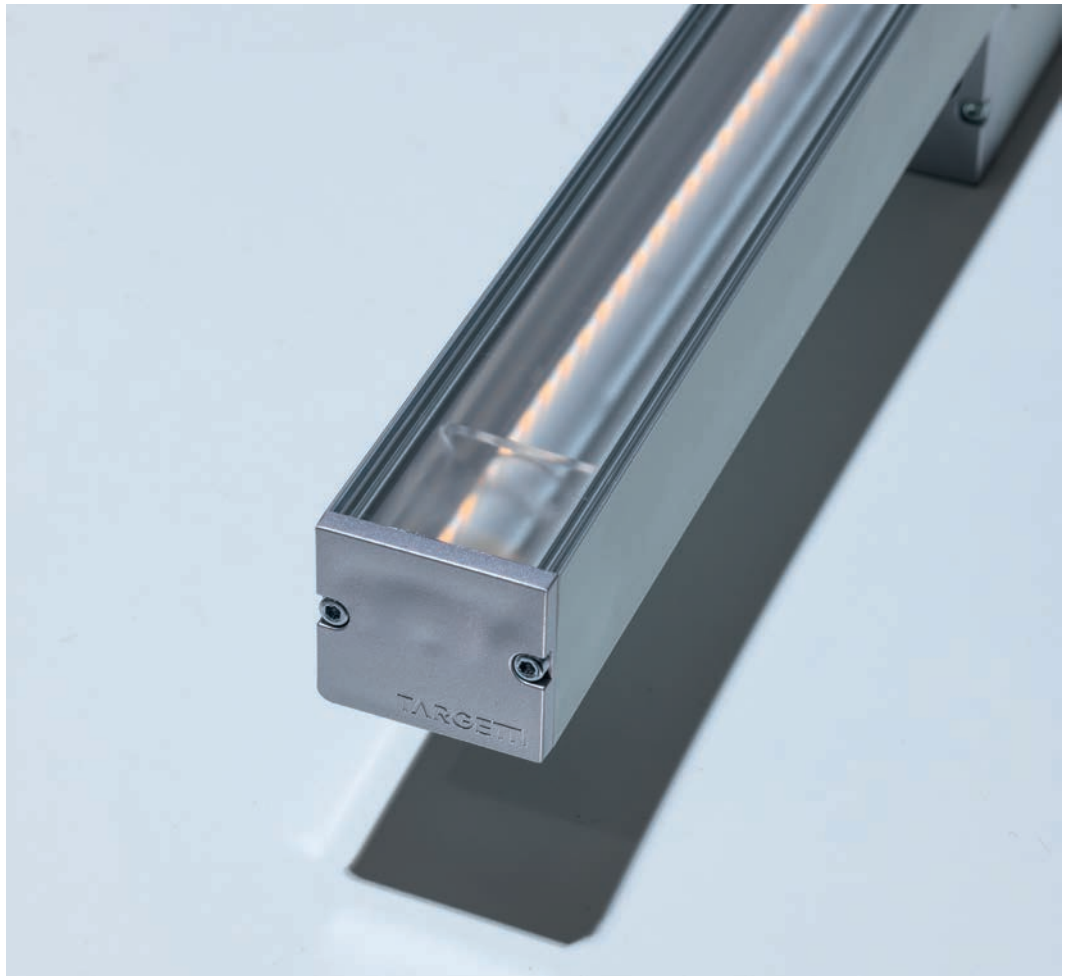
Grazing lighting is a kind of light used to enhance vertical surfaces in a uniform way with a gradient tone that moves away from the emitting source softly and is suitable for linear fixtures.

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.

JEDI COMPACT



Grazing Effect

A grid of white lines on a yellow background, with the text 'LIGHT IS COLOUR' centered in the middle.

**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.

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 lamps 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 lamp 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.

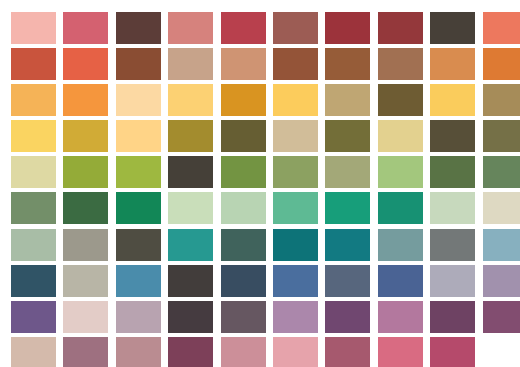
777 Aviation Boulevard - El Segundo, CA
Architect: Skidmore, Owings & Merrill LLP
Lighting Design: HLB
Photographer: © Skidmore, Owings & Merrill LLP | Fotoworks/
Benny Chan.

When choosing a lamp we take all parameters that identify it into consideration

Performance and quality parameters. Among which is TM30, a new method to evaluate the colour rendering of a light source which is more reliable than Ra because it is based on the comparison of the colour rendering of 99 "colour patches". The other parameter that is of fundamental importance to us when choosing a light source is Colour Tolerance, i.e. the colour characteristics of light highlighted by Mac Adam Steps.

All Targetti fixtures are equipped with LED sources with at least 2 Mac Adam Steps.

- **Efficacy**
- **Life span**
- **Colour rendering** identified using the Ra colour rendering index and the **new TM-30** method using two different values: **Rf** and **Rg**.
- **Colour consistency**: SDCM (Steps Mac Adam)

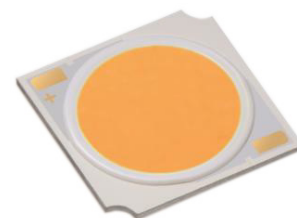


TM-30 Colour Range

These are the LED lamps and 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: **2700K - 3000K - 3500K - 4000K**

Efficacy: **100 - 150 lm/W**

Colour rendering: **Ra84 - Ra92 - Ra97**

Colour consistency: **2 SDCM (Steps MacAdam)**

To help read the data it is possible to refer to the guide on page 694

LED COB Ra84 2700K

SOURCE
2700 K

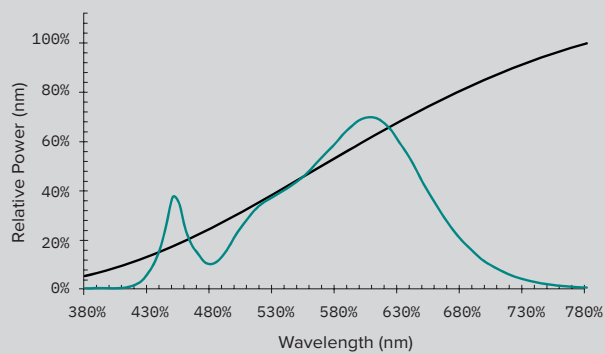
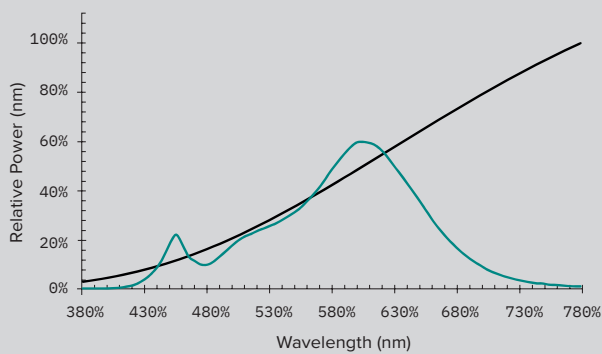
R_f	84
R_g	95
CCT (K)	2714
D_{uv}	0,0000
x	0,4587
y	0,4102
CIE R_a	82,9
CIE $R9$	6,5

LED COB Ra84 3000K

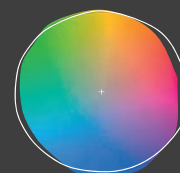
SOURCE
3000 K

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



COLOR DISTORTION GRAPHIC



LED COB Ra85 4000K

SOURCE
4000 K

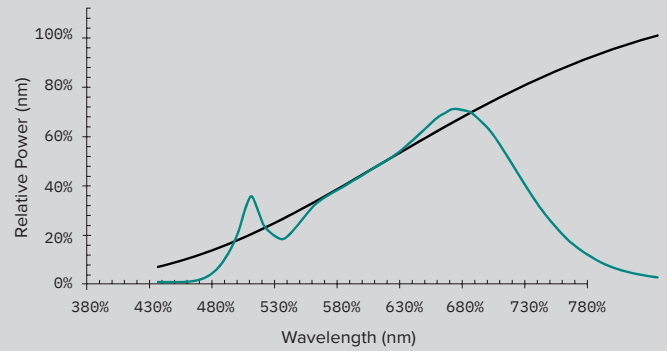
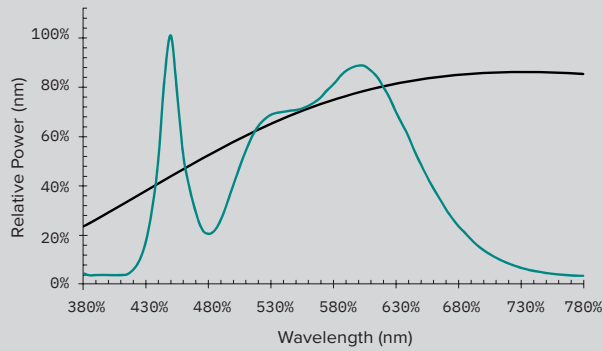
R_f	83
R_g	99
CCT (K)	3958
D_{uv}	0,0000
x	0,3823
y	0,3780
CIE R_a	85,2
CIE $R9$	20,9

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



COLOR DISTORTION GRAPHIC



LED COB Ra90 4000K

SOURCE
4000 K

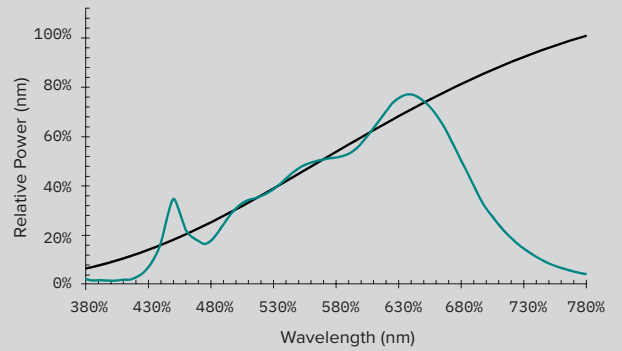
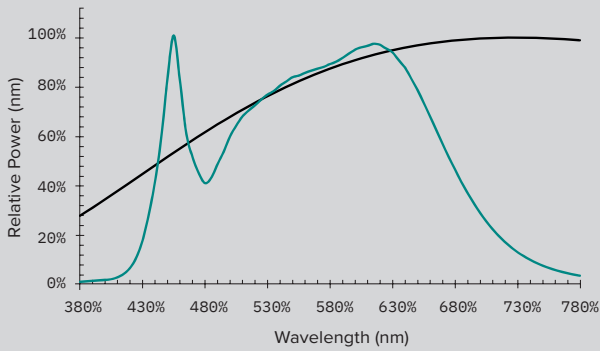
R_f	90
R_g	98
CCT (K)	3980
D_{uv}	0,0011
x	0,3821
y	0,3800
CIE R_a	93,5
CIE R_9	66,4

LED COB Ra97 3000K

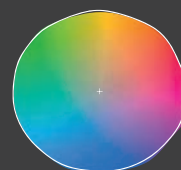
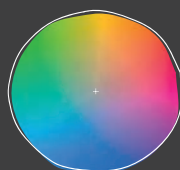
SOURCE
3000 K

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 R_9	97,8

SPECTRAL POWER DISTRIBUTION COMPARISON



COLOR DISTORTION GRAPHIC



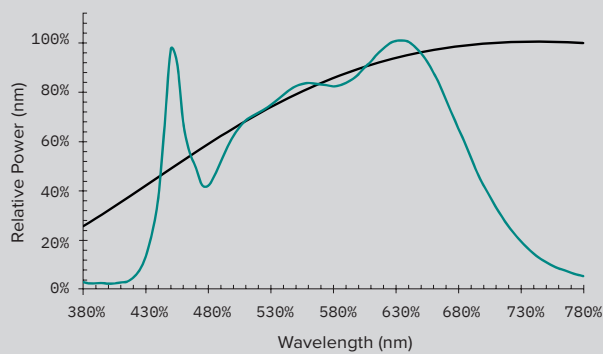
LED COB

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 R_9	99,2

SPECTRAL POWER DISTRIBUTION COMPARISON



COLOR DISTORTION GRAPHIC



Mid power LED

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: **2700K - 3000K - 3500K - 4000K**

Efficiency: **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.

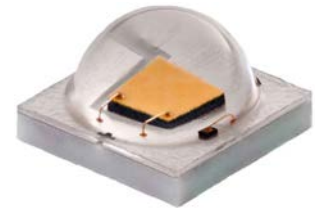
Colour temperature: **2700K - 3000K - 3500K - 4000K**

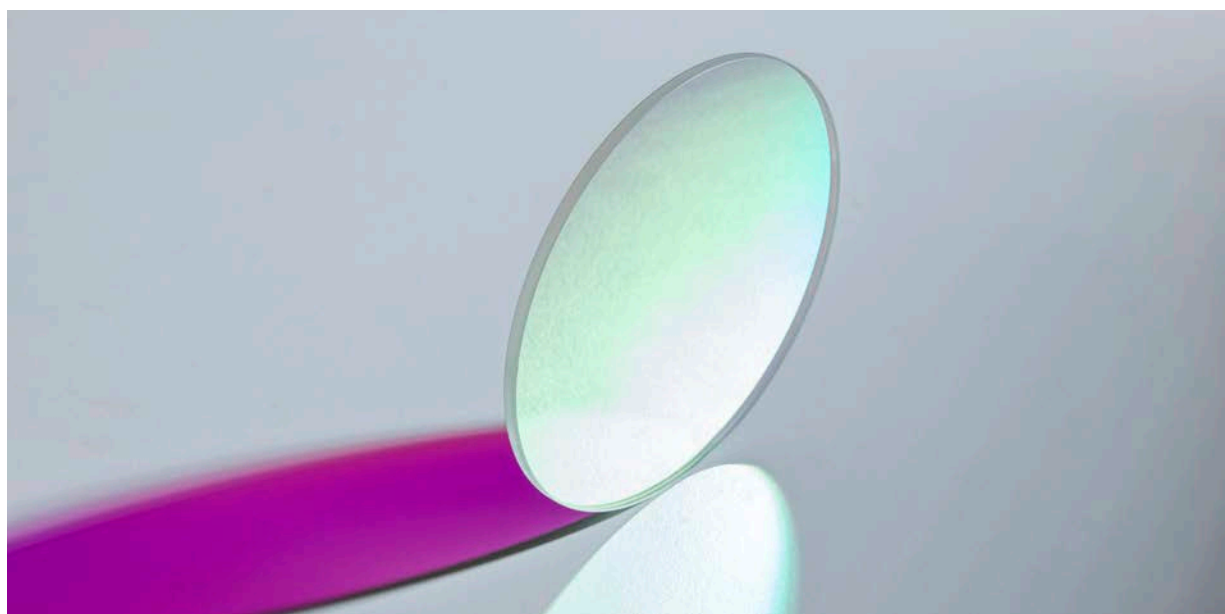
Efficacy: **100 - 150 lm/W**

Colour rendering: **Ra 84 - Ra92**

Colour consistency: **3 SDCM (Steps MacAdam)**

2 SDCM (Steps MacAdam) on request





**We believe
in the importance
of original colours so much
that we set up an internal
department designing and
producing dichroic filters
specially designed for LED
lamps.**

Starting with any LED source it is possible to make an infinite number of filters that can modify the colour temperature, the colour metric coordinates and improve the colour rendering of the light emitted.

With this tool Lighting Designers can finally calibrate light according to their requirements, standardise different lamps or simply optimise the chromatic quality.

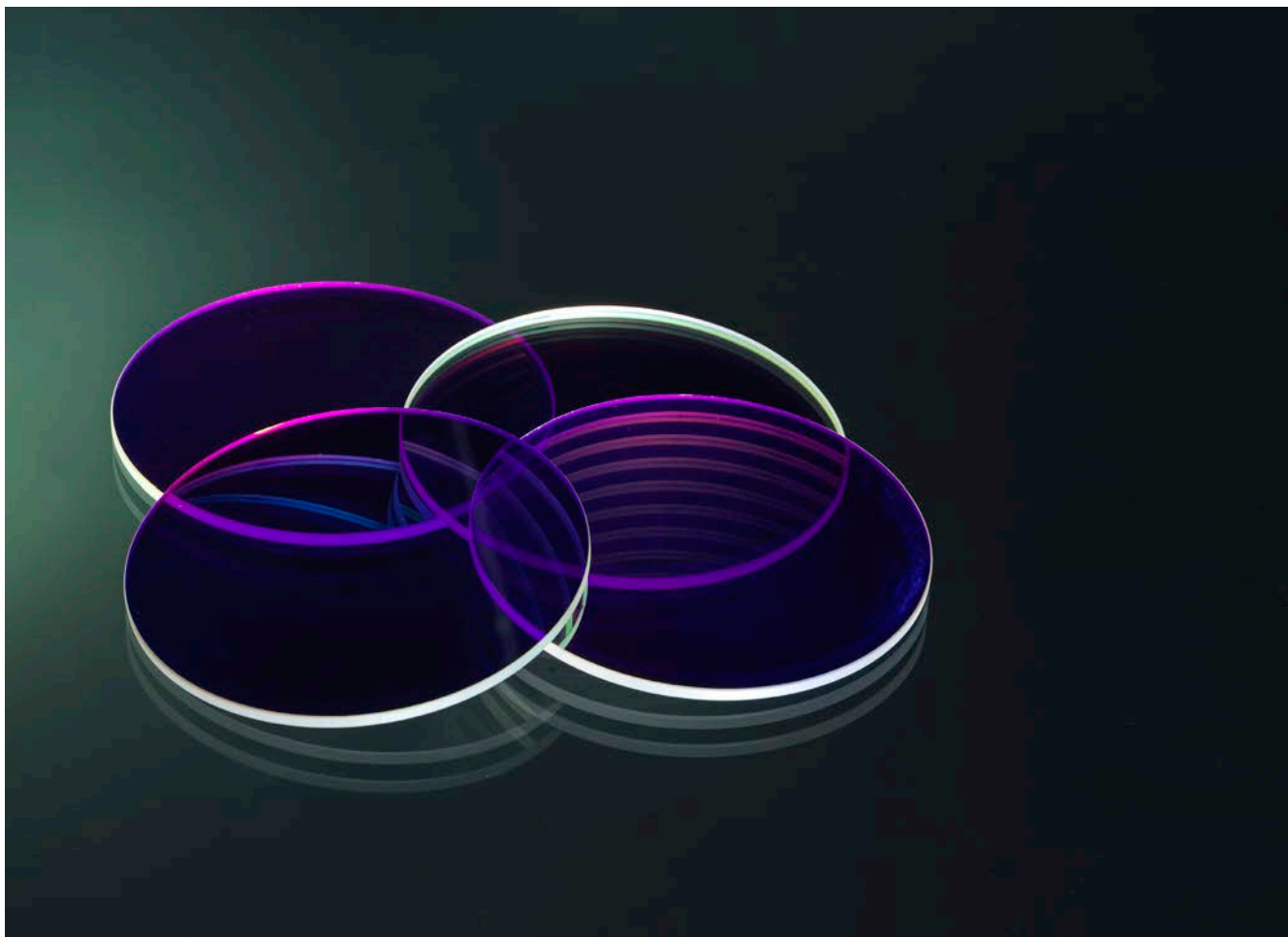
It is an extremely "tailored" light.

Proprietary software makes it possible to carry out the entire design and simulation process numerically and with the utmost precision.

Every filter is accompanied by a sort of identity document that identifies it and describes the colour metric coordinates xy , the colour rendering, all the CRI patches from R1 to R15, colour

temperature, Duv, QCS, Gamut and CIE Lab.

In addition to producing any kind of custom made filter, we have already created a series of standard filters that are already calibrated on the lamps fitted on our fixtures in order to enhance the chromatic quality of the light.



ART FILTER



→ **The experience we have gained over the years lighting important museums all over the world**

has made it possible to develop two different filters that are designed to enhance exhibition spaces where the chromatic quality of the light emitted

is an essential parameter. Starting from a 3000K Ra>80 LED source we recommend to use two very different filters.

Halogen+

The light emitted appears very hot to simulate traditional 2700K halogen lamps with Ra90.

SOURCE

3000 K > HALO+

R_f	90
R_g	106
CCT (K)	2748
D_{uv}	-0,0052
x	0,4474
y	0,3940
CIE R_a	95,6
CIE $R9$	86,7

Vivid+

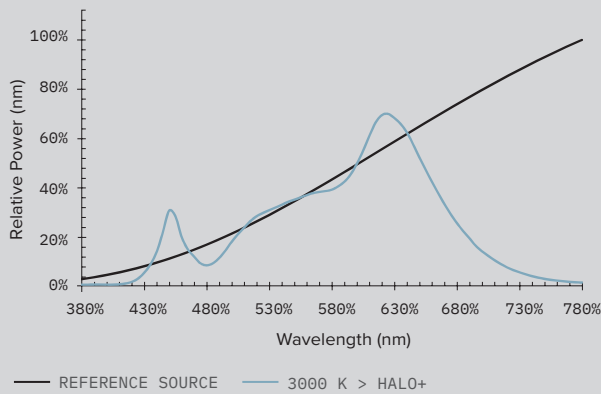
The light emitted with this filter has chromatic coordinates below the Plank curve where whites are the purest and the brightest. This particular white light at 3500K with Ra90 that simulates the chromatic qualities of famous LED Vivid lamps.

SOURCE

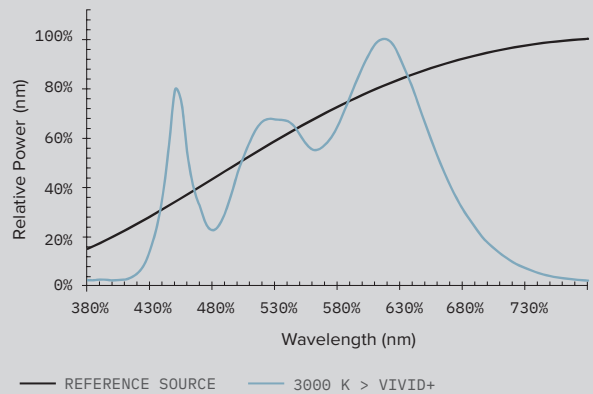
3000 K > VIVID+

R_f	93
R_g	104
CCT (K)	3536
D_{uv}	-0,0043
x	0,3990
y	0,3779
CIE R_a	94,0
CIE $R9$	83,0

SPECTRAL POWER DISTRIBUTION COMPARISON



SPECTRAL POWER DISTRIBUTION COMPARISON



COLOR DISTORTION GRAPHIC



FOOD FILTERS



→ **Light plays a fundamental role in the process of choosing food.**

It creates desire, moves unconscious mechanisms, draws attention to itself especially when it lights food and whets our appetite.

Meat, fish and bread are foods that in the right lighting can express clear communication messages of freshness and authenticity, each with their own chromatic range.

Bread

in front of a 3000K LED source with Ra80 this filter lowers the colour temperature of the light, warming it and making it into a warmer and more fragrant food.

SOURCE
3000 K > BREAD

R_f	83
R_g	102
CCT (K)	2740
D_{uv}	-0,0181
x	0,4284
y	0,3583
CIE R_a	81,5
CIE $R9$	28,5

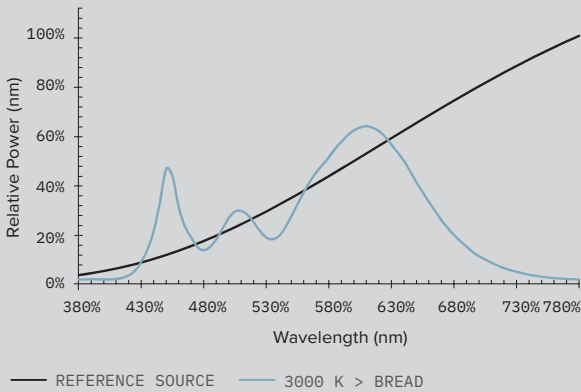
Meat

This filter positioned in front of a 3000K LED source with Ra80 has the task of cutting the blue components emitted by the lamp and to enhance the red ones. This way the quality and freshness of the meat is emphasised.

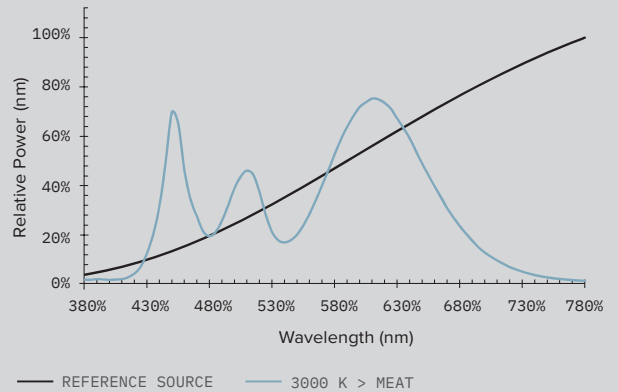
SOURCE
3000 K > MEAT

R_f	82
R_g	108
CCT (K)	2848
D_{uv}	-0,0302
x	0,4062
y	0,3269
CIE R_a	74,0
CIE $R9$	68,3

SPECTRAL POWER DISTRIBUTION COMPARISON



SPECTRAL POWER DISTRIBUTION COMPARISON



COLOR DISTORTION GRAPHIC





Light adds value to every environment where food is displayed both in bulk or separately.

Fish

Thanks to this filter the light from a 4000K LED with Ra80 the light becomes colder and brighter and full of blue components that emphasises the freshness of the catch.

SOURCE

4000 K > FISH

R_f	90
R_g	105
CCT (K)	4005
D_{uv}	-0,0034
x	0,3779
y	0,3680
CIE R_a	94,0
CIE $R9$	90,9

Fresh

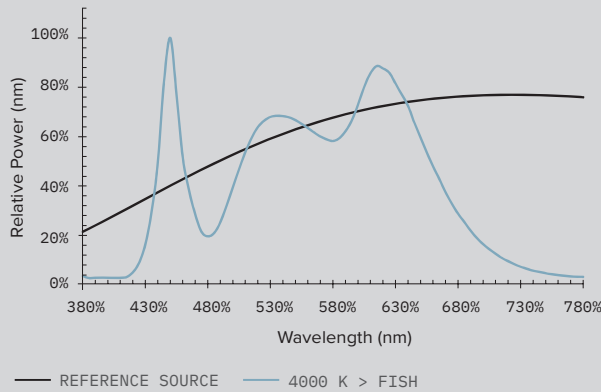
This filter positioned in front of a 3000K LED source with Ra80 does not vary the original colour temperature but increases the colour rendering of the light to emphasise the wonderful colours of the various fruits and vegetables.

SOURCE

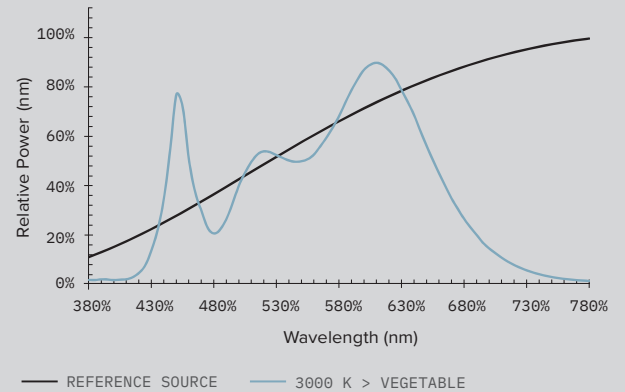
3000 K > VEGETABLE

R_f	90
R_g	103
CCT (K)	3362
D_{uv}	-0,0094
x	0,4023
y	0,3684
CIE R_a	92,7
CIE $R9$	56,2

SPECTRAL POWER DISTRIBUTION COMPARISON



SPECTRAL POWER DISTRIBUTION COMPARISON



COLOR DISTORTION GRAPHIC



BEAUTY FILTER



→ **This is a particular filter aimed at enhancing skin tones.**

For us it was very challenging because the complexion has many features and judgement on the results obtained in relation to how to light it is extremely subjective.



Beauty

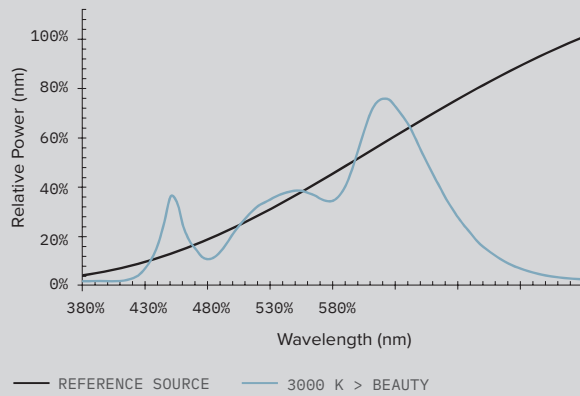
The filter positioned in front of a 3000K LED source with Ra80 produces a very neutral, delicate, warm light that hides some green components and enhances the red ones.

SOURCE

3000 K > BEAUTY

R_f	90
R_g	109
CCT (K)	2785
D_{uv}	-0,0076
x	0,4410
y	0,3865
CIE R_a	91,6
CIE $R9$	96,1

SPECTRAL POWER DISTRIBUTION COMPARISON



COLOR DISTORTION GRAPHIC



A grid of white lines on a yellow background, with the text 'WE ADORN WITH LIGHT' centered in the middle.

**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 the communication message. To do this technological fixtures must integrate into the architecture discretely 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 combined together easily. 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 imitating its style.

This is why our fixtures can now be painted, in addition to the Colours range, 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 that compliments the context perfectly.

Dermalogica - London, UK
Architect: Limeblue
Lighting Design: Normalite
Photographer: Limeblue
2018

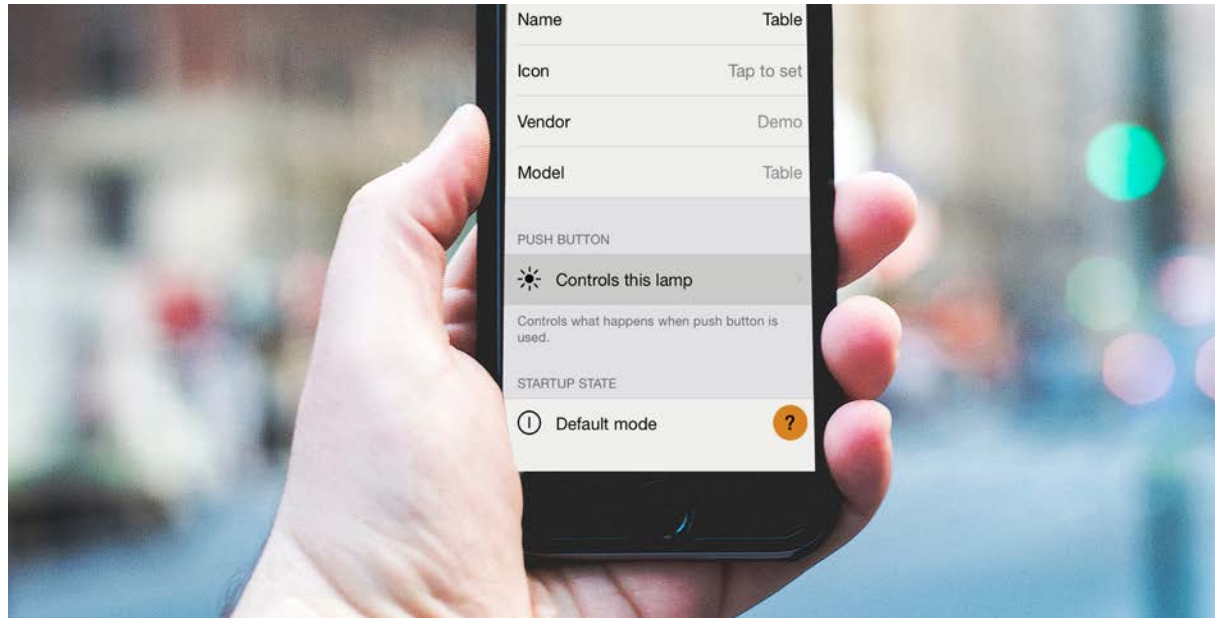




A grid of white lines on a yellow background, with the text 'WE CONTROL LIGHT' centered in the middle.

**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.

Many of our fixtures can be activated and managed remotely using Bluetooth Low Energy (BLE) technology by Casambi, the market leader 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 large or small it is.



It is possible to control every fixture

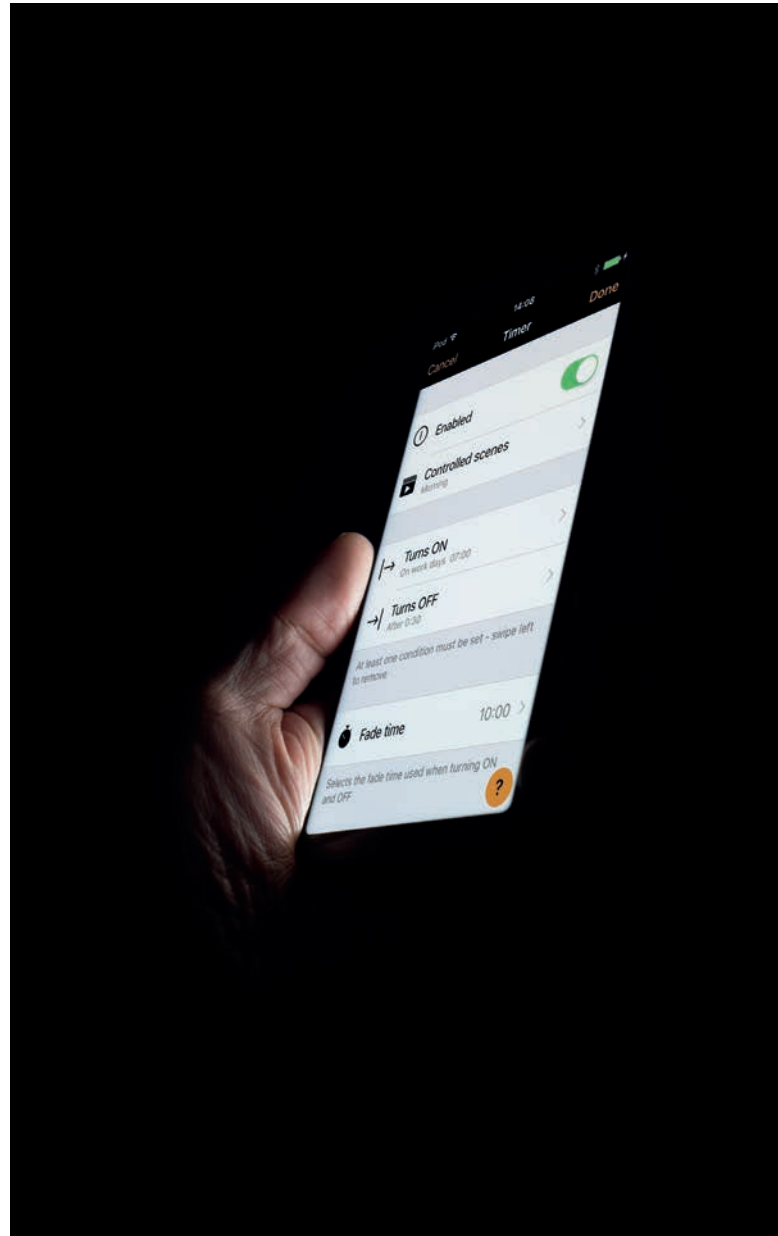
and decide whether to activate it individually or in combination with others depending on the needs and functionality required. Manage simple ON-OFF modes, dim lamps, set up different configurations depending on specific functional requirements and even create dynamic scenes. The system is also capable of interfacing with standard control LED 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.

Boston Consulting Group Offices, Los Angeles - USA
Architect: Shubin & Donaldson
Lighting Designer: Oculus Light Studio – Designer: Carol Prendergas
Photo: © Benny Chan / Fotoworks
2017



NEWS 2019



OZ

FORTYEIGHT

New luminous modules



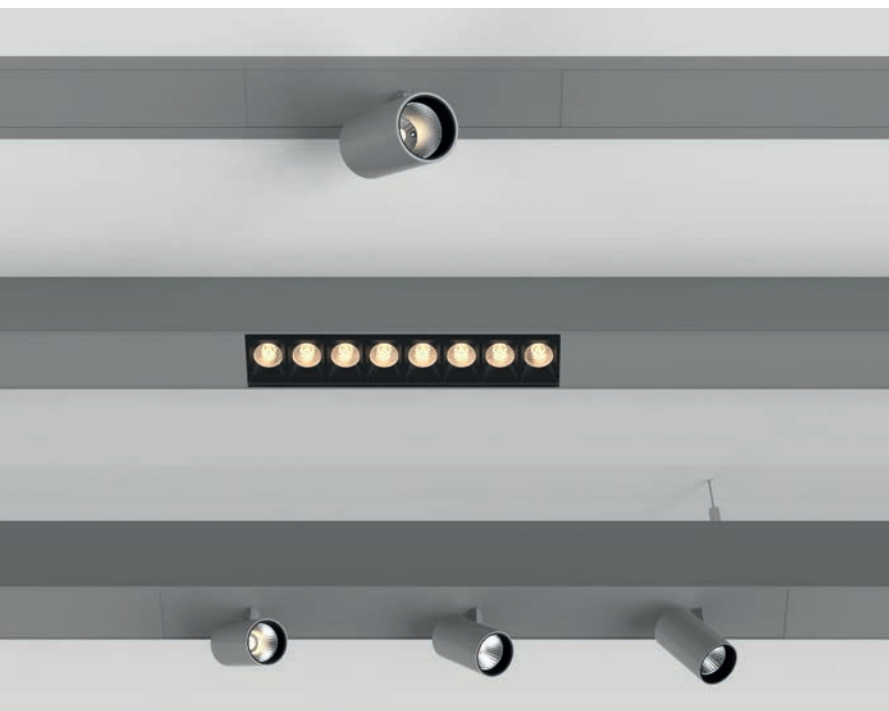


ZEDGE LINE

MR. BO



PREVIEW 2019/2020

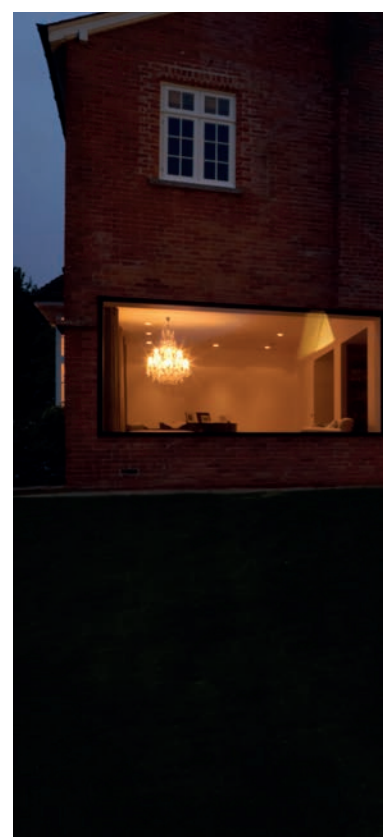


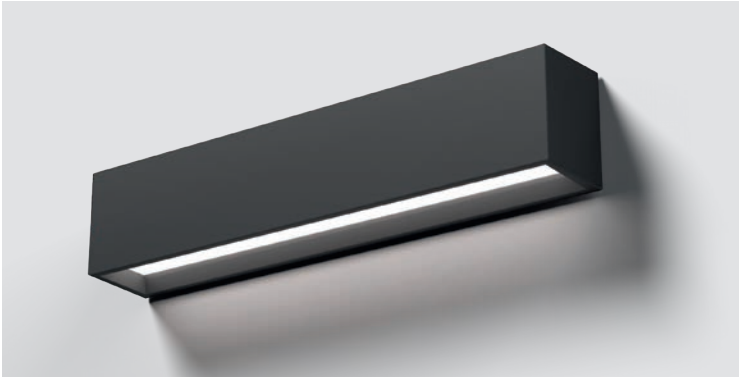
New LOGICO modules

The modular lighting system LOGICO will be enhanced with new and even more versatile elements that can provide new design solutions. During 2019 new models with no lamps, linear modules with spot optics and linear modules fitted with Label 4 and Label 6 projectors will be added to the range.

DBS phase 2

The successful partnership between Targetti and the American firm Vector will continue with a significant extension to the DBS range that focuses on more compact models. The new DBS products will be: CCTLED ARCHITECTURAL Mini, CORO Mini, CLOUD Mini, ZENO SMALL and LABEL 6.





MR & MRS SMITH

Soon there will be two new additions to the Outdoor range with the arrival of two applique fixtures with a clean, simple geometric design. Despite the different shapes – square for MR SMITH and rectangular for MRS SMITH – both appliques have the same family feeling that integrates even better with the ZEDGE range in terms of size and proportions.



PREVIEW 2019/2020



LABEL 2

Finally LABEL 2! The smallest adjustable 48V LED professional projector with a diameter of just 2 cm. This product completes the LABEL 48V range with projectors of three different sizes.



OZ New luminous units

The new OZ 48V magnetic system is already the subject of study and analysis to extend its design flexibility. Soon the large 50x50 light fixture will also be available in an adjustable version and there will be new multiple modules for both small and large fixtures. In addition the system will be further extended with the introduction of a 230V range.

SUITE GENSLER

The partnership between Targetti and Studio Gensler is still going strong with the development of a new Suite of suspension and wall mounted technical and decorative fixtures. These models are characterised by the intersection of simple and essential geometric shapes and 2 different shaped light fixtures: circular for the diffused optic versions and triangular for the UGR versions.



New products with RGBW and RGBA multichip technology

Great innovations are expected in 2019 for the Outdoor collection thanks to the introduction of LED multichip RGBW and RGBA technology with even more high-performance fixtures with colour changing lamps for building facades. This technology allows for better colour mixing which when inserted inside fixtures for architectural lighting allows for unprecedented design freedom.

RECESSED

LINEAR RECESSED



108 LOGICO

RECESSED



120 THREESIXTY



128 CCTLED
SMART-TECH-FEEL



142 CCTLED
DEEP



143 CCTLED
WALL WASHER



146 CCTLED
MINI



146 CCTLED
MINI WW



148 CCTLED
MICRO



150 CCT
FLASH



158 CCTLED
ARCH.
FIX



162 CCTLED
ARCH.
ADJ



172 CCTLED
ARCH.
MINI FIX



173 CCTLED
ARCH.
MINI ADJ



178 CCTLED
ARCH.
MICRO



180 STORE



194 ZENO



198 CLOUD



210 COZY



212 BEBOP



214 QUICKLED



216 POLKA



220 OTTO
SEMI
RECESSED



220 OTTO
RECESSED



222 QUADRO

indoor

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

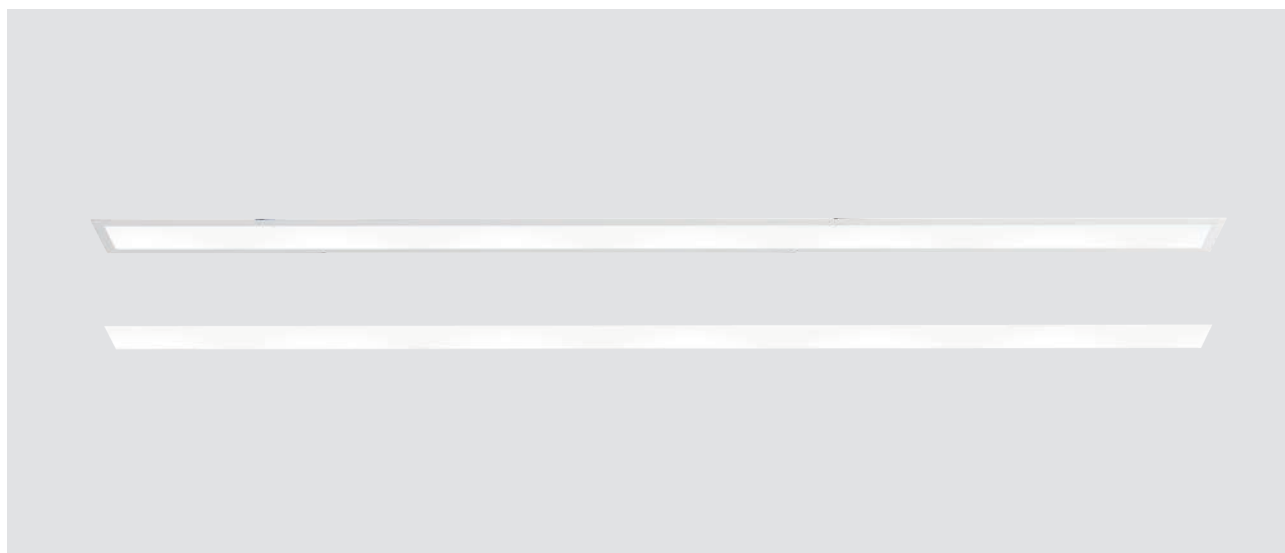
Powder coated, extruded, calendered aluminium.

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.



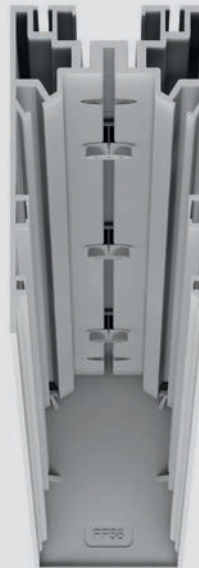
01



The recessed version can be 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.

02



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.

03

Solutions available on request:

custom tailor made length modules, emergency modules and Tunable technology to add dynamism to light tone.



ZONAMERICA 2018

ARCHITECT
Estudio Dovat Arquitectos

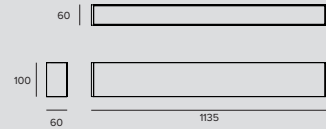
LIGHTING DESIGN
Estudio Hofstadter

PHOTOGRAPHER
Ferrés - Cánepa

COUNTRY
Montevideo - Uruguay



Stand Alone Recessed linear module L. 1135mm



LED / 24W / DOWN OPAL								
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			106°		EL.	○	1T5779EL	1T5780EL
Fixture Power	27W	1	2.66	903	EL.	●	1T5781EL	1T5782EL
Source Flux	3480lm	2	5.33	226	DALI	○	1T5779DA	1T5780DA
Fixture Flux	2370lm	3	7.99	100	DALI	●	1T5781DA	1T5782DA
Efficacy	88lm/W	4	10.65	56				
TS991	Imax=259cd/klm	Imax	903cd	5	13.32	36		

LED / 48W / DOWN OPAL								
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			106°		EL.	○	1T5783EL	1T5784EL
Fixture Power	54W	1	2.66	1785	EL.	●	1T5785EL	1T5786EL
Source Flux	6880lm	2	5.33	446	DALI	○	1T5783DA	1T5784DA
Fixture Flux	4685lm	3	7.99	198	DALI	●	1T5785DA	1T5786DA
Efficacy	87lm/W	4	10.65	112				
TS996	Imax=259cd/klm	Imax	1785cd	5	13.32	71		

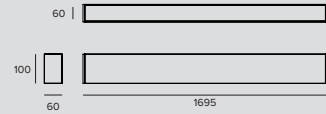
LED / 16W / DOWN UGR								
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			74°		EL.	○	1T5787EL	1T5788EL
Fixture Power	18W	1	1.51	1113	EL.	●	1T5789EL	1T5790EL
Source Flux	2520lm	2	3.02	278	DALI	○	1T5787DA	1T5788DA
Fixture Flux	1631lm	3	4.52	124	DALI	●	1T5789DA	1T5790DA
Efficacy	91lm/W	4	6.03	70				
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45		

LED / 24W / DOWN WW									
3000K		H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			97°	101°		EL.	○	1T5791EL	1T5792EL
Fixture Power	27W	1	2.28	2.55	2801	EL.	●	1T5793EL	1T5794EL
Source Flux	3480lm	2	4.56	5.10	700	DALI	○	1T5791DA	1T5792DA
Fixture Flux	2739lm	3	6.84	7.64	311	DALI	●	1T5793DA	1T5794DA
Efficacy	101lm/W	4	9.12	10.19	175				
TS993	Imax=1001cd/klm	Imax	3485cd	5	11.40	12.74	112		

LED / 48W / DOWN WW									
3000K		H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			97°	101°		EL.	○	1T5795EL	1T5796EL
Fixture Power	54W	1	2.28	2.55	5537	EL.	●	1T5797EL	1T5798EL
Source Flux	6880lm	2	4.56	5.10	1384	DALI	○	1T5795DA	1T5796DA
Fixture Flux	5415lm	3	6.84	7.64	615	DALI	●	1T5797DA	1T5798DA
Efficacy	100lm/W	4	9.12	10.19	346				
TS997	Imax=1001cd/klm	Imax	6890cd	5	11.40	12.74	221		



Stand Alone Recessed linear module L. 1695mm



LED / 36W / DOWN OPAL ± 6.2 IP20

		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84			106°		EL.	○	1T5799EL	1T5800EL
	Fixture Power	40W	1	2.66	1354	EL.	●	1T5801EL	1T5802EL
	Source Flux	5220lm	2	5.33	338	DALI	○	1T5799DA	1T5800DA
	Fixture Flux	3555lm	3	7.99	150	DALI	●	1T5801DA	1T5802DA
	Efficacy	89lm/W	4	10.65	85				
	TS991	Imax=259cd/klm	Imax	1354cd	5	13.32	54		

LED / 72W / DOWN OPAL ± 6.2 IP20

		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84			106°		EL.	○	1T5803EL	1T5804EL
	Fixture Power	81W	1	2.66	2677	EL.	●	1T5805EL	1T5806EL
	Source Flux	10320lm	2	5.33	669	DALI	○	1T5803DA	1T5804DA
	Fixture Flux	7028lm	3	7.99	297	DALI	●	1T5805DA	1T5806DA
	Efficacy	87lm/W	4	10.65	167				
	TS996	Imax=259cd/klm	Imax	2677cd	5	13.32	107		

LED / 24W / DOWN UGR ± 6.2 IP20

		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84			74°		EL.	○	1T5807EL	1T5808EL
	Fixture Power	27W	1	1.51	1669	EL.	●	1T5809EL	1T5810EL
	Source Flux	3780lm	2	3.02	417	DALI	○	1T5807DA	1T5808DA
	Fixture Flux	2447lm	3	4.52	185	DALI	●	1T5809DA	1T5810DA
	Efficacy	91lm/W	4	6.03	104				
	TS992	Imax=442cd/klm	Imax	1669cd	5	7.54	67		

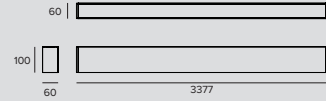
LED / 36W / DOWN WW ± 6.2 IP20

		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84			97°	101°		EL.	○	1T5811EL	1T5812EL
	Fixture Power	40W	1	2.28	2.55	4201	EL.	●	1T5813EL	1T5814EL
	Source Flux	5220lm	2	4.56	5.10	1050	DALI	○	1T5811DA	1T5812DA
	Fixture Flux	4108lm	3	6.84	7.64	467	DALI	●	1T5813DA	1T5814DA
	Efficacy	103lm/W	4	9.12	10.19	263				
	TS993	Imax=1001cd/klm	Imax	5228cd	5	11.40	12.74	168		

LED / 72W / DOWN WW ± 6.2 IP20

		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84			97°	101°		EL.	○	1T5815EL	1T5816EL
	Fixture Power	81W	1	2.28	2.55	8305	EL.	●	1T5817EL	1T5818EL
	Source Flux	10320lm	2	4.56	5.10	2076	DALI	○	1T5815DA	1T5816DA
	Fixture Flux	8122lm	3	6.84	7.64	923	DALI	●	1T5817DA	1T5818DA
	Efficacy	100lm/W	4	9.12	10.19	519				
	TS997	Imax=1001cd/klm	Imax	10335cd	5	11.40	12.74	332		

Stand Alone Recessed linear module L. 3377mm



LED / 72W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	81W	1	2.66	2708	
	Source Flux	10440lm	2	5.33	677	
	Fixture Flux	7110lm	3	7.99	301	
	Efficacy	88lm/W	4	10.65	169	
TS991	Imax=259cd/klm	Imax	2708cd	5	13.32	108

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

LED / 144W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	163W	1	2.66	5354	
	Source Flux	20640lm	2	5.33	1338	
	Fixture Flux	14056lm	3	7.99	595	
	Efficacy	86lm/W	4	10.65	335	
TS996	Imax=259cd/klm	Imax	5354cd	5	13.32	214

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

LED / 48W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	54W	1	1.51	3338	
	Source Flux	7560lm	2	3.02	834	
	Fixture Flux	4894lm	3	4.52	371	
	Efficacy	91lm/W	4	6.03	209	
TS992	Imax=442cd/klm	Imax	3338cd	5	7.54	134

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

LED / 72W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	81W	1	2.28	2.55	8402	
	Source Flux	10440lm	2	4.56	5.10	2101	
	Fixture Flux	8216lm	3	6.84	7.64	934	
	Efficacy	101lm/W	4	9.12	10.19	525	
TS993	Imax=1001cd/klm	Imax	10455cd	5	11.40	12.74	336

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

LED / 144W / DOWN WW



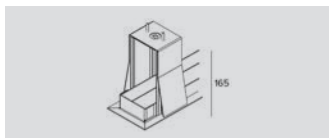
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	163W	1	2.28	2.55	16611	
	Source Flux	20640lm	2	4.56	5.10	4153	
	Fixture Flux	16244lm	3	6.84	7.64	1846	
	Efficacy	100lm/W	4	9.12	10.19	1038	
TS997	Imax=1001cd/klm	Imax	20670cd	5	11.40	12.74	664

Driver	Colour	3000K	4000K
EL.	○	1T5835EL	1T5836EL
EL.	●	1T5837EL	1T5838EL
DALI	○	1T5835DA	1T5836DA
DALI	●	1T5837DA	1T5838DA

LOGICO

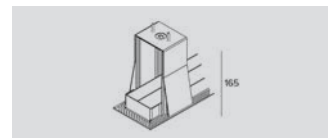
Related codes

Insertion Box



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

Outer casing for recessed installation with a flange.

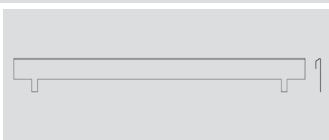


Kg	Cutout hole	L	Code
3.2	80x1150	1172	1T6012
3.8	80x1710	1732	1T6013
7.5	80x3390	3414	1T6014

Outer casing for recessed trimless installation.

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: 4 for the 1135mm versions, 6 for the 1695mm versions and 12 for the 3377mm versions.

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.
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



Code

1T5352

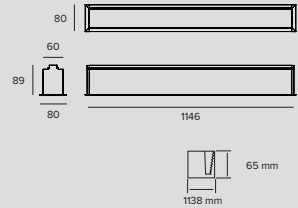
IP20 Extender for wireless control with DALI interfaces.
It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in indoor applications.
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.
It prevents any change to the management features provided by the Casambi system.

Note

Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.



Stand Alone Recessed with flange linear module L. 1146mm



LED / 24W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		106°		
Fixture Power	27W	1	2.66	903		
Source Flux	3480lm	2	5.33	226		
Fixture Flux	2370lm	3	7.99	100		
Efficacy	88lm/W	4	10.65	56		
TS991	Imax=259cd/klm	Imax	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5431EL	1T5432EL
DALI	○	1T5431DA	1T5432DA

LED / 48W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		106°		
Fixture Power	54W	1	2.66	1785		
Source Flux	6880lm	2	5.33	446		
Fixture Flux	4685lm	3	7.99	198		
Efficacy	87lm/W	4	10.65	112		
TS996	Imax=259cd/klm	Imax	1785cd	5	13.32	71

Driver	Colour	3000K	4000K
EL.	○	1T5433EL	1T5434EL
DALI	○	1T5433DA	1T5434DA

LED / 16W / DOWN UGR



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		74°		
Fixture Power	18W	1	1.51	1113		
Source Flux	2520lm	2	3.02	278		
Fixture Flux	1631lm	3	4.52	124		
Efficacy	91lm/W	4	6.03	70		
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T5435EL	1T5436EL
DALI	○	1T5435DA	1T5436DA

LED / 24W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
		Ra84		97°	101°		
Fixture Power	27W	1	2.28	2.55	2801		
Source Flux	3480lm	2	4.56	5.10	700		
Fixture Flux	2739lm	3	6.84	7.64	311		
Efficacy	101lm/W	4	9.12	10.19	175		
TS993	Imax=1001cd/klm	Imax	3485cd	5	11.40	12.74	112

Driver	Colour	3000K	4000K
EL.	○	1T5437EL	1T5438EL
DALI	○	1T5437DA	1T5438DA

LED / 48W / DOWN WW

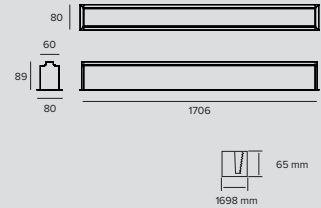


		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
		Ra84		97°	101°		
Fixture Power	54W	1	2.28	2.55	5537		
Source Flux	6880lm	2	4.56	5.10	1384		
Fixture Flux	5415lm	3	6.84	7.64	615		
Efficacy	100lm/W	4	9.12	10.19	346		
TS997	Imax=1001cd/klm	Imax	6890cd	5	11.40	12.74	221

Driver	Colour	3000K	4000K
EL.	○	1T5439EL	1T5440EL
DALI	○	1T5439DA	1T5440DA



Stand Alone Recessed with flange linear module L. 1706mm



LED / 36W / DOWN OPAL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		106°		EL.	○	1T5441EL	1T5442EL	
	Fixture Power	40W	1	2.66	1354	DALI	○	1T5441DA	1T5442DA
	Source Flux	5220lm	2	5.33	338				
	Fixture Flux	3555lm	3	7.99	150				
	Efficacy	89lm/W	4	10.65	85				
TS991	Imax=259cd/klm	Imax	1354cd	5	13.32	54			

LED / 72W / DOWN OPAL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		106°		EL.	○	1T5443EL	1T5444EL	
	Fixture Power	81W	1	2.66	2677	DALI	○	1T5443DA	1T5444DA
	Source Flux	10320lm	2	5.33	669				
	Fixture Flux	7028lm	3	7.99	297				
	Efficacy	87lm/W	4	10.65	167				
TS996	Imax=259cd/klm	Imax	2677cd	5	13.32	107			

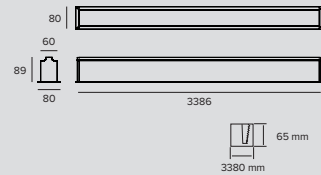
LED / 24W / DOWN UGR									
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		74°		EL.	○	1T5445EL	1T5446EL	
	Fixture Power	27W	1	1.51	1669	DALI	○	1T5445DA	1T5446DA
	Source Flux	3780lm	2	3.02	417				
	Fixture Flux	2447lm	3	4.52	185				
	Efficacy	91lm/W	4	6.03	104				
TS992	Imax=442cd/klm	Imax	1669cd	5	7.54	67			

LED / 36W / DOWN WW										
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		97°	101°		EL.	○	1T5447EL	1T5448EL	
	Fixture Power	40W	1	2.28	2.55	4201	DALI	○	1T5447DA	1T5448DA
	Source Flux	5220lm	2	4.56	5.10	1050				
	Fixture Flux	4108lm	3	6.84	7.64	467				
	Efficacy	103lm/W	4	9.12	10.19	263				
TS993	Imax=1001cd/klm	Imax	5228cd	5	11.40	12.74	168			

LED / 72W / DOWN WW										
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		97°	101°		EL.	○	1T5449EL	1T5450EL	
	Fixture Power	81W	1	2.28	2.55	8305	DALI	○	1T5449DA	1T5450DA
	Source Flux	10320lm	2	4.56	5.10	2076				
	Fixture Flux	8122lm	3	6.84	7.64	923				
	Efficacy	100lm/W	4	9.12	10.19	519				
TS997	Imax=1001cd/klm	Imax	10335cd	5	11.40	12.74	332			



Stand Alone Recessed with flange linear module L. 3386mm



LED / 72W / DOWN OPAL ± 10.5 IP20

	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		106°		
	Fixture Power	81W	1	2.66	2708
	Source Flux	10440lm	2	5.33	677
	Fixture Flux	7110lm	3	7.99	301
	Efficacy	88lm/W	4	10.65	169
	Imax	2708cd	5	13.32	108

TS991 Imax=259cd/klm

Driver	Colour	3000K	4000K
EL.	○	1T5451EL	1T5452EL
DALI	○	1T5451DA	1T5452DA

LED / 144W / DOWN OPAL ± 10.5 IP20

	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		106°		
	Fixture Power	163W	1	2.66	5354
	Source Flux	20640lm	2	5.33	1338
	Fixture Flux	14056lm	3	7.99	595
	Efficacy	86lm/W	4	10.65	335
	Imax	5354cd	5	13.32	214

TS996 Imax=259cd/klm

Driver	Colour	3000K	4000K
EL.	○	1T5453EL	1T5454EL
DALI	○	1T5453DA	1T5454DA

LED / 48W / DOWN UGR ± 10.5 IP20

	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		74°		
	Fixture Power	54W	1	1.51	3338
	Source Flux	7560lm	2	3.02	834
	Fixture Flux	4894lm	3	4.52	371
	Efficacy	91lm/W	4	6.03	209
	Imax	3338cd	5	7.54	134

TS992 Imax=442cd/klm

Driver	Colour	3000K	4000K
EL.	○	1T5455EL	1T5456EL
DALI	○	1T5455DA	1T5456DA

LED / 72W / DOWN WW ± 10.5 IP20

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra84		97°	101°		
	Fixture Power	81W	1	2.28	2.55	8402
	Source Flux	10440lm	2	4.56	5.10	2101
	Fixture Flux	8216lm	3	6.84	7.64	934
	Efficacy	101lm/W	4	9.12	10.19	525
	Imax	10455cd	5	11.40	12.74	336

TS993 Imax=1001cd/klm

Driver	Colour	3000K	4000K
EL.	○	1T5457EL	1T5458EL
DALI	○	1T5457DA	1T5458DA

LED / 144W / DOWN WW ± 10.5 IP20

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra84		97°	101°		
	Fixture Power	163W	1	2.28	2.55	16611
	Source Flux	20640lm	2	4.56	5.10	4153
	Fixture Flux	16244lm	3	6.84	7.64	1846
	Efficacy	100lm/W	4	9.12	10.19	1038
	Imax	20670cd	5	11.40	12.74	664

TS997 Imax=1001cd/klm

Driver	Colour	3000K	4000K
EL.	○	1T5459EL	1T5460EL
DALI	○	1T5459DA	1T5460DA

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: 4 for the 1146mm versions, 6 for the 1706mm versions and 12 for the 3386mm versions.

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.
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



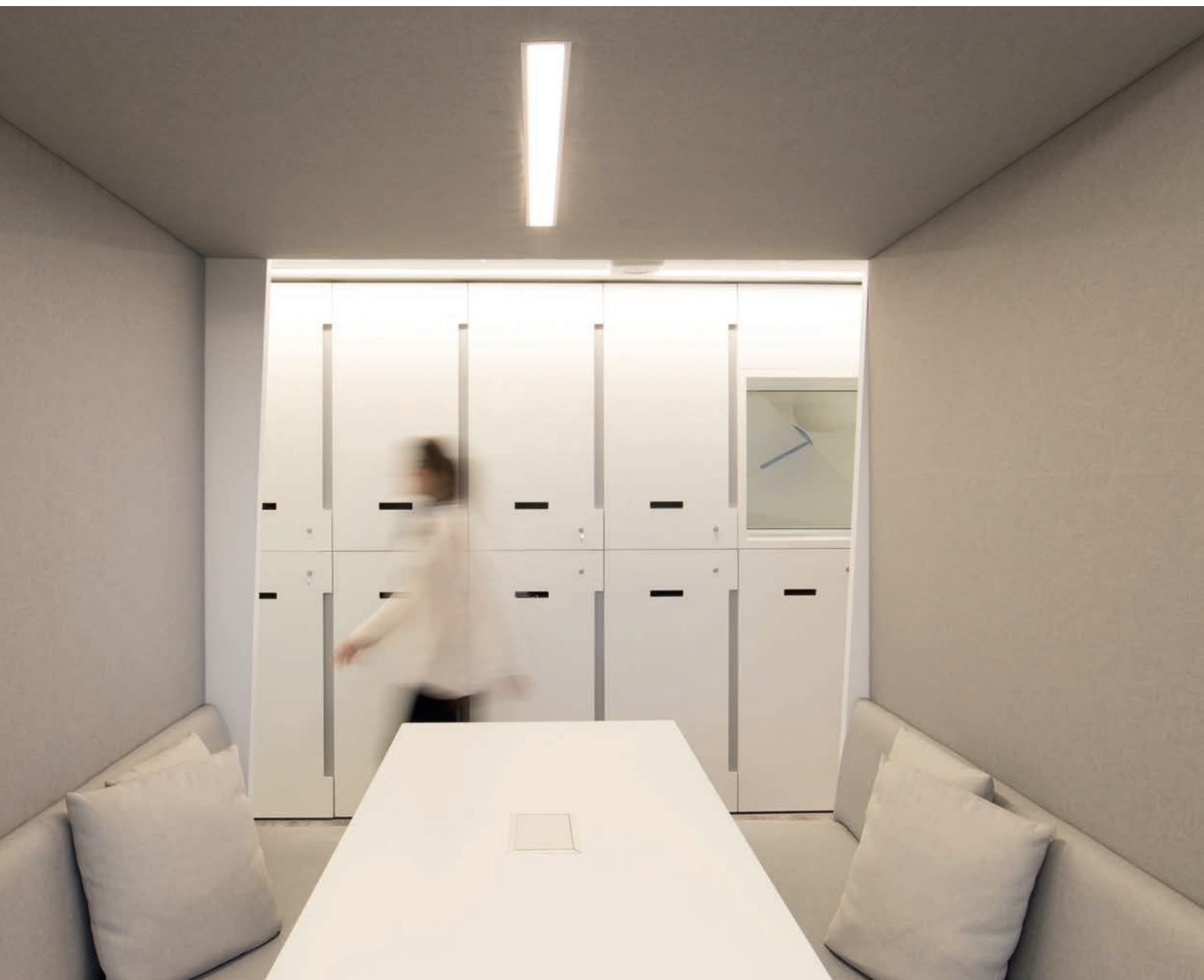
Code

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.
It prevents any change to the management features provided by the Casambi system.

Note

Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.



ZONAMERICA 2018

ARCHITECT
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LIGHTING DESIGN
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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

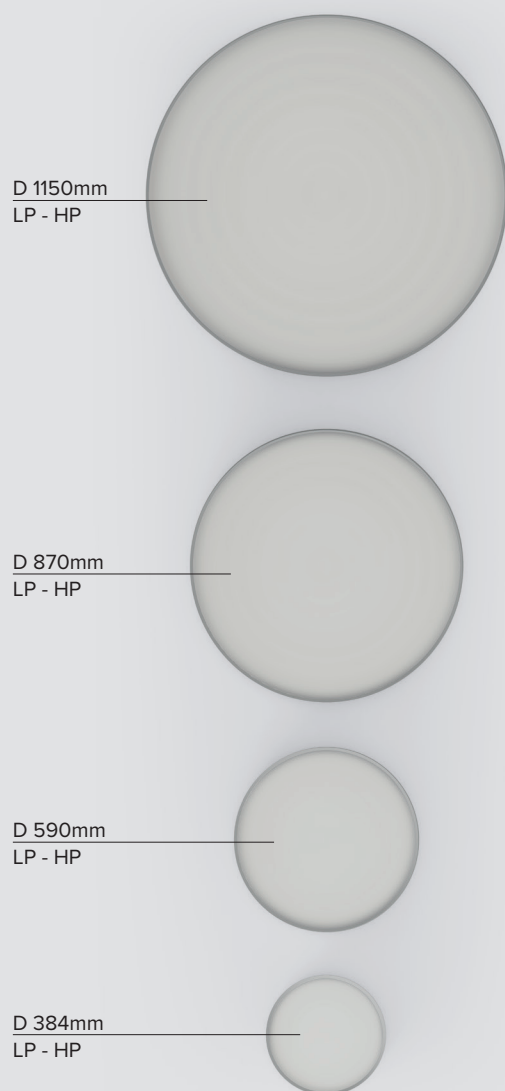
Powder coated, extruded, calendered aluminium.

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.



01

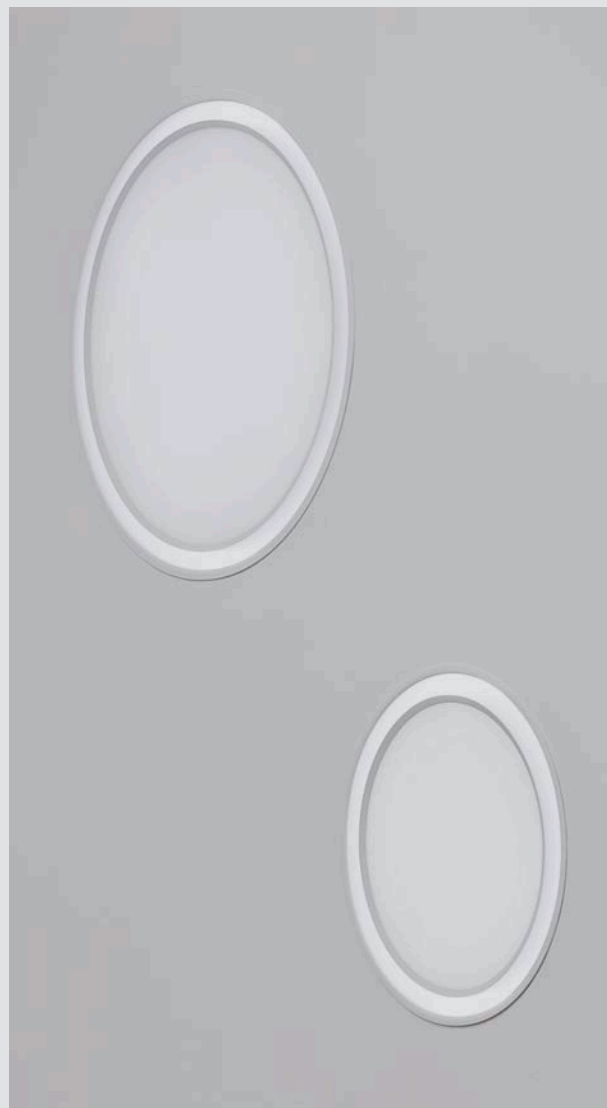


Four different diameters

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



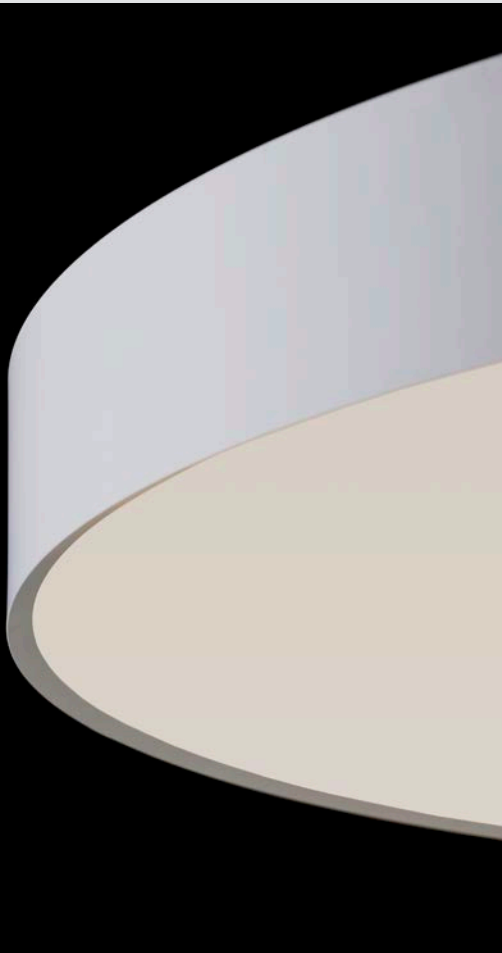
A wide range of direct or direct/indirect lighting effects

diffused light, controlled light

UGR<19 and a particular Halo effect

THREESIXTY plus

03

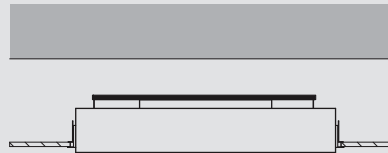


Different lumen packages

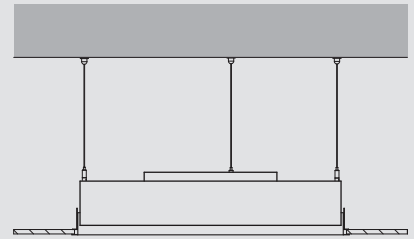
for every length to light spaces of different heights with the same diameter and design.

04

RECESSED - SEMI RECESSED

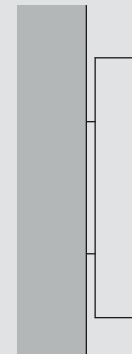
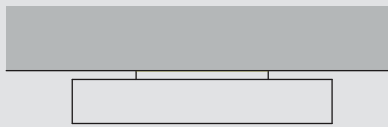


Frame

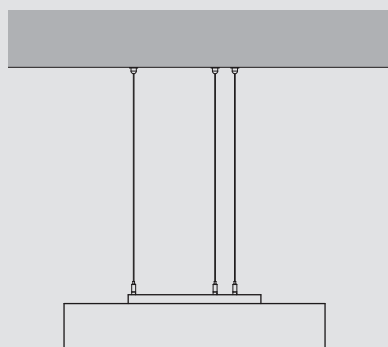


Adjustable frame

WALL AND CEILING MOUNTED

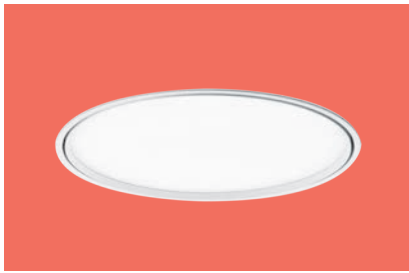


SUSPENSION

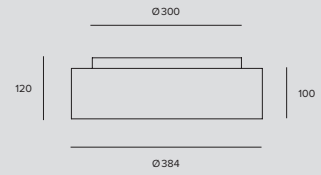


One single body for five different installation solutions.

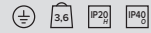
The recessed version has an outer casing with a flange that attaches directly to the ceiling. The larger versions (870 and 1150mm) require a simple frame accessory to attach to the ceiling. An outer casing or a frame can be used for semi-recessed installations.



Ø 384mm



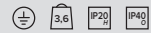
LED / 21W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		114°			
	Fixture Power	24W	1	3.09	636	
	Source Flux	3033lm	2	6.17	159	
	Fixture Flux	1836lm	3	9.26	71	
	Efficacy	76lm/W	4	12.35	40	
TS1002	Imax=210cd/klm	Imax	636cd	5	15.43	25

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

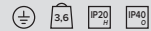
LED / 29W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		114°			
	Fixture Power	33W	1	3.09	848	
	Source Flux	4044lm	2	6.17	212	
	Fixture Flux	2448lm	3	9.26	94	
	Efficacy	74lm/W	4	12.35	53	
TS1003	Imax=210cd/klm	Imax	848cd	5	15.43	34

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

LED / 13W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		92°			
	Fixture Power	15W	1	2.07	702	
	Source Flux	2017lm	2	4.15	176	
	Fixture Flux	1458lm	3	6.22	78	
	Efficacy	97lm/W	4	8.29	44	
TS1018	Imax=348cd/klm	Imax	702cd	5	10.36	28

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

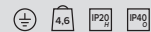
LED / 35W (40,5W FIXTURE POWER) / OPAL + HALO



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.

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

LED / 43W (49,5W FIXTURE POWER) / OPAL + HALO

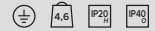


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

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

THREESIXTY

LED / 27W (31,5W FIXTURE POWER) / UGR + HALO

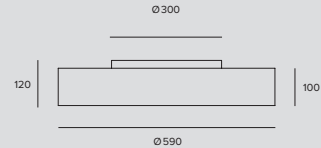


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

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



Ø 590mm



LED / 50W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		114°	
Fixture Power	57W	1	3.09	1555
Source Flux	7418lm	2	6.17	389
Fixture Flux	4490lm	3	9.26	173
Efficacy	79lm/W	4	12.35	97
TS1002	Imax=210cd/klm	Imax	1555cd	5
			15.43	62

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

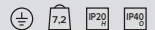
LED / 67W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		114°	
Fixture Power	75W	1	3.09	2079
Source Flux	9917lm	2	6.17	520
Fixture Flux	6003lm	3	9.26	231
Efficacy	80lm/W	4	12.35	130
TS1003	Imax=210cd/klm	Imax	2079cd	5
			15.43	83

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

LED / 31W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		92°	
Fixture Power	35W	1	2.07	1722
Source Flux	4944lm	2	4.15	430
Fixture Flux	3575lm	3	6.22	191
Efficacy	102lm/W	4	8.29	108
TS1019	Imax=348cd/klm	Imax	1722cd	5
			10.36	69

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

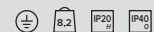
LED / 70W (81W FIXTURE POWER) / OPAL + HALO



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.

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

LED / 87W (99W FIXTURE POWER) / OPAL + HALO



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.

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

LED / 51W (59W FIXTURE POWER) / UGR + HALO

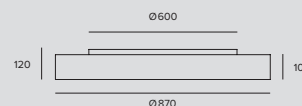


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

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



Ø 870mm



LED / 113W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)
Ra84			114*	
Fixture Power	127W	1	3.09	3404
Source Flux	16238lm	2	6.17	851
Fixture Flux	9829lm	3	9.26	378
Efficacy	77lm/W	4	12.35	213
TS1002	Imax=210cd/klm	Imax	3404cd	5
			15.43	136

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

LED / 144W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)
Ra84			114*	
Fixture Power	162W	1	3.09	4548
Source Flux	21693lm	2	6.17	1137
Fixture Flux	13131lm	3	9.26	505
Efficacy	81lm/W	4	12.35	284
TS1003	Imax=210cd/klm	Imax	4548cd	5
			15.43	182

Driver	Colour	3000K	4000K
EL.	○	1T6216EL	1T6217EL
EL.	●	1T6220EL	1T6221EL
EL.	◐	1T6218EL	1T6219EL
DALI	○	1T6216DA	1T6217DA
DALI	●	1T6220DA	1T6221DA
DALI	◐	1T6218DA	1T6219DA

LED / 138W (160W FIXTURE POWER) / OPAL + HALO

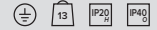


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

Driver	Colour	3000K	4000K
EL.	○	1T6222EL	1T6223EL
EL.	●	1T6226EL	1T6227EL
EL.	◐	1T6224EL	1T6225EL
DALI	○	1T6222DA	1T6223DA
DALI	●	1T6226DA	1T6227DA
DALI	◐	1T6224DA	1T6225DA

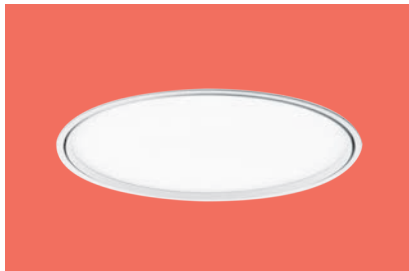
THREESIXTY

LED / 174W (201W FIXTURE POWER) / OPAL + HALO

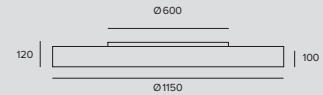


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

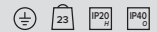
Driver	Colour	3000K	4000K
EL.	○	1T6228EL	1T6229EL
EL.	●	1T6232EL	1T6233EL
EL.	◐	1T6230EL	1T6231EL
DALI	○	1T6228DA	1T6229DA
DALI	●	1T6232DA	1T6233DA
DALI	◐	1T6230DA	1T6231DA



Ø 1150mm



LED / 182W / DOWN OPAL



	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			114*			
Fixture Power	204W	1	3.09	5760		
Source Flux	27475lm	2	6.17	1440		
Fixture Flux	16631lm	3	9.26	640		
Efficacy	82lm/W	4	12.35	360		
TS1002	I _{max} =210cd/klm	I _{max}	5760cd	5	15.43	230

Driver	Colour	3000K	4000K
EL.	○	1T6246EL	1T6247EL
EL.	●	1T6250EL	1T6251EL
EL.	◐	1T6248EL	1T6249EL
DALI	○	1T6246DA	1T6247DA
DALI	●	1T6250DA	1T6251DA
DALI	◐	1T6248DA	1T6249DA

LED / 243W / DOWN OPAL



	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			114*			
Fixture Power	273W	1	3.09	7695		
Source Flux	36705lm	2	6.17	1924		
Fixture Flux	22218lm	3	9.26	855		
Efficacy	81lm/W	4	12.35	481		
TS1003	I _{max} =210cd/klm	I _{max}	7695cd	5	15.43	308

Driver	Colour	3000K	4000K
EL.	○	1T6252EL	1T6253EL
EL.	●	1T6256EL	1T6257EL
EL.	◐	1T6254EL	1T6255EL
DALI	○	1T6252DA	1T6253DA
DALI	●	1T6256DA	1T6257DA
DALI	◐	1T6254DA	1T6255DA

LED / 226W (258W FIXTURE POWER) / OPAL + HALO



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.

Driver	Colour	3000K	4000K
EL.	○	1T6258EL	1T6259EL
EL.	●	1T6262EL	1T6263EL
EL.	◐	1T6260EL	1T6261EL
DALI	○	1T6258DA	1T6259DA
DALI	●	1T6262DA	1T6263DA
DALI	◐	1T6260DA	1T6261DA

LED / 286W (325W FIXTURE POWER) / OPAL + HALO



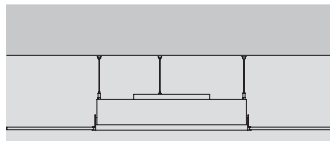
For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

Driver	Colour	3000K	4000K
EL.	○	1T6264EL	1T6265EL
EL.	●	1T6268EL	1T6269EL
EL.	◐	1T6266EL	1T6267EL
DALI	○	1T6264DA	1T6265DA
DALI	●	1T6268DA	1T6269DA
DALI	◐	1T6266DA	1T6267DA

DIRECT/INDIRECT VERSION: Fitted with separate switches. Three different light effects available: direct light, indirect light and mixed direct/indirect light.

Related codes

Insertion Box



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

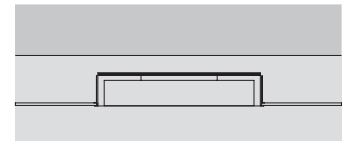
Adjustable frame for semi or completely recessed installation.

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	○	1T6401
Ø450	460	●	1T6402
Ø450	460	◐	1T6403
Ø660	670	○	1T6404
Ø660	670	●	1T6405
Ø660	670	◐	1T6406

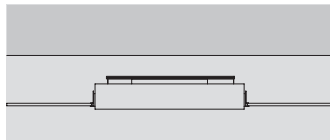
Casing for semi or completely recessed installation.

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	○	1T6303
Ø410	421	●	1T6304
Ø410	421	◐	1T6305
Ø615	627	○	1T6306
Ø615	627	●	1T6307
Ø615	627	◐	1T6308

Frame for semi or completely recessed installation.

Load bearing outer frame measuring 384mm and 590mm.

Powder coated, extruded, calendered aluminium body.

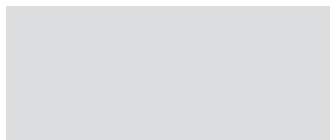
The outer frame attaches to the ceiling with pre-galvanised steel brackets.

Standard Version.

NOTE: Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.

Accessories

Control systems



Code

1T5349

A wireless control module with a DALI interface.

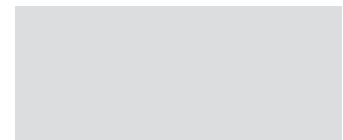
It generates a local DALI bus which makes it possible to connect a LED driver directly to a DALI interface.

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.

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



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.

It prevents any change to the management features provided by the Casambi system.

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 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 115lm/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.





**ICI
BRASSERIE
2017**

LIGHTING DESIGN
Illumination Strategic
Design Group

COUNTRY
San Paulo - Brazil

CCTLED plus

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.

New SMART High Efficacy versions available

Equipped with new, high performance LED lamps, they achieve an efficiency equal to 144 lm/W ensuring a lumen package equivalent to the previous versions yet with a reduction of the power installed. della potenza installata rispetto alle versioni precedenti.

02 CCTLED MINI



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.

03 CCTLED MICRO



3 sizes, 5 power supplies and 7 different optical solutions

provide the same family feeling.

CCTLED plus

04



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.

05



TECH optic

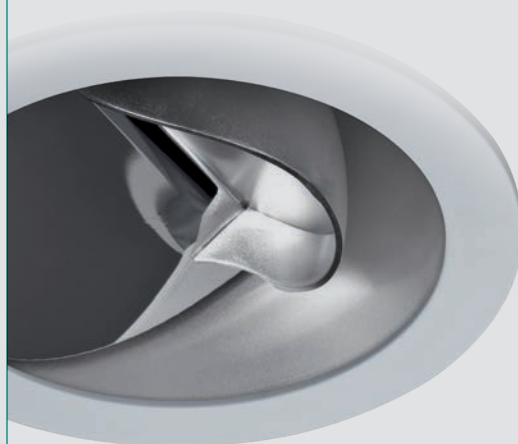
it can be installed not only in all those environments that are governed by EN12464-1 regulations relating to limits on direct glare, but also in spaces with high or double volume ceilings where light control is critical to ensure good illumination values, precision and visual comfort. The first reflector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

06



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.



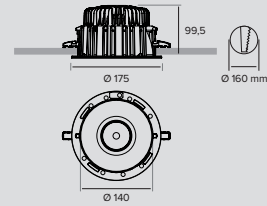
Wall Washer optic

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
faceted**



LED / 17W / FACETTED / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84			81°		
	Fixture Power	19W	1	1.71	1559	
	Source Flux	3003lm	2	3.42	390	
	Fixture Flux	2591lm	3	5.14	173	
	Efficacy	136lm/W	4	6.85	97	
TS1100	Imax=596cd/klm	Imax	1789cd	5	8.56	62

Driver	Colour	2700K	3000K	4000K
EL.	○	1T6995EL	1T6979EL	1T6980EL
1-10V	○	1T6995D	1T6979D	1T6980D
DALI	○	1T6995DA	1T6979DA	1T6980DA

LED / 23W / FACETTED / VWFL

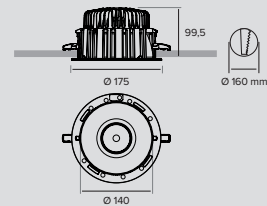


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84			81°		
	Fixture Power	26W	1	1.71	2136	
	Source Flux	4114lm	2	3.42	534	
	Fixture Flux	3549lm	3	5.14	237	
	Efficacy	137lm/W	4	6.85	133	
TS1100	Imax=596cd/klm	Imax	2451cd	5	8.56	85

Driver	Colour	2700K	3000K	4000K
EL.	○	1T6996EL	1T6981EL	1T6982EL
1-10V	○	1T6996D	1T6981D	1T6982D
DALI	○	1T6996DA	1T6981DA	1T6982DA



**Smart HE
matt**



LED / 17W / MATT / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84			85°		
	Fixture Power	19W	1	1.83	1486	
	Source Flux	3003lm	2	3.66	371	
	Fixture Flux	2469lm	3	5.49	165	
	Efficacy	130lm/W	4	7.32	93	
TS1101	Imax=495cd/klm	Imax	1486cd	5	9.15	59

Driver	Colour	2700K	3000K	4000K
EL.	○	1T6997EL	1T6983EL	1T6984EL
1-10V	○	1T6997D	1T6983D	1T6984D
DALI	○	1T6997DA	1T6983DA	1T6984DA

LED / 23W / MATT / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84			85°		
	Fixture Power	26W	1	1.83	2036	
	Source Flux	4114lm	2	3.66	509	
	Fixture Flux	3382lm	3	5.49	226	
	Efficacy	130lm/W	4	7.32	127	
TS1101	Imax=495cd/klm	Imax	2036cd	5	9.15	81

Driver	Colour	2700K	3000K	4000K
EL.	○	1T6998EL	1T6985EL	1T6986EL
1-10V	○	1T6998D	1T6985D	1T6986D
DALI	○	1T6998DA	1T6985DA	1T6986DA

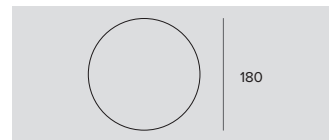
Related codes

Decorative Ring



Ø	Colour	Code
180	○	1T2933
180	●	1T3529

Round ring.



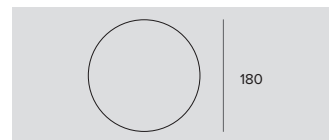
Ø	Colour	Code
180	○	1T2935
180	●	1T3530

Square ring.



Ø	Colour	Code
180	○	1T2939

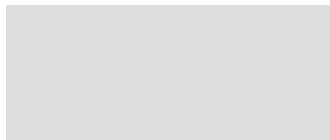
Square ring with external silk screen printed screen.
IP43.



Ø	Colour	Code
180	○	1T3035

Square ring with micro prismatic diffusive screen.
IP43.

Plaster



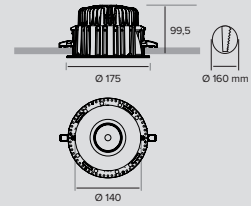
Cutout hole	Code
Ø367	1T4213

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

CCTLED DOWNLIGHT



Smart HE Trimless faceted

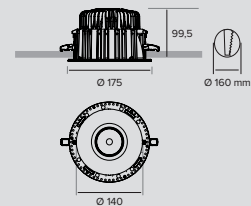


LED / 17W / FACETTED / VWFL										
		3000K	H(m)	D(m)	Emax(lx)					
		Ra84		81°						
Fixture Power	19W	1	1.71	1559	Driver	Colour	2700K	3000K	4000K	
Source Flux	3003lm	2	3.42	390	EL.		1T6999EL	1T6987EL	1T6988EL	
Fixture Flux	2591lm	3	5.14	173	1-10V		1T6999D	1T6987D	1T6988D	
Efficacy	136lm/W	4	6.85	97	DALI		1T6999DA	1T6987DA	1T6988DA	
TS1100	Imax=596cd/klm	Imax	1789cd	5	8.56	62				

LED / 23W / FACETTED / VWFL										
		3000K	H(m)	D(m)	Emax(lx)					
		Ra84		81°						
Fixture Power	26W	1	1.71	2136	Driver	Colour	2700K	3000K	4000K	
Source Flux	4114lm	2	3.42	534	EL.		1T7000EL	1T6989EL	1T6990EL	
Fixture Flux	3549lm	3	5.14	237	1-10V		1T7000D	1T6989D	1T6990D	
Efficacy	137lm/W	4	6.85	133	DALI		1T7000DA	1T6989DA	1T6990DA	
TS1100	Imax=596cd/klm	Imax	2451cd	5	8.56	85				



Smart HE Trimless matt

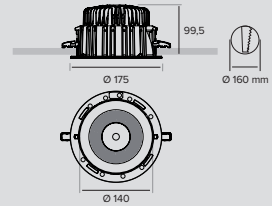


LED / 17W / MATT / VWFL										
		3000K	H(m)	D(m)	Emax(lx)					
		Ra84		85°						
Fixture Power	19W	1	1.83	1486	Driver	Colour	2700K	3000K	4000K	
Source Flux	3003lm	2	3.66	371	EL.		1T7001EL	1T6991EL	1T6992EL	
Fixture Flux	2469lm	3	5.49	165	1-10V		1T7001D	1T6991D	1T6992D	
Efficacy	130lm/W	4	7.32	93	DALI		1T7001DA	1T6991DA	1T6992DA	
TS1101	Imax=495cd/klm	Imax	1486cd	5	9.15	59				

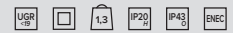
LED / 23W / MATT / VWFL										
		3000K	H(m)	D(m)	Emax(lx)					
		Ra84		85°						
Fixture Power	26W	1	1.83	2036	Driver	Colour	2700K	3000K	4000K	
Source Flux	4114lm	2	3.66	509	EL.		1T7002EL	1T6993EL	1T6994EL	
Fixture Flux	3382lm	3	5.49	226	1-10V		1T7002D	1T6993D	1T6994D	
Efficacy	130lm/W	4	7.32	127	DALI		1T7002DA	1T6993DA	1T6994DA	
TS1101	Imax=495cd/klm	Imax	2036cd	5	9.15	81				



Tech faceted



LED / 15W / SECONDARY FACETTED / WFL

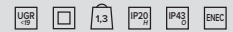


	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		70°		
	Fixture Power	17W	1	1.39	1689
	Source Flux	2520lm	2	2.78	422
	Fixture Flux	2070lm	3	4.16	188
	Efficacy	120lm/W	4	5.55	106

TS660	I _{max} =721cd/klm	I _{max}	1817cd	5	6.94	68
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Driver	2700K	3000K	4000K
EL.	1T3256EL	1T2921EL	1T2922EL
1-10V	1T3256D	1T2921D	1T2922D
DALI	1T3256DA	1T2921DA	1T2922DA

LED / 21W / SECONDARY FACETTED / WFL



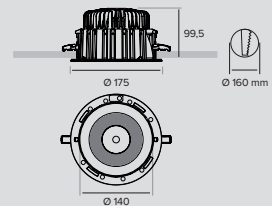
	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		70°		
	Fixture Power	24W	1	1.39	2172
	Source Flux	3240lm	2	2.78	543
	Fixture Flux	2662lm	3	4.16	241
	Efficacy	111lm/W	4	5.55	136

TS655	I _{max} =721cd/klm	I _{max}	2336cd	5	6.94	87
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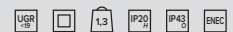
Driver	2700K	3000K	4000K
EL.	1T3257EL	1T2923EL	1T2924EL
1-10V	1T3257D	1T2923D	1T2924D
DALI	1T3257DA	1T2923DA	1T2924DA



Tech matt



LED / 15W / SECONDARY MATT / WFL

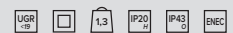


	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		69°		
	Fixture Power	17W	1	1.38	1679
	Source Flux	2520lm	2	2.77	420
	Fixture Flux	2070lm	3	4.15	187
	Efficacy	120lm/W	4	5.54	105

TS659	I _{max} =733cd/klm	I _{max}	1847cd	5	6.92	67
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Driver	2700K	3000K	4000K
EL.	1T3258EL	1T2925EL	1T2926EL
1-10V	1T3258D	1T2925D	1T2926D
DALI	1T3258DA	1T2925DA	1T2926DA

LED / 21W / SECONDARY MATT / WFL



	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		69°		
	Fixture Power	24W	1	1.38	2159
	Source Flux	3240lm	2	2.77	540
	Fixture Flux	2662lm	3	4.15	240
	Efficacy	111lm/W	4	5.54	135

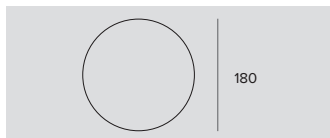
TS656	I _{max} =733cd/klm	I _{max}	2375cd	5	6.92	86
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Driver	2700K	3000K	4000K
EL.	1T3259EL	1T2927EL	1T2928EL
1-10V	1T3259D	1T2927D	1T2928D
DALI	1T3259DA	1T2927DA	1T2928DA

CCTLED DOWNLIGHT

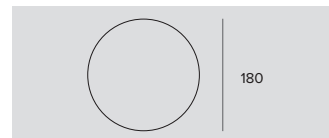
Related codes

Decorative Ring



Ø	Colour	Code
180	○	1T2933
180	●	1T3529

Round ring.



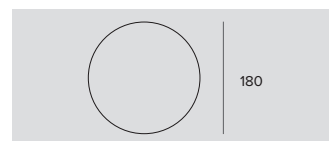
Ø	Colour	Code
180	○	1T2934
180	●	1T3531

XL ring. Only for TECH version



Ø	Colour	Code
180	○	1T2935
180	●	1T3530

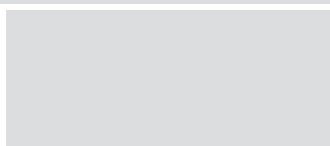
Square ring.



Ø	Colour	Code
180	○	1T2939

Square ring with external silk screen printed screen.
IP43.

Plaster

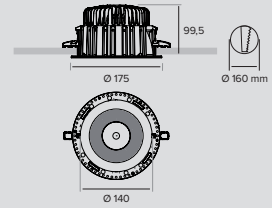


Cutout hole	Code
Ø367	1T4213

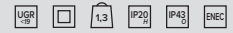
Plaster ring for installation in false ceilings.
To be completed with a decorative ring.



Tech Trimless facetted



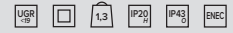
LED / 15W / SECONDARY FACETTED / WFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		70°			
	Fixture Power	17W	1	1.39	1689	
	Source Flux	2520lm	2	2.78	422	
	Fixture Flux	2070lm	3	4.16	188	
	Efficacy	120lm/W	4	5.55	106	
TS660	Imax=721cd/klm	Imax	1817cd	5	6.94	68

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

LED / 21W / SECONDARY FACETTED / WFL

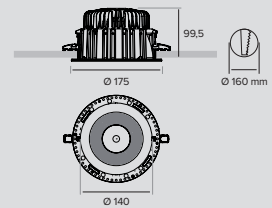


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		70°			
	Fixture Power	24W	1	1.39	2172	
	Source Flux	3240lm	2	2.78	543	
	Fixture Flux	2662lm	3	4.16	241	
	Efficacy	111lm/W	4	5.55	136	
TS655	Imax=721cd/klm	Imax	2336cd	5	6.94	87

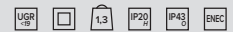
Driver	Colour	2700K	3000K	4000K
EL.	○	1T3267EL	1T2950EL	1T2951EL
1-10V	○	1T3267D	1T2950D	1T2951D
DALI	○	1T3267DA	1T2950DA	1T2951DA



Tech Trimless matt



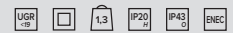
LED / 15W / SECONDARY MATT / WFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		69°			
	Fixture Power	17W	1	1.38	1679	
	Source Flux	2520lm	2	2.77	420	
	Fixture Flux	2070lm	3	4.15	187	
	Efficacy	120lm/W	4	5.54	105	
TS659	Imax=733cd/klm	Imax	1847cd	5	6.92	67

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

LED / 21W / SECONDARY MATT / WFL



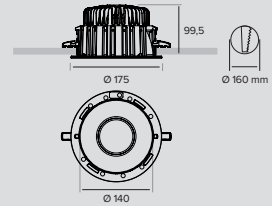
	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		69°			
	Fixture Power	24W	1	1.38	2159	
	Source Flux	3240lm	2	2.77	540	
	Fixture Flux	2662lm	3	4.15	240	
	Efficacy	111lm/W	4	5.54	135	
TS656	Imax=733cd/klm	Imax	2375cd	5	6.92	86

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

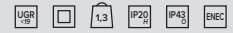
CCTLED DOWNLIGHT



**Feel
faceted**



LED / 14W / FACETTED / VWFL

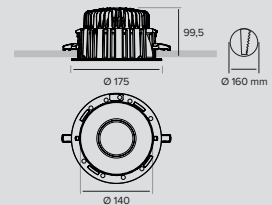


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		73°			
	Fixture Power	15W	1	1.48	967	
	Source Flux	2269lm	2	2.96	242	
	Fixture Flux	1423lm	3	4.44	107	
	Efficacy	93lm/W	4	5.92	60	
TS662	I _{max} =501cd/klm	I _{max}	1137cd	5	7.40	39

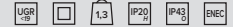
Driver	2700K	3000K	4000K
EL.	1T3260EL	1T2929EL	1T2930EL
1-10V	1T3260D	1T2929D	1T2930D
DALI	1T3260DA	1T2929DA	1T2930DA



**Feel
matt**



LED / 14W / MATT / WFL

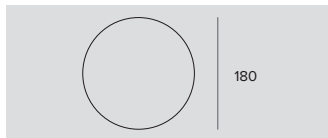


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		70°			
	Fixture Power	15W	1	1.41	898	
	Source Flux	2269lm	2	2.82	225	
	Fixture Flux	1268lm	3	4.23	100	
	Efficacy	83lm/W	4	5.64	56	
TS663	I _{max} =415cd/klm	I _{max}	941cd	5	7.05	36

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

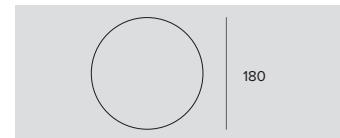
Related codes

Decorative Ring



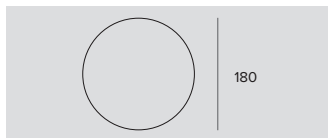
Ø	Colour	Code
180	○	1T2933
180	●	1T3529

Round ring.



Ø	Colour	Code
180	○	1T2935
180	●	1T3530

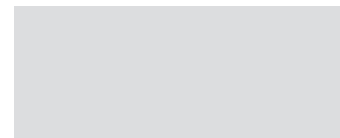
Square ring.



Ø	Colour	Code
180	○	1T2939

Square ring with external silk screen printed screen.
IP43.

Plaster

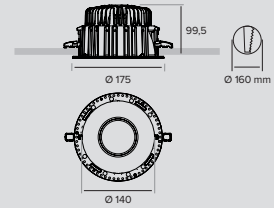


Cutout hole	Code
Ø367	1T4213

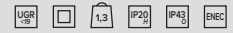
Plaster ring for installation in false ceilings.
To be completed with a decorative ring.



Feel Trimless faceted



LED / 14W / FACETTED / VWFL

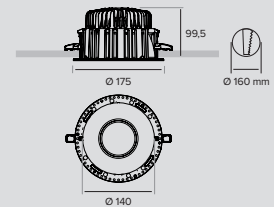


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		73°			
	Fixture Power	15W	1	1.48	967	
	Source Flux	2269lm	2	2.96	242	
	Fixture Flux	1423lm	3	4.44	107	
	Efficacy	93lm/W	4	5.92	60	
TS662	Imax=501cd/klm	Imax	1137cd	5	7.40	39

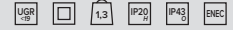
Driver	Colour	2700K	3000K	4000K
EL.	○	1T3270EL	1T2956EL	1T2957EL
1-10V	○	1T3270D	1T2956D	1T2957D
DALI	○	1T3270DA	1T2956DA	1T2957DA



Feel Trimless matt



LED / 14W / MATT / WFL



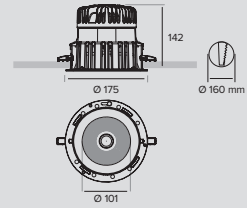
	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		70°			
	Fixture Power	15W	1	1.41	898	
	Source Flux	2269lm	2	2.82	225	
	Fixture Flux	1268lm	3	4.23	100	
	Efficacy	83lm/W	4	5.64	56	
TS663	Imax=415cd/klm	Imax	941cd	5	7.05	36

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

CCTLED DOWNLIGHT



Deep



LED / 33W / SP					UGR ≤ 19	□	1,6	IP20	IP23	ENEC		
	3000K	H(m)	D(m)	Emax(lx)	Driver							
	Ra84			21°	3000K							
	Fixture Power	36W	1	0.36	24354	EL.						
	Source Flux	4351lm	2	0.72	6089	1-10V						
	Fixture Flux	3457lm	3	1.09	2706	DALI						
	Efficacy	97lm/W	4	1.45	1522	1T3157EL						
TS708	Imax=5597cd/klm	Imax	24354cd	5	1.81	974	1T3157D					
					1T3157DA							
					1T3158EL							
					1T3158D							
					1T3158DA							

LED / 33W / FL					UGR ≤ 19	□	1,6	IP20	IP23	ENEC		
	3000K	H(m)	D(m)	Emax(lx)	Driver							
	Ra84			33°	3000K							
	Fixture Power	36W	1	0.59	10995	EL.						
	Source Flux	4351lm	2	1.18	2749	1-10V						
	Fixture Flux	3378lm	3	1.78	1222	DALI						
	Efficacy	95lm/W	4	2.37	687	1T3159EL						
TS709	Imax=2537cd/klm	Imax	11039cd	5	2.96	440	1T3159D					
					1T3159DA							
					1T3160EL							
					1T3160D							
					1T3160DA							

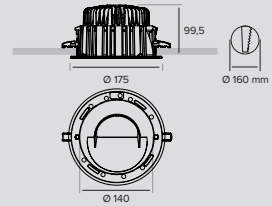
Related codes

Decorative Ring			
		180	
	Ø	Colour	Code
	180	○	1T2933
	180	●	1T3529
Round ring.			
		180	
	Ø	Colour	Code
	180	○	1T2935
	180	●	1T3530
Square ring.			

Plaster			
		180	
	Ø	Colour	Code
	180	○	1T2939
Square ring with external silk screen printed screen. IP43.			
		367	
	Ø	Code	
	Ø367	1T4213	
Plaster ring for installation in false ceilings. To be completed with a decorative ring.			



Wall Washer



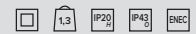
LED / 21W / WALL WASHER



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra84		78°	75°		
Fixture Power	24W	1	1.62	1.65	1305		
Source Flux	3232lm	2	3.23	3.31	326		
Fixture Flux	1904lm	3	4.85	4.96	145		
Efficacy	79lm/W	4	6.46	6.61	82		
TS722	I _{max} =428cd/klm	I _{max}	1382cd	5	8.08	8.27	52

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

LED / 33W / WALL WASHER



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra84		78°	75°		
Fixture Power	36W	1	1.62	1.65	1757		
Source Flux	4351lm	2	3.23	3.31	439		
Fixture Flux	2563lm	3	4.85	4.96	195		
Efficacy	72lm/W	4	6.46	6.61	110		
TS723	I _{max} =428cd/klm	I _{max}	1860cd	5	8.08	8.27	70

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

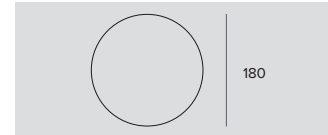
Related codes

Decorative Ring



Ø	Colour	Code
180	○	1T2933
180	●	1T3529

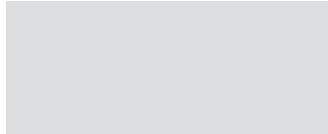
Round ring.



Ø	Colour	Code
180	○	1T2935
180	●	1T3530

Square ring.

Plaster



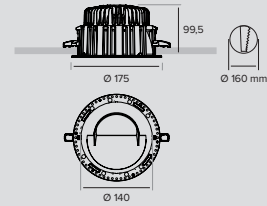
Cutout hole	Code
Ø367	1T4213

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

CCTLED DOWNLIGHT



Wall Washer Trimless



LED / 21W / WALL WASHER

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			78°	75°			
Fixture Power	24W	1	1.62	1.65	1305		
Source Flux	3232lm	2	3.23	3.31	326		
Fixture Flux	1904lm	3	4.85	4.96	145		
Efficacy	79lm/W	4	6.46	6.61	82		
TS722	I _{max} =428cd/klm	I _{max}	1382cd	5	8.08	8.27	52

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

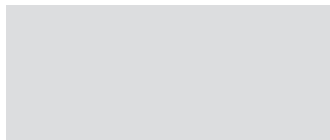
LED / 33W / WALL WASHER

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			78°	75°			
Fixture Power	36W	1	1.62	1.65	1757		
Source Flux	4351lm	2	3.23	3.31	439		
Fixture Flux	2563lm	3	4.85	4.96	195		
Efficacy	72lm/W	4	6.46	6.61	110		
TS723	I _{max} =428cd/klm	I _{max}	1860cd	5	8.08	8.27	70

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

Accessories

Control systems

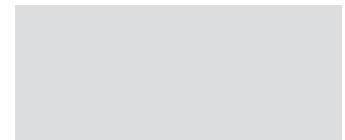


Code

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. 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

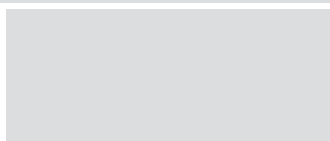
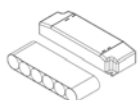


Code

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. It prevents any change to the management features provided by the Casambi system.

Emergency Kit



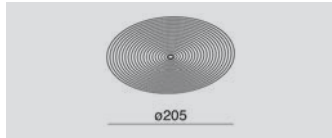
Code

1T3144

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

Accessories

Grid

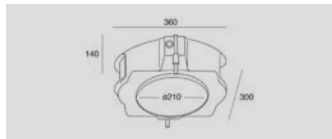


Code

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.

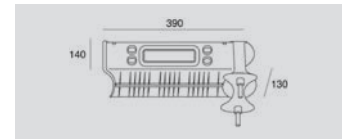
Insertion Box



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.

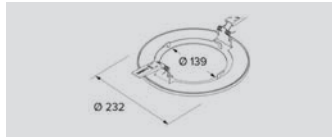


Code

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.

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.

Ip Kit



Ø

Code

180

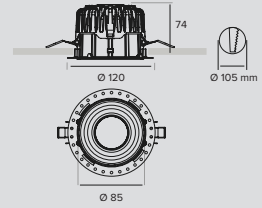
1T2937

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

CCTLED DOWNLIGHT



Mini



LED / 12W / MATT / WFL □ 0,4 IP20 IP23

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		75°			
	Fixture Power	14W	1	1.54	1211	
	Source Flux	1971lm	2	3.08	303	
	Fixture Flux	1516lm	3	4.62	135	
	Efficacy	112lm/W	4	6.16	76	
TS908	Imax=615cd/klm	Imax	1211cd	5	7.70	48

Driver	3000K	4000K
EL.	1T4821EL	1T4822EL
DALI	1T4821DA	1T4822DA

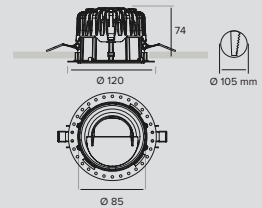
LED / 17W / MATT / WFL □ 0,4 IP20 IP23

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		75°			
	Fixture Power	19W	1	1.54	1650	
	Source Flux	2684lm	2	3.08	412	
	Fixture Flux	2064lm	3	4.62	183	
	Efficacy	107lm/W	4	6.16	103	
TS908	Imax=615cd/klm	Imax	1650cd	5	7.70	66

Driver	3000K	4000K
EL.	1T4823EL	1T4824EL
DALI	1T4823DA	1T4824DA



Mini Wall Washer



LED / 12W / WALL WASHER □ 0,4 IP20 IP23

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		68°	70°			
	Fixture Power	14W	1	1.34	1.59	765	
	Source Flux	1971lm	2	2.68	3.18	191	
	Fixture Flux	1064lm	3	4.02	4.77	85	
	Efficacy	79lm/W	4	5.36	6.35	48	
TS909	Imax=397cd/klm	Imax	783cd	5	6.70	7.94	31

Driver	3000K	4000K
EL.	1T4825EL	1T4826EL
DALI	1T4825DA	1T4826DA



LED / 17W / WALL WASHER □ 0,4 IP20 IP23

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		68°	70°			
	Fixture Power	19W	1	1.34	1.59	1042	
	Source Flux	2684lm	2	2.68	3.18	261	
	Fixture Flux	1449lm	3	4.02	4.77	116	
	Efficacy	75lm/W	4	5.36	6.35	65	
TS909	Imax=397cd/klm	Imax	1067cd	5	6.70	7.94	42

Driver	3000K	4000K
EL.	1T4827EL	1T4828EL
DALI	1T4827DA	1T4828DA

Accessories

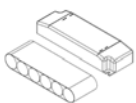
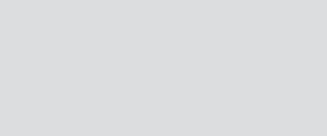
Insertion Ring

Cutout hole	Colour	Code
Ø125	○	1T5242
Ø125	●	1T5243
Ø125	●	1T5244

Accessory for trimless inspectable installation.



Emergency Kit

Code
1T3144


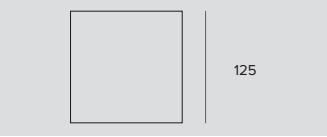
Emergency kit.
Inverter + 3h battery pack.

Decorative Ring



Cutout hole	Colour	Code
Ø125	○	1T4696
Ø125	●	1T4697

Round white ring.

Ø	Colour	Code
125	○	1T4698
125	●	1T4699


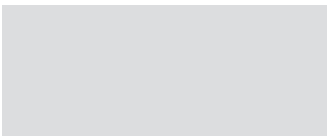
Square ring.

Ø	Colour	Code
125	○	1T4704
125	●	1T4705


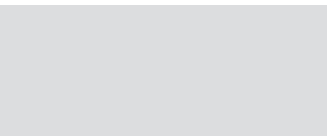
Round ring (IP54).

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. 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

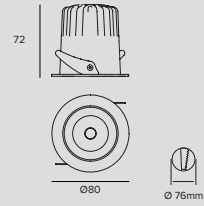
Code
1T5352

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. It prevents any change to the management features provided by the Casambi system.

CCTLED DOWNLIGHT



Micro



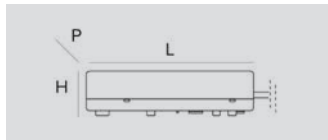
LED / 12W / WFL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		55°			
	Fixture Power	14W	1	1.03	1708	
	Source Flux	1798lm	2	2.06	427	
	Fixture Flux	1354lm	3	3.10	190	
	Efficacy	97lm/W	4	4.13	107	
TS1043	Imax=950cd/klm	Imax	1708cd	5	5.16	68

Power supply	Colour	3000K	4000K
350mA	○	1T6373	1T6374
350mA	●	1T6375	1T6376

Related codes

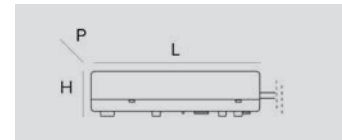
Power Supply



Code

1T6503

Electronic power supply max 15W, LxHxP=101.5x29.5x51mm, 220-240V-AC 50-60Hz, 350mA, IP20.



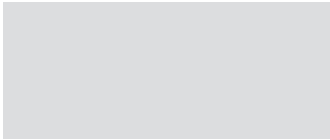
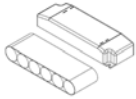
Code

1T6504

DALI dimmable electronic power supply max 15W, LxHxP=67x103x21mm, 220-240V-AC 50-60Hz, 350mA, IP20.

Accessories

Emergency Kit

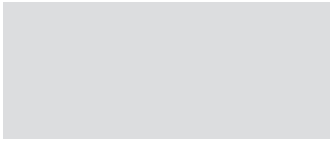


Code

1T3144

Emergency kit.
Inverter + 3h battery pack.

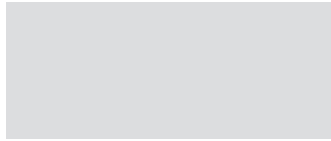
Control systems



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.
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



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.
It prevents any change to the management features provided by the Casambi system.

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.

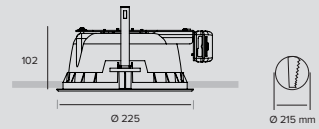
Recessed LED fixture that combines high performance and excellent light distribution. Quick and easy to install, with a high efficiency soft light.

Perfect retrofit of fluorescent versions with a 225mm diameter.





LED



LED / 17W / VWFL □ 0.6 IP20 IP23

	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			79°			
Fixture Power	19W	1	1.65	1313		
Source Flux	2342lm	2	3.30	328		
Fixture Flux	1956lm	3	4.95	146		
Efficacy	101lm/W	4	6.60	82		
TS854	I _{max} =560cd/klm	I _{max}	1313cd	5	8.26	53

Driver	Colour	3000K	4000K
EL.	○	1T4304	1T4305
DALI	○	1T4304DA	1T4305DA

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.

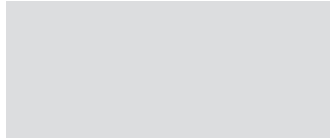


Code

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.

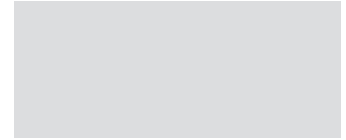
CCT FLASH LED



Code

47291

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

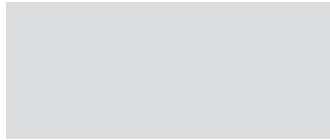


Code

47292

Tempered protruding IP44 glass, sandblasted at the centre.

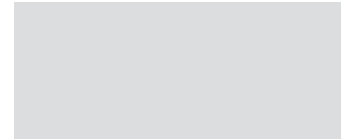
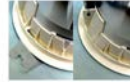
Mounting System



L	Ø	Code
290	212	47382
390	212	47385

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

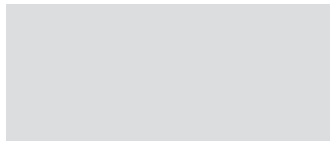


Code

1T2418

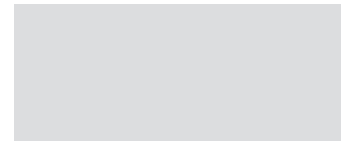
IP54 Kit. Silicone sealing kit for round ring.
The IP54 degree of protection is obtained by combining the silicone kit with the protective screens IP44.

Decorative Ring



Colour	Code
○	47274
●	47276

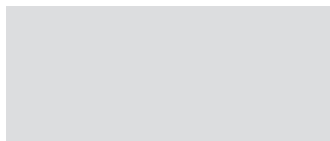
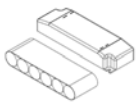
Decorative ring made of polycarbonate.
IP44 protection degree is obtained by combining the decorative ring, made of polycarbonate, and the borosilicate glass.



Colour	Code
Chrome	54091
Aluminium	54091L
Brushed steel	1T1463

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

Emergency Kit



Code

1T3144

Emergency kit.
Inverter + 3h battery pack.

Control systems



Code

1T5349

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Code

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It prevents any change to the management features provided by the Casambi system.

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 118lm/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

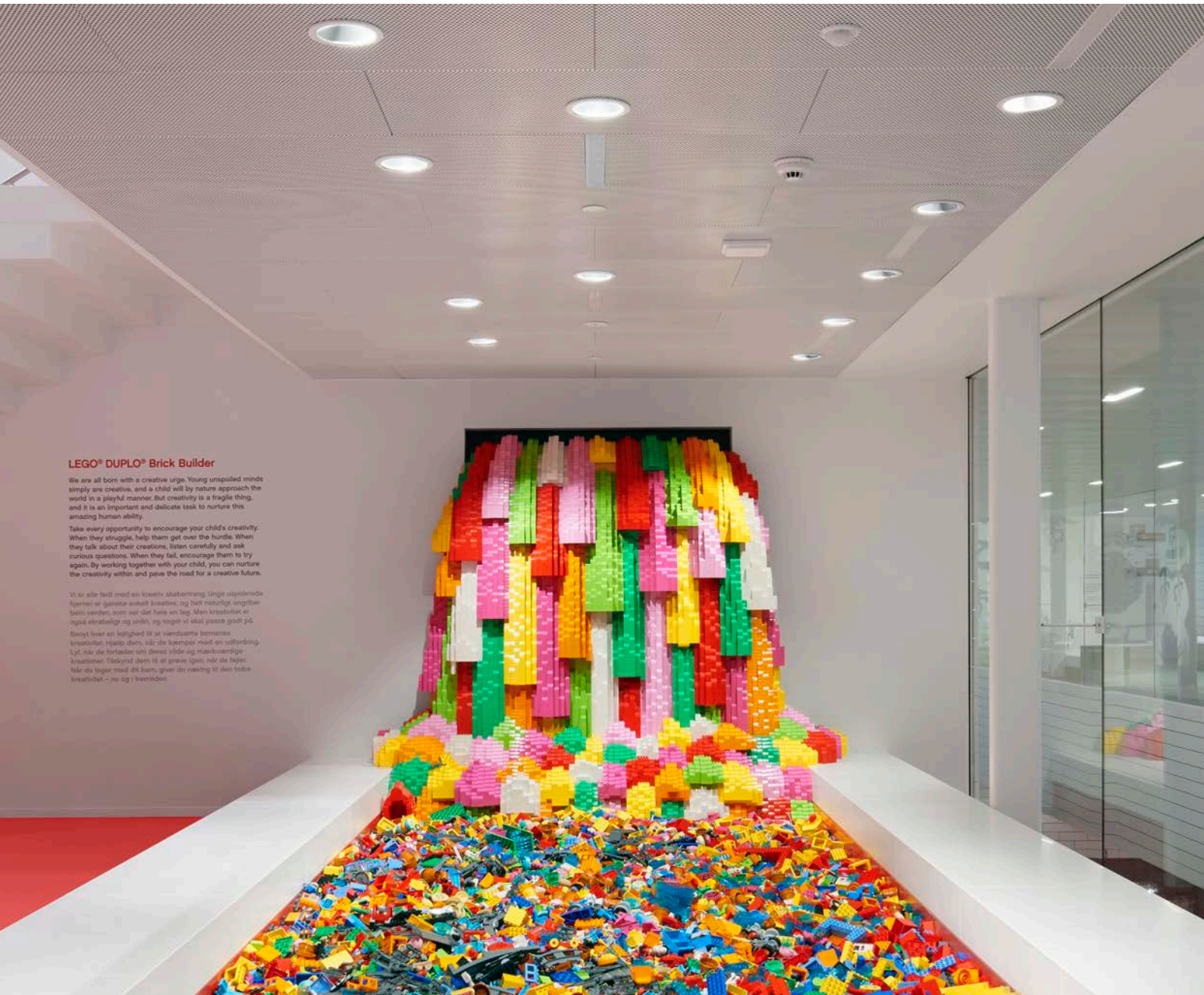
Black painted die-cast aluminium body for the ring version, white painted for the trimless versions. Adjustable 355° in the horizontal plane and 30° in the vertical plane with micrometric aiming system. Double aiming lock.

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	•		•	•





LEGO® DUPLO® Brick Builder

We are all born with a creative urge. Young unspoiled minds simply are creative, and a child will by nature approach the world in a playful manner. But creativity is a fragile thing, and it is an important and delicate task to nurture this amazing human ability.

Take every opportunity to encourage your child's creativity. When they struggle, help them get over the hurdle. When they talk about their creations, listen carefully and ask curious questions. When they fail, encourage them to try again. By working together with your child, you can nurture the creativity within and pave the road for a creative future.

Vi er alle født med en kreativ skabning, unge uspolerede hjerne er ganske enkelt kreative, og det naturlige angrebssensivitet, som når der ikke er noget. Men kreativitet er også skrøbeligt og smukt, og nøglen til at skabe succes er at støttere hver en lejlighed til at værdifulde menneskers kreativitet. Hjælp dem, når de kæmper med en udfordring. Lyt når de fortæller om deres vilde og mærkelige kreations. Tilskynd dem til at prøve igen, når de fejler. Når du leger med dit barn, giver du næring til den indre kreativitet – og så i fremtiden.

LEGO HOUSE 2017

ARCHITECT
Bjarke Ingels Group

LIGHTING DESIGN
Jesper Kongshaug

PHOTOGRAPHER
Gary Britton

COUNTRY
Billund - Denmark

CCTLED ARCHITECTURAL plus

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 CCTLED 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.

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.

03 CCTLED ARCHITECTURAL MICRO



The MICRO version is the latest fixture in the range.

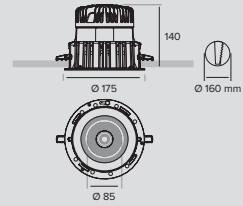
The 12W power output versions are available with three different beam openings: SP, FL and WFL. Precision PMMA optics for high efficiency solutions with beams with soft gradient tones make it particularly suitable for example for Retail installations or in Entertainment environments. The LED lamp is 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									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		10°		EL.	1T4805EL	1T4801EL	1T4802EL	
	Fixture Power	18W	1	0.17	30508	1-10V	1T4805D	1T4801D	1T4802D
	Source Flux	2055lm	2	0.34	7627	DALI	1T4805DA	1T4801DA	1T4802DA
	Fixture Flux	1290lm	3	0.52	3390				
	Efficacy	71lm/W	4	0.69	1907				
TS920	Imax=14846cd/klm	Imax	30508cd	5	0.86	1220			

LED / 26W / HYBRID / FL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		33°		EL.	1T4815EL	1T4811EL	1T4812EL	
	Fixture Power	28W	1	0.58	7556	1-10V	1T4815D	1T4811D	1T4812D
	Source Flux	3387lm	2	1.17	1889	DALI	1T4815DA	1T4811DA	1T4812DA
	Fixture Flux	2067lm	3	1.75	840				
	Efficacy	74lm/W	4	2.33	472				
TS921	Imax=2231cd/klm	Imax	7556cd	5	2.92	302			

LED / 25W / REFLECTOR / MWFL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		45°		EL.	1T3551EL	1T3114EL	1T3115EL	
	Fixture Power	27W	1	0.82	5842	1-10V	1T3551D	1T3114D	1T3115D
	Source Flux	3594lm	2	1.64	1460	DALI	1T3551DA	1T3114DA	1T3115DA
	Fixture Flux	3123lm	3	2.46	649				
	Efficacy	116lm/W	4	3.28	365				
TS738	Imax=1655cd/klm	Imax	5947cd	5	4.10	234			






LED / 25W / REFLECTOR / WFL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		59°		EL.	1T3553EL	1T3118EL	1T3119EL	
	Fixture Power	27W	1	1.13	4066	1-10V	1T3553D	1T3118D	1T3119D
	Source Flux	3594lm	2	2.26	1017	DALI	1T3553DA	1T3118DA	1T3119DA
	Fixture Flux	3168lm	3	3.39	452				
	Efficacy	117lm/W	4	4.51	254				
TS739	Imax=1142cd/klm	Imax	4105cd	5	5.64	163			

LED / 33W / REFLECTOR / SP									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		14°		EL.	1T3548EL	1T3108EL	1T3109EL	
	Fixture Power	36W	1	0.24	33910	1-10V	1T3548D	1T3108D	1T3109D
	Source Flux	4331lm	2	0.48	8478	DALI	1T3548DA	1T3108DA	1T3109DA
	Fixture Flux	3683lm	3	0.72	3768				
	Efficacy	103lm/W	4	0.96	2119				
TS732	Imax=7830cd/klm	Imax	33910cd	5	1.20	1356			

LED / 33W / REFLECTOR / FL











	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		28°			
	Fixture Power	36W	1	0.50	12789	
	Source Flux	4331lm	2	1.00	3197	
	Fixture Flux	3666lm	3	1.50	1421	
	Efficacy	103lm/W	4	2.00	799	
TS733	Imax=2953cd/klm	Imax	12789cd	5	2.50	512

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

LED / 33W / REFLECTOR / MWFL









	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		45°			
	Fixture Power	36W	1	0.82	7040	
	Source Flux	4331lm	2	1.64	1760	
	Fixture Flux	3764lm	3	2.46	782	
	Efficacy	105lm/W	4	3.28	440	
TS734	Imax=1655cd/klm	Imax	7166cd	5	4.10	282

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

LED / 33W / REFLECTOR / WFL






	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		59°			
	Fixture Power	36W	1	1.13	4900	
	Source Flux	4331lm	2	2.26	1225	
	Fixture Flux	3817lm	3	3.39	544	
	Efficacy	107lm/W	4	4.51	306	
TS735	Imax=1142cd/klm	Imax	4947cd	5	5.64	196

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

LED / 26W / DBS





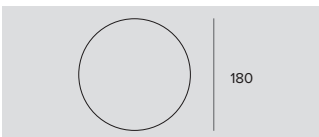



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		24°			
	Fixture Power	28W	1	0.43	6755	
	Source Flux	3387lm	2	0.86	1689	
	Fixture Flux	1575lm	3	1.29	751	
	Efficacy	56lm/W	4	1.72	422	
TS1103	Imax=1994cd/klm	Imax	6755cd	5	2.15	270

Driver	2700K	3000K	4000K
CASAMBI		1T6971CA	1T6972CA


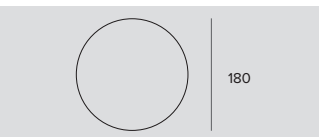


to consult the photometric data of the other beam apertures, please refer to the trimless version

Related codes

Decorative Ring


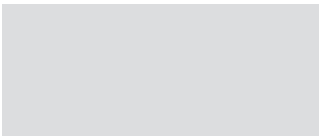
		Ø	Colour	Code
		180		1T2933
		180		1T3529

Round ring.

		Ø	Colour	Code
		180		1T2935
		180		1T3530

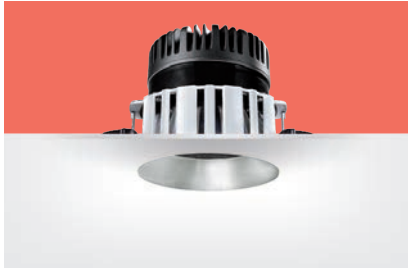
Square ring.

Plaster

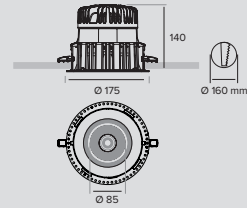
		Cutout hole	Code
		Ø367	1T4213

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

CCTLED ARCHITECTURAL



Fixed Trimless



LED / 14W / HYBRID / NSP

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		10°			
	Fixture Power	18W	1	0.17	30508	
	Source Flux	2055lm	2	0.34	7627	
	Fixture Flux	1290lm	3	0.52	3390	
	Efficacy	71lm/W	4	0.69	1907	
TS920	I _{max} =14846cd/klm	I _{max}	30508cd	5	0.86	1220

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

LED / 26W / HYBRID / FL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		33°			
	Fixture Power	28W	1	0.58	7556	
	Source Flux	3387lm	2	1.17	1889	
	Fixture Flux	2067lm	3	1.75	840	
	Efficacy	74lm/W	4	2.33	472	
TS921	I _{max} =2231cd/klm	I _{max}	7556cd	5	2.92	302

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

LED / 25W / REFLECTOR / MWFL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		45°			
	Fixture Power	27W	1	0.82	5842	
	Source Flux	3594lm	2	1.64	1460	
	Fixture Flux	3123lm	3	2.46	649	
	Efficacy	116lm/W	4	3.28	365	
TS738	I _{max} =1655cd/klm	I _{max}	5947cd	5	4.10	234

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

LED / 25W / REFLECTOR / WFL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		59°			
	Fixture Power	27W	1	1.13	4066	
	Source Flux	3594lm	2	2.26	1017	
	Fixture Flux	3168lm	3	3.39	452	
	Efficacy	117lm/W	4	4.51	254	
TS739	I _{max} =1142cd/klm	I _{max}	4105cd	5	5.64	163

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

LED / 33W / REFLECTOR / SP

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		14°			
	Fixture Power	36W	1	0.24	33910	
	Source Flux	4331lm	2	0.48	8478	
	Fixture Flux	3683lm	3	0.72	3768	
	Efficacy	103lm/W	4	0.96	2119	
TS732	I _{max} =7830cd/klm	I _{max}	33910cd	5	1.20	1356

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

LED / 33W / REFLECTOR / FL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		28°			
	Fixture Power	36W	1	0.50	12789	
	Source Flux	4331lm	2	1.00	3197	
	Fixture Flux	3666lm	3	1.50	1421	
	Efficacy	103lm/W	4	2.00	799	
TS733	I _{max} =2953cd/klm	I _{max}	12789cd	5	2.50	512

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

LED / 33W / REFLECTOR / MWFL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				45°		
Fixture Power	36W	1	0.82	7040		
Source Flux	4331lm	2	1.64	1760		
Fixture Flux	3764lm	3	2.46	782		
Efficacy	105lm/W	4	3.28	440		
TS734	I _{max} =1655cd/klm	I _{max}	7166cd	5	4.10	282

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

LED / 33W / REFLECTOR / WFL

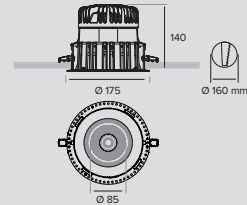


		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				59°		
Fixture Power	36W	1	1.13	4900		
Source Flux	4331lm	2	2.26	1225		
Fixture Flux	3817lm	3	3.39	544		
Efficacy	107lm/W	4	4.51	306		
TS735	I _{max} =1142cd/klm	I _{max}	4947cd	5	5.64	196

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



Fixed Trimless DBS



LED / 26W / DBS



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				14°		
Fixture Power	28W	1	0.25	19042		
Source Flux	3387lm	2	0.50	4761		
Fixture Flux	1619lm	3	0.75	2116		
Efficacy	58lm/W	4	1.00	1190		
TS1102	I _{max} =5622cd/klm	I _{max}	19042cd	5	1.26	762

Driver	Colour	2700K	3000K	4000K
CASAMBI	○		1T6973CA	1T6974CA

		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				24°		
Fixture Power	28W	1	0.43	6755		
Source Flux	3387lm	2	0.86	1689		
Fixture Flux	1575lm	3	1.29	751		
Efficacy	56lm/W	4	1.72	422		
TS1103	I _{max} =1994cd/klm	I _{max}	6755cd	5	2.15	270

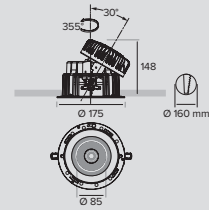
		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				31°		
Fixture Power	28W	1	0.56	4104		
Source Flux	3387lm	2	1.13	1026		
Fixture Flux	1525lm	3	1.69	456		
Efficacy	54lm/W	4	2.25	256		
TS1104	I _{max} =1212cd/klm	I _{max}	4104cd	5	2.82	164

		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				45°		
Fixture Power	28W	1	0.83	1955		
Source Flux	3387lm	2	1.67	489		
Fixture Flux	1338lm	3	2.50	217		
Efficacy	48lm/W	4	3.34	122		
TS1105	I _{max} =577cd/klm	I _{max}	1955cd	5	4.17	78

CCTLED ARCHITECTURAL



Adjustable



LED / 14W / HYBRID / NSP / CR184									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		10°		EL.	1T4806EL	1T4797EL	1T4798EL	
	Fixture Power	18W	1	0.17	30508	1-10V	1T4806D	1T4797D	1T4798D
	Source Flux	2055lm	2	0.34	7627	DALI	1T4806DA	1T4797DA	1T4798DA
	Fixture Flux	1290lm	3	0.52	3390				
	Efficacy	71lm/W	4	0.69	1907				
TS920	Imax=14846cd/klm	Imax	30508cd	5	0.86	1220			

LED / 26W / HYBRID / FL / CR184									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		33°		EL.	1T4816EL	1T4819EL	1T4820EL	
	Fixture Power	28W	1	0.58	7556	1-10V	1T4816D	1T4819D	1T4820D
	Source Flux	3387lm	2	1.17	1889	DALI	1T4816DA	1T4819DA	1T4820DA
	Fixture Flux	2067lm	3	1.75	840				
	Efficacy	74lm/W	4	2.33	472				
TS921	Imax=2231cd/klm	Imax	7556cd	5	2.92	302			

LED / 25W / REFLECTOR / MWFL / CR184									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		45°		EL.	1T3559EL	1T3082EL	1T3083EL	
	Fixture Power	27W	1	0.82	5842	1-10V	1T3559D	1T3082D	1T3083D
	Source Flux	3594lm	2	1.64	1460	DALI	1T3559DA	1T3082DA	1T3083DA
	Fixture Flux	3123lm	3	2.46	649				
	Efficacy	116lm/W	4	3.28	365				
TS738	Imax=1655cd/klm	Imax	5947cd	5	4.10	234			

LED / 25W / REFLECTOR / WFL / CR184									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		59°		EL.	1T3561EL	1T3086EL	1T3087EL	
	Fixture Power	27W	1	1.13	4066	1-10V	1T3561D	1T3086D	1T3087D
	Source Flux	3594lm	2	2.26	1017	DALI	1T3561DA	1T3086DA	1T3087DA
	Fixture Flux	3168lm	3	3.39	452				
	Efficacy	117lm/W	4	4.51	254				
TS739	Imax=1142cd/klm	Imax	4105cd	5	5.64	163			

LED / 33W / REFLECTOR / SP / CR184									
	3000K	H(m)	D(m)	Emax(lx)	Driver	2700K	3000K	4000K	
	Ra84		14°		EL.	1T3556EL	1T3076EL	1T3077EL	
	Fixture Power	36W	1	0.24	33910	1-10V	1T3556D	1T3076D	1T3077D
	Source Flux	4331lm	2	0.48	8478	DALI	1T3556DA	1T3076DA	1T3077DA
	Fixture Flux	3683lm	3	0.72	3768				
	Efficacy	103lm/W	4	0.96	2119				
TS732	Imax=7830cd/klm	Imax	33910cd	5	1.20	1356			

LED / 33W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		14°			
	Fixture Power	36W	1	0.24	26089	
	Source Flux	3332lm	2	0.48	6522	
	Fixture Flux	2834lm	3	0.72	2899	
	Efficacy	79lm/W	4	0.96	1631	
TS732	Imax=7830cd/klm	Imax	26089cd	5	1.20	1044

Driver	2700K	3000K	4000K
EL.		1T4264EL	
1-10V		1T4264D	
DALI		1T4264DA	

LED / 33W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		28°			
	Fixture Power	36W	1	0.50	12789	
	Source Flux	4331lm	2	1.00	3197	
	Fixture Flux	3666lm	3	1.50	1421	
	Efficacy	103lm/W	4	2.00	799	
TS733	Imax=2953cd/klm	Imax	12789cd	5	2.50	512

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

LED / 33W / REFLECTOR / FL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		28°			
	Fixture Power	36W	1	0.50	9839	
	Source Flux	3332lm	2	1.00	2460	
	Fixture Flux	2820lm	3	1.50	1093	
	Efficacy	79lm/W	4	2.00	615	
TS733	Imax=2953cd/klm	Imax	9839cd	5	2.50	394

Driver	2700K	3000K	4000K
EL.		1T4266EL	
1-10V		1T4266D	
DALI		1T4266DA	

LED / 33W / REFLECTOR / MWFL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		45°			
	Fixture Power	36W	1	0.82	7040	
	Source Flux	4331lm	2	1.64	1760	
	Fixture Flux	3764lm	3	2.46	782	
	Efficacy	105lm/W	4	3.28	440	
TS734	Imax=1655cd/klm	Imax	7166cd	5	4.10	282

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

LED / 33W / REFLECTOR / MWFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		45°			
	Fixture Power	36W	1	0.82	5416	
	Source Flux	3332lm	2	1.64	1354	
	Fixture Flux	2895lm	3	2.46	602	
	Efficacy	81lm/W	4	3.28	338	
TS734	Imax=1655cd/klm	Imax	5513cd	5	4.10	217

Driver	2700K	3000K	4000K
EL.		1T4268EL	
1-10V		1T4268D	
DALI		1T4268DA	

LED / 33W / REFLECTOR / WFL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		59°			
	Fixture Power	36W	1	1.13	4900	
	Source Flux	4331lm	2	2.26	1225	
	Fixture Flux	3817lm	3	3.39	544	
	Efficacy	107lm/W	4	4.51	306	
TS735	Imax=1142cd/klm	Imax	4947cd	5	5.64	196

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

CCTLED ARCHITECTURAL

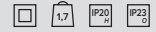
LED / 33W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra97		59°		
Fixture Power	36W	1	1.13	3770	
Source Flux	3332lm	2	2.26	942	
Fixture Flux	2937lm	3	3.39	419	
Efficacy	82lm/W	4	4.51	236	
TS735	I _{max} =1142cd/klm	I _{max}	3806cd	5, 5.64	151

Driver	2700K	3000K	4000K
EL		1T4270EL	
1-10V		1T4270D	
DALI		1T4270DA	

LED / 26W / DBS / CRI84



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		14°			
Fixture Power	28W	1	0.25	19042		
Source Flux	3387lm	2	0.50	4761		
Fixture Flux	1619lm	3	0.75	2116		
Efficacy	58lm/W	4	1.00	1190		
TS1102	I _{max} =5622cd/klm	I _{max}	19042cd	5	1.26	762

Driver	2700K	3000K	4000K
CASAMBI		1T6975CA	1T6976CA

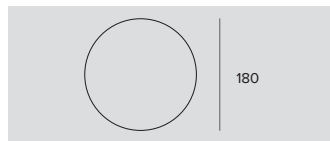
	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		24°			
Fixture Power	28W	1	0.43	6755		
Source Flux	3387lm	2	0.86	1689		
Fixture Flux	1575lm	3	1.29	751		
Efficacy	56lm/W	4	1.72	422		
TS1103	I _{max} =1994cd/klm	I _{max}	6755cd	5	2.15	270

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		31°			
Fixture Power	28W	1	0.56	4104		
Source Flux	3387lm	2	1.13	1026		
Fixture Flux	1525lm	3	1.69	456		
Efficacy	54lm/W	4	2.25	256		
TS1104	I _{max} =1212cd/klm	I _{max}	4104cd	5	2.82	164

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		45°			
Fixture Power	28W	1	0.83	1955		
Source Flux	3387lm	2	1.67	489		
Fixture Flux	1338lm	3	2.50	217		
Efficacy	48lm/W	4	3.34	122		
TS1105	I _{max} =577cd/klm	I _{max}	1955cd	5	4.17	78

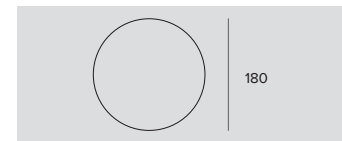
Related codes

Decorative Ring



Ø	Colour	Code
180	○	1T2933
180	●	1T3529

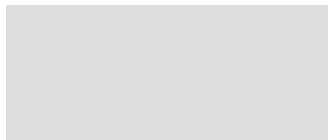
Round ring.



Ø	Colour	Code
180	○	1T2935
180	●	1T3530

Square ring.

Plaster

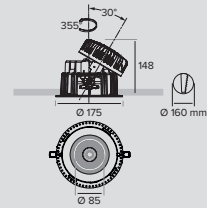


Cutout hole	Code
Ø367	1T4213

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



Adjustable Trimless



LED / 14W / HYBRID / NSP / CR184 □ 1.6 IP20_H IP23_G

	3000K	H(m)	D(m)	Emax(lx)
Ra84			10°	
Fixture Power	18W	1	0.17	30508
Source Flux	2055lm	2	0.34	7627
Fixture Flux	1290lm	3	0.52	3390
Efficacy	71lm/W	4	0.69	1907
TS920	Imax=14846cd/klm	Imax	30508cd	5 0.86 1220

Driver	2700K	3000K	4000K
EL.	1T4808EL	1T4799EL	1T4800EL
1-10V	1T4808D	1T4799D	1T4800D
DALI	1T4808DA	1T4799DA	1T4800DA

LED / 26W / HYBRID / FL / CR184 □ 1.6 IP20_H IP23_G

	3000K	H(m)	D(m)	Emax(lx)
Ra84			33°	
Fixture Power	28W	1	0.58	7556
Source Flux	3387lm	2	1.17	1889
Fixture Flux	2067lm	3	1.75	840
Efficacy	74lm/W	4	2.33	472
TS921	Imax=2231cd/klm	Imax	7556cd	5 2.92 302

Driver	2700K	3000K	4000K
EL.	1T4818EL	1T4809EL	1T4810EL
1-10V	1T4818D	1T4809D	1T4810D
DALI	1T4818DA	1T4809DA	1T4810DA

LED / 25W / REFLECTOR / MWFL / CR184 □ 1.6 IP20_H IP23_G ENEC

	3000K	H(m)	D(m)	Emax(lx)
Ra84			45°	
Fixture Power	27W	1	0.82	5842
Source Flux	3594lm	2	1.64	1460
Fixture Flux	3123lm	3	2.46	649
Efficacy	116lm/W	4	3.28	365
TS738	Imax=1655cd/klm	Imax	5947cd	5 4.10 234

Driver	2700K	3000K	4000K
EL.	1T3575EL	1T3098EL	1T3099EL
1-10V	1T3575D	1T3098D	1T3099D
DALI	1T3575DA	1T3098DA	1T3099DA

LED / 25W / REFLECTOR / WFL / CR184 □ 1.6 IP20_H IP23_G ENEC

	3000K	H(m)	D(m)	Emax(lx)
Ra84			59°	
Fixture Power	27W	1	1.13	4066
Source Flux	3594lm	2	2.26	1017
Fixture Flux	3168lm	3	3.39	452
Efficacy	117lm/W	4	4.51	254
TS739	Imax=1142cd/klm	Imax	4105cd	5 5.64 163

Driver	2700K	3000K	4000K
EL.	1T3577EL	1T3102EL	1T3103EL
1-10V	1T3577D	1T3102D	1T3103D
DALI	1T3577DA	1T3102DA	1T3103DA

LED / 33W / REFLECTOR / SP / CR184 □ 1.6 IP20_H IP23_G ENEC

	3000K	H(m)	D(m)	Emax(lx)
Ra84			14°	
Fixture Power	36W	1	0.24	33910
Source Flux	4331lm	2	0.48	8478
Fixture Flux	3683lm	3	0.72	3768
Efficacy	103lm/W	4	0.96	2119
TS732	Imax=7830cd/klm	Imax	33910cd	5 1.20 1356

Driver	2700K	3000K	4000K
EL.	1T3572EL	1T3092EL	1T3093EL
1-10V	1T3572D	1T3092D	1T3093D
DALI	1T3572DA	1T3092DA	1T3093DA

CCTLED ARCHITECTURAL

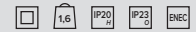
LED / 33W / REFLECTOR / SP / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		14°		
Fixture Power	36W	1	0.24	26089		
Source Flux	3332lm	2	0.48	6522		
Fixture Flux	2834lm	3	0.72	2899		
Efficacy	79lm/W	4	0.96	1631		
TS732	Imax=7830cd/klm	Imax	26089cd	5	1.20	1044

Driver	2700K	3000K	4000K
EL.		1T4272EL	
1-10V		1T4272D	
DALI		1T4272DA	

LED / 33W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		28°		
Fixture Power	36W	1	0.50	12789		
Source Flux	4331lm	2	1.00	3197		
Fixture Flux	3666lm	3	1.50	1421		
Efficacy	103lm/W	4	2.00	799		
TS733	Imax=2953cd/klm	Imax	12789cd	5	2.50	512

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

LED / 33W / REFLECTOR / FL / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		28°		
Fixture Power	36W	1	0.50	9839		
Source Flux	3332lm	2	1.00	2460		
Fixture Flux	2820lm	3	1.50	1093		
Efficacy	79lm/W	4	2.00	615		
TS733	Imax=2953cd/klm	Imax	9839cd	5	2.50	394

Driver	2700K	3000K	4000K
EL.		1T4274EL	
1-10V		1T4274D	
DALI		1T4274DA	

LED / 33W / REFLECTOR / MWFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		45°		
Fixture Power	36W	1	0.82	7040		
Source Flux	4331lm	2	1.64	1760		
Fixture Flux	3764lm	3	2.46	782		
Efficacy	105lm/W	4	3.28	440		
TS734	Imax=1655cd/klm	Imax	7166cd	5	4.10	282

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

LED / 33W / REFLECTOR / MWFL / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		45°		
Fixture Power	36W	1	0.82	5416		
Source Flux	3332lm	2	1.64	1354		
Fixture Flux	2895lm	3	2.46	602		
Efficacy	81lm/W	4	3.28	338		
TS734	Imax=1655cd/klm	Imax	5513cd	5	4.10	217

Driver	2700K	3000K	4000K
EL.		1T4276EL	
1-10V		1T4276D	
DALI		1T4276DA	

LED / 33W / REFLECTOR / WFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		59°		
Fixture Power	36W	1	1.13	4900		
Source Flux	4331lm	2	2.26	1225		
Fixture Flux	3817lm	3	3.39	544		
Efficacy	107lm/W	4	4.51	306		
TS735	Imax=1142cd/klm	Imax	4947cd	5	5.64	196

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

LED / 33W / REFLECTOR / WFL / CRI97

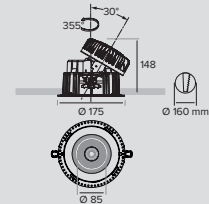


	3000K	H(m)	D(m)	E _{max} (lx)
	Ra97		59°	
Fixture Power	36W	1	1.13	3770
Source Flux	3332lm	2	2.26	942
Fixture Flux	2937lm	3	3.39	419
Efficacy	82lm/W	4	4.51	236
TS735	I _{max} =1142cd/klm	I _{max}	3806cd	5, 5.64, 151

Driver	2700K	3000K	4000K
EL.		1T4278EL	
1-10V		1T4278D	
DALI		1T4278DA	



Adjustable Trimless DBS



LED / 26W / DBS / CRI84



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		14°	
Fixture Power	28W	1	0.25	19042
Source Flux	3387lm	2	0.50	4761
Fixture Flux	1619lm	3	0.75	2116
Efficacy	58lm/W	4	1.00	1190
TS1102	I _{max} =5622cd/klm	I _{max}	19042cd	5, 1.26, 762

Driver	2700K	3000K	4000K
CASAMBI		1T6977CA	1T6978CA

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		24°	
Fixture Power	28W	1	0.43	6755
Source Flux	3387lm	2	0.86	1689
Fixture Flux	1575lm	3	1.29	751
Efficacy	56lm/W	4	1.72	422
TS1103	I _{max} =1994cd/klm	I _{max}	6755cd	5, 2.15, 270

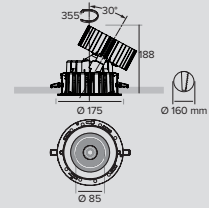
	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		31°	
Fixture Power	28W	1	0.56	4104
Source Flux	3387lm	2	1.13	1026
Fixture Flux	1525lm	3	1.69	456
Efficacy	54lm/W	4	2.25	256
TS1104	I _{max} =1212cd/klm	I _{max}	4104cd	5, 2.82, 164

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		45°	
Fixture Power	28W	1	0.83	1955
Source Flux	3387lm	2	1.67	489
Fixture Flux	1338lm	3	2.50	217
Efficacy	48lm/W	4	3.34	122
TS1105	I _{max} =577cd/klm	I _{max}	1955cd	5, 4.17, 78

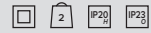
CCTLED ARCHITECTURAL



HP Adjustable



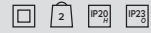
LED / 54W / REFLECTOR / SP



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		23°	
Fixture Power	63W	1	0.41	29000
Source Flux	8533lm	2	0.81	7250
Fixture Flux	7257lm	3	1.22	3222
Efficacy	115lm/W	4	1.63	1812
TS914	I _{max} =3399cd/klm	I _{max}	29000cd	5 2.03 1160

Driver	3000K	4000K
EL.	1T4838EL	1T4839EL
1-10V	1T4838D	1T4839D
DALI	1T4838DA	1T4839DA

LED / 54W / REFLECTOR / FL

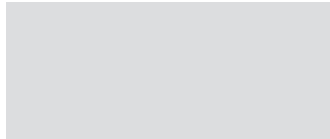


	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		36°	
Fixture Power	63W	1	0.64	17848
Source Flux	8533lm	2	1.29	4462
Fixture Flux	7223lm	3	1.93	1983
Efficacy	115lm/W	4	2.58	1115
TS915	I _{max} =2092cd/klm	I _{max}	17848cd	5 3.22 714

Driver	3000K	4000K
EL.	1T4840EL	1T4841EL
1-10V	1T4840D	1T4841D
DALI	1T4840DA	1T4841DA

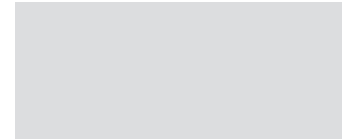
Related codes

Decorative Ring



Ø	Colour	Code
180	○	1T2933
180	●	1T3529

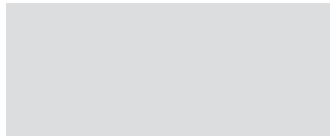
Round ring.



Ø	Colour	Code
180	○	1T2935
180	●	1T3530

Square ring.

Plaster

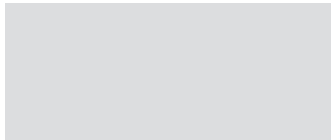





Cutout hole	Code
Ø367	1T4213

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

Accessories

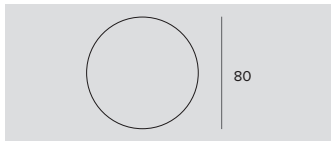
Reflector



Colour	Code
	1T3138
	1T3139
	1T3422

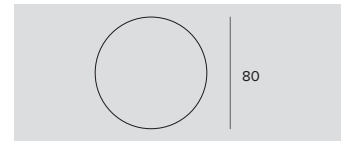
Secondary reflector.

Filter



Filter	Ø	Code
Red	80	1T3424
Green	80	1T3425
Blue	80	1T3426
Yellow	80	1T3427
Magenta	80	1T3428

Flat glass interference chromatic filter.



Ø	Code
80	1T3141

Flat glass, grooved refractive blade light filter.

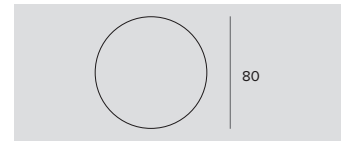
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.



Ø	Code
80	1T3140

Flat glass micro prismatic refractive diffusive filter.

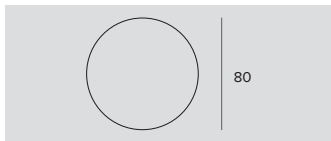
This softens the luminous effect.



Filter	Ø	Code
Halogen +	80	1T6382
Vivid +	80	1T6384

Art filter.

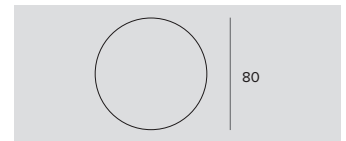
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Meat	80	1T6386
Fish	80	1T6388
Bread	80	1T6390
Vegetable	80	1T6392

Food filter.

Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	80	1T6394

Beauty filter.

Flat glass interference filter to vary the colour temperature of light.

CCTLED ARCHITECTURAL

Grid



Ø	Code
80	1T3423

Anti-glare louver.
Black painted metal honeycomb structure.


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.

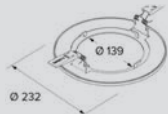
Cut-off



Ø	Code
80	1T3142

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

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.

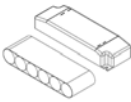
Ip Kit



Ø	Code
180	1T2937

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

Emergency Kit



Code
1T3144

Emergency kit.
Inverter + 3h battery pack.

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.

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.
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



Code

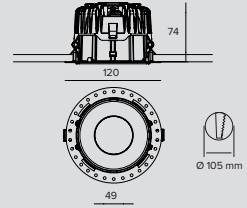
1T5352

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.
It prevents any change to the management features provided by the Casambi system.

CCTLED ARCHITECTURAL



Mini Fixed



LED / 11W / LENSE / SP □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			15°			
Fixture Power	14W	1	0.27	16914		
Source Flux	1786lm	2	0.53	4229		
Fixture Flux	1336lm	3	0.80	1879		
Efficacy	98lm/W	4	1.07	1057		
TS874	Imax=9470cd/klm	Imax	16914cd	5	1.33	677

Driver	Colour	3000K	4000K
EL.	○	1T4644EL	1T4645EL
DALI	○	1T4644DA	1T4645DA

LED / 18W / LENSE / SP □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			24°			
Fixture Power	20W	1	0.43	8803		
Source Flux	2466lm	2	0.87	2201		
Fixture Flux	1800lm	3	1.30	978		
Efficacy	89lm/W	4	1.73	550		
TS870	Imax=3570cd/klm	Imax	8803cd	5	2.17	352

Driver	Colour	3000K	4000K
EL.	○	1T4656EL	1T4657EL
DALI	○	1T4656DA	1T4657DA

LED / 12W / LENSE / FL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			30°			
Fixture Power	14W	1	0.54	4825		
Source Flux	1837lm	2	1.09	1206		
Fixture Flux	1315lm	3	1.63	536		
Efficacy	97lm/W	4	2.17	302		
TS872	Imax=2627cd/klm	Imax	4825cd	5	2.72	193

Driver	Colour	3000K	4000K
EL.	○	1T4648EL	1T4649EL
DALI	○	1T4648DA	1T4649DA

LED / 12W / REFLECTOR / MWFL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			48°			
Fixture Power	14W	1	0.90	2476		
Source Flux	1837lm	2	1.80	619		
Fixture Flux	1520lm	3	2.69	275		
Efficacy	113lm/W	4	3.59	155		
TS873	Imax=1372cd/klm	Imax	2520cd	5	4.49	99

Driver	Colour	3000K	4000K
EL.	○	1T4652EL	1T4653EL
DALI	○	1T4652DA	1T4653DA

LED / 18W / REFLECTOR / MWFL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			48°			
Fixture Power	20W	1	0.90	3323		
Source Flux	2466lm	2	1.80	831		
Fixture Flux	2041lm	3	2.69	369		
Efficacy	101lm/W	4	3.59	208		
TS869	Imax=1372cd/klm	Imax	3383cd	5	4.49	133

Driver	Colour	3000K	4000K
EL.	○	1T4660EL	1T4661EL
DALI	○	1T4660DA	1T4661DA

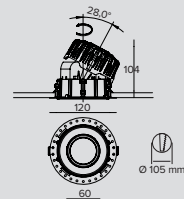
LED / 18W / REFLECTOR / WFL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			60°			
Fixture Power	20W	1	1.16	2406		
Source Flux	2466lm	2	2.32	601		
Fixture Flux	1979lm	3	3.47	267		
Efficacy	98lm/W	4	4.63	150		
TS871	Imax=976cd/klm	Imax	2407cd	5	5.79	96

Driver	Colour	3000K	4000K
EL.	○	1T4664EL	1T4665EL
DALI	○	1T4664DA	1T4665DA



Mini Adjustable



LED / 3W / LENSE / NSP □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	5W	1	0.15	4436
Source Flux	200lm	2	0.30	1109
Fixture Flux	163lm	3	0.45	493
Efficacy	31lm/W	4	0.60	277
TS875	Imax=22178cd/klm	Imax	4436cd	5 0.75 177

Driver	Colour	3000K	4000K
EL.	○	1T4668EL	1T4669EL
DALI	○	1T4668DA	1T4669DA

LED / 11W / LENSE / SP □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)
Ra84			15°	
Fixture Power	14W	1	0.27	16914
Source Flux	1786lm	2	0.53	4229
Fixture Flux	1336lm	3	0.80	1879
Efficacy	98lm/W	4	1.07	1057
TS874	Imax=9470cd/klm	Imax	16914cd	5 1.33 677

Driver	Colour	3000K	4000K
EL.	○	1T4672EL	1T4673EL
DALI	○	1T4672DA	1T4673DA

LED / 18W / LENSE / SP □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)
Ra84			24°	
Fixture Power	20W	1	0.43	8803
Source Flux	2466lm	2	0.87	2201
Fixture Flux	1800lm	3	1.30	978
Efficacy	89lm/W	4	1.73	550
TS870	Imax=3570cd/klm	Imax	8803cd	5 2.17 352

Driver	Colour	3000K	4000K
EL.	○	1T4684EL	1T4685EL
DALI	○	1T4684DA	1T4685DA

LED / 12W / LENSE / FL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)
Ra84			30°	
Fixture Power	14W	1	0.54	4825
Source Flux	1837lm	2	1.09	1206
Fixture Flux	1315lm	3	1.63	536
Efficacy	97lm/W	4	2.17	302
TS872	Imax=2627cd/klm	Imax	4825cd	5 2.72 193

Driver	Colour	3000K	4000K
EL.	○	1T4676EL	1T4677EL
DALI	○	1T4676DA	1T4677DA

LED / 12W / REFLECTOR / MWFL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)
Ra84			48°	
Fixture Power	14W	1	0.90	2476
Source Flux	1837lm	2	1.80	619
Fixture Flux	1520lm	3	2.69	275
Efficacy	113lm/W	4	3.59	155
TS873	Imax=1372cd/klm	Imax	2520cd	5 4.49 99

Driver	Colour	3000K	4000K
EL.	○	1T4680EL	1T4681EL
DALI	○	1T4680DA	1T4681DA

LED / 18W / REFLECTOR / MWFL □ 0,5 IP20 IP43

	3000K	H(m)	D(m)	Emax(lx)
Ra84			48°	
Fixture Power	20W	1	0.90	3323
Source Flux	2466lm	2	1.80	831
Fixture Flux	2041lm	3	2.69	369
Efficacy	101lm/W	4	3.59	208
TS869	Imax=1372cd/klm	Imax	3383cd	5 4.49 133

Driver	Colour	3000K	4000K
EL.	○	1T4688EL	1T4689EL
DALI	○	1T4688DA	1T4689DA

CCTLED ARCHITECTURAL

LED / 18W / REFLECTOR / WFL

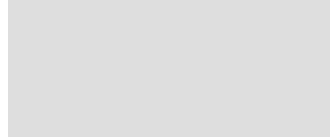
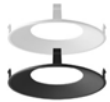


	3000K	H(m)	D(m)	E _{max} (lx)
Ra84			60°	
Fixture Power	20W	1	1.16	2406
Source Flux	2466lm	2	2.32	601
Fixture Flux	1979lm	3	3.47	267
Efficacy	98lm/W	4	4.63	150
TS871	I _{max} =976cd/klm	I _{max}	2407cd	5
			5.79	96

Driver	Colour	3000K	4000K
EL.	○	1T4692EL	1T4693EL
DALI	○	1T4692DA	1T4693DA

Accessories

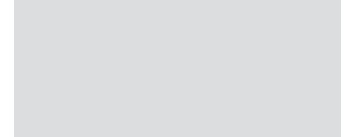
Reflector



Colour	Code
○	1T4706
●	1T4707

Secondary reflector for the fixed version.

Reflector



Colour	Code
○	1T4710
●	1T4711

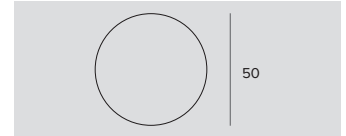
Secondary reflector for the adjustable version.

Filter



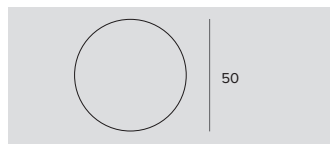
Filter	Ø	Code
Red	50	49881
Green	50	49882
Blue	50	49886
Yellow	50	49887
Magenta	50	49959

Flat glass interference chromatic filter.



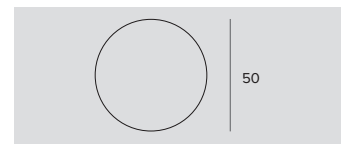
Ø	Code
50	1T4721

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



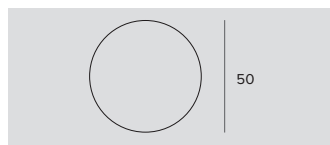
Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

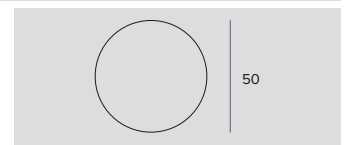
Food filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	50	1T6393

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.

Grid



Ø	Code
50	1T4322

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

Zoom



Ø	Code
50	1T4324

Zoom.

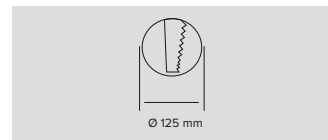
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

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°.

Insertion Ring



Cutout hole	Colour	Code
Ø125	○	1T5242
Ø125	●	1T5243
Ø125	◐	1T5244

Accessory for trimless inspectable installation.

Decorative Ring



Ø	Colour	Code
125	○	1T4696
125	●	1T4697

Round white ring.



L	Colour	Code
125x125	○	1T4698
125x125	●	1T4699

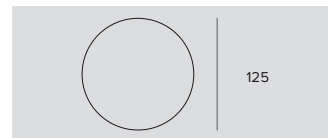
Square ring.



Ø	Colour	Code
125	○	1T4700
125	●	1T4701

Pinhole ring for the fixed version.

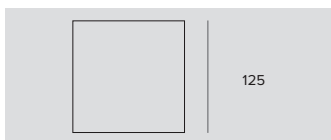
We recommend this in combination with the black secondary reflector.



Ø	Colour	Code
125	○	1T4702
125	●	1T4703

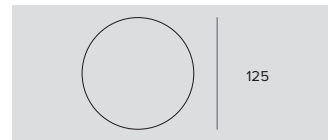
Pinhole ring for the adjustable version.

We recommend this in combination with the black secondary reflector.



L	Colour	Code
125x125	○	1T4714
125x125	●	1T4715
125x125	◐ ◑	1T4716
125x125	◐ ●	1T4717

Square ring with square hole.
For the adjustable version.



Ø	Colour	Code
125	○	1T4704
125	●	1T4705

Round ring (IP54).

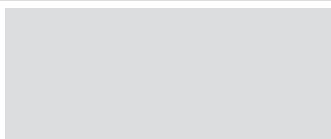
Emergency Kit

Code

1T3144

Emergency kit. Inverter + 3h battery pack.

Control systems

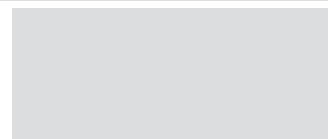


Code

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. 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



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.

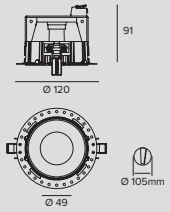
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.

It prevents any change to the management features provided by the Casambi system.

CCTLED ARCHITECTURAL



Mini GU10 Fixed



LED MR16 / 6-7-7,5W / GU10

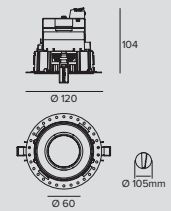


Lamp height max 58mm

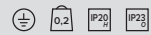
Power supply	Colour	Code
220-240Vac	○	1T5935



Mini GU10 Adjustable



LED MR16 / 6-7-7,5W / GU10

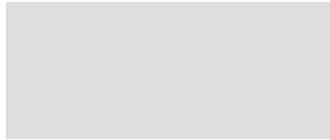
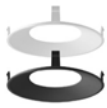


Lamp height max 58mm

Power supply	Colour	Code
220-240Vac	○	1T5936

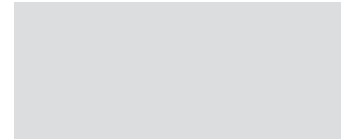
Accessories

Reflector



Colour	Code
○	1T4706
●	1T4707

Secondary reflector for the fixed version.



Colour	Code
○	1T4710
●	1T4711

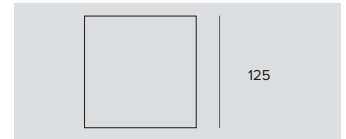
Secondary reflector for the adjustable version.

Decorative Ring



Ø	Colour	Code
125	○	1T4696
125	●	1T4697

Round white ring.



L	Colour	Code
125x125	○	1T4698
125x125	●	1T4699

Square ring.



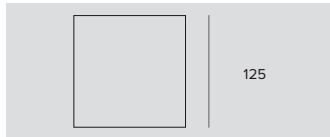
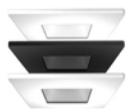
Ø	Colour	Code
125	○	1T4700
125	●	1T4701

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



Ø	Colour	Code
125	○	1T4702
125	●	1T4703

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



L	Colour	Code
125x125	○	1T4714
125x125	●	1T4715
125x125	○ ●	1T4716
125x125	○ ●	1T4717

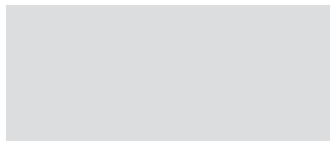
Square ring with square hole.
For the adjustable version.



Ø	Colour	Code
125	○	1T4704
125	●	1T4705

Round ring (IP54).

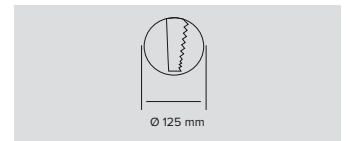
Source



	Codice
DR111 LED 15W (3000K) FL (30°) 2300cd G53 12V	08072
PAR16 LED GU10 6W (3000K) 38° 500lm 700cd	38630P
PAR16 LED GU10 6W (4000K) 38° 510lm 725cd	38640P

Non-dimmable.

Insertion Ring



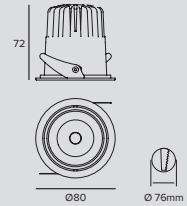
Cutout hole	Colour	Code
Ø125	○	1T5242
Ø125	●	1T5243
Ø125	○ ●	1T5244

Accessory for trimless inspectable installation.

CCTLED ARCHITECTURAL



Micro



LED / 12W / SP									
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K	
	Ra84		21°		350mA	○	1T6361	1T6362	
	Fixture Power	14W	1	0.37	7337	350mA	●	1T6367	1T6368
	Source Flux	1798lm	2	0.73	1834				
	Fixture Flux	1453lm	3	1.10	815				
	Efficacy	104lm/W	4	1.46	459				
TS1041	Imax=4080cd/klm	Imax	7337cd	5	1.83	293			

LED / 12W / FL									
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K	
	Ra84		36°		350mA	○	1T6363	1T6364	
	Fixture Power	14W	1	0.64	3320	350mA	●	1T6369	1T6370
	Source Flux	1798lm	2	1.28	830				
	Fixture Flux	1458lm	3	1.92	369				
	Efficacy	104lm/W	4	2.56	207				
TS1042	Imax=1846cd/klm	Imax	3320cd	5	3.20	133			

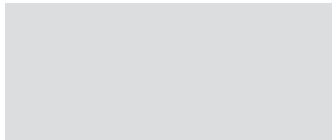
LED / 12W / WFL									
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K	
	Ra84		55°		350mA	○	1T6365	1T6366	
	Fixture Power	14W	1	1.03	1708	350mA	●	1T6371	1T6372
	Source Flux	1798lm	2	2.06	427				
	Fixture Flux	1354lm	3	3.10	190				
	Efficacy	97lm/W	4	4.13	107				
TS1043	Imax=950cd/klm	Imax	1708cd	5	5.16	68			

Related codes

Power Supply	
Code	Code
1T6503	1T6504
Electronic power supply max 15W, LxHxP=101.5x29.5x51mm, 220-240V-AC 50-60Hz, 350mA, IP20.	DALI dimmable electronic power supply max 15W, LxHxP=67x103x21mm, 220-240V-AC 50-60Hz, 350mA, IP20.

Accessories

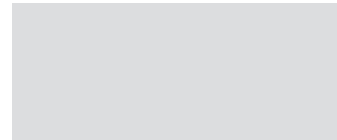
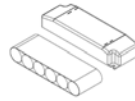
Reflector



Colour	Code
○	1T6407
●	1T6408

Secondary reflector.

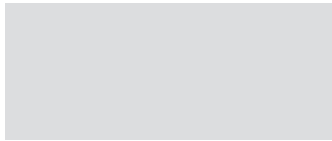
Emergency Kit



Code
1T3144

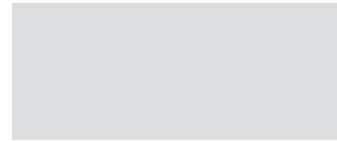
Emergency kit.
Inverter + 3h battery pack.

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.
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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



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.
It prevents any change to the management features provided by the Casambi system.

STORE

GIMBAL

GENERAL INFO

Recessed adjustable projector to be installed with or without a frame for single or multi-optical installations. 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.

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.

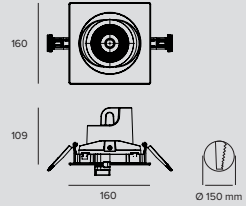
The recessed version has a square ring but is available with or without a frame as required. The version with a frame allows for single, double or triple modules with the frame accessory.



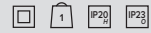
STORE



Gimbal modules for single installation without frame



LED / 19W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		14°			
	Fixture Power	22W	1	0.24	23022	
	Source Flux	2935lm	2	0.48	5755	
	Fixture Flux	2494lm	3	0.72	2558	
	Efficacy	112lm/W	4	0.96	1439	
	TS947	Imax=7844cd/klm	Imax	23022cd	5	1.20

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

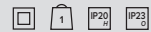
LED / 19W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		14°			
	Fixture Power	22W	1	0.24	17704	
	Source Flux	2257lm	2	0.48	4426	
	Fixture Flux	1918lm	3	0.72	1967	
	Efficacy	86lm/W	4	0.96	1106	
	TS947	Imax=7844cd/klm	Imax	17704cd	5	1.20

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

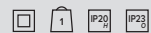
LED / 19W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		27°			
	Fixture Power	22W	1	0.49	9061	
	Source Flux	2935lm	2	0.97	2265	
	Fixture Flux	2486lm	3	1.46	1007	
	Efficacy	112lm/W	4	1.95	566	
	TS948	Imax=3087cd/klm	Imax	9061cd	5	2.43

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

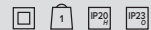
LED / 19W / REFLECTOR / FL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		27°			
	Fixture Power	22W	1	0.49	6968	
	Source Flux	2257lm	2	0.97	1742	
	Fixture Flux	1912lm	3	1.46	774	
	Efficacy	86lm/W	4	1.95	435	
	TS948	Imax=3087cd/klm	Imax	6968cd	5	2.43

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

LED / 19W / REFLECTOR / MWFL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		45°			
	Fixture Power	22W	1	0.82	4770	
	Source Flux	2935lm	2	1.64	1193	
	Fixture Flux	2550lm	3	2.46	530	
	Efficacy	115lm/W	4	3.28	298	
	TS949	Imax=1655cd/klm	Imax	4856cd	5	4.10

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

STORE

LED / 19W / REFLECTOR / MWFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)
	Ra97		45°	
Fixture Power	22W	1	0.82	3668
Source Flux	2257lm	2	1.64	917
Fixture Flux	1961lm	3	2.46	408
Efficacy	88lm/W	4	3.28	229
TS949	Imax=1655cd/klm	Imax	3734cd	5 4.10 147

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

LED / 19W / REFLECTOR / WFL / CRI84



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		59°	
Fixture Power	22W	1	1.13	3318
Source Flux	2935lm	2	2.26	830
Fixture Flux	2585lm	3	3.39	369
Efficacy	116lm/W	4	4.51	207
TS950	Imax=1141cd/klm	Imax	3350cd	5 5.64 133

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

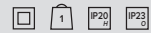
LED / 19W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)
	Ra97		59°	
Fixture Power	22W	1	1.13	2552
Source Flux	2257lm	2	2.26	638
Fixture Flux	1988lm	3	3.39	284
Efficacy	90lm/W	4	4.51	159
TS950	Imax=1141cd/klm	Imax	2576cd	5 5.64 102

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

LED / 33W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		14°	
Fixture Power	36W	1	0.24	33552
Source Flux	4277lm	2	0.48	8388
Fixture Flux	3635lm	3	0.72	3728
Efficacy	102lm/W	4	0.96	2097
TS951	Imax=7845cd/klm	Imax	33552cd	5 1.20 1342

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

LED / 33W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Emax(lx)
	Ra97		14°	
Fixture Power	36W	1	0.24	25809
Source Flux	3290lm	2	0.48	6452
Fixture Flux	2796lm	3	0.72	2868
Efficacy	78lm/W	4	0.96	1613
TS951	Imax=7845cd/klm	Imax	25809cd	5 1.20 1032

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

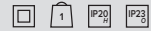
LED / 33W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		27°	
Fixture Power	36W	1	0.49	13204
Source Flux	4277lm	2	0.97	3301
Fixture Flux	3622lm	3	1.46	1467
Efficacy	101lm/W	4	1.95	825
TS952	Imax=3087cd/klm	Imax	13204cd	5 2.43 528

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

LED / 33W / REFLECTOR / FL / CRI97



<p>TS952</p>	3000K	H(m)	D(m)	Emax(lx)	
	Ra97		27°		
	Fixture Power	36W	1	0.49	10157
	Source Flux	3290lm	2	0.97	2539
	Fixture Flux	2786lm	3	1.46	1129
	Efficacy	78lm/W	4	1.95	635
	Imax	10157cd	5	2.43	406

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

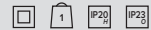
LED / 33W / REFLECTOR / MWFL / CRI84



<p>TS953</p>	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		45°		
	Fixture Power	36W	1	0.82	6951
	Source Flux	4277lm	2	1.64	1738
	Fixture Flux	3716lm	3	2.46	772
	Efficacy	104lm/W	4	3.28	434
	Imax	7076cd	5	4.10	278

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

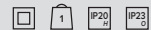
LED / 33W / REFLECTOR / MWFL / CRI97



<p>TS953</p>	3000K	H(m)	D(m)	Emax(lx)	
	Ra97		45°		
	Fixture Power	36W	1	0.82	5347
	Source Flux	3290lm	2	1.64	1337
	Fixture Flux	2859lm	3	2.46	594
	Efficacy	80lm/W	4	3.28	334
	Imax	5443cd	5	4.10	214

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

LED / 33W / REFLECTOR / WFL / CRI84



<p>TS954</p>	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		59°		
	Fixture Power	36W	1	1.13	4836
	Source Flux	4277lm	2	2.26	1209
	Fixture Flux	3768lm	3	3.39	537
	Efficacy	106lm/W	4	4.51	302
	Imax	4882cd	5	5.64	193

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

LED / 33W / REFLECTOR / WFL / CRI97

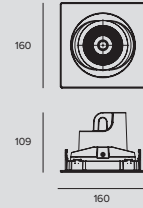


<p>TS954</p>	3000K	H(m)	D(m)	Emax(lx)	
	Ra97		59°		
	Fixture Power	36W	1	1.13	3720
	Source Flux	3290lm	2	2.26	930
	Fixture Flux	2898lm	3	3.39	413
	Efficacy	81lm/W	4	4.51	233
	Imax	3756cd	5	5.64	149

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



**Gimbal
modules for single
or multioptic installation
to be completed with
frame as accessory**



LED / 19W / REFLECTOR / SP / CRI84									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		14°		EL.	○	1T6445EL	1T6447EL
Fixture Power	22W	1	0.24	23022	EL.	●	1T6429EL	1T6431EL	
Source Flux	2935lm	2	0.48	5755	DALI	○	1T6445DA	1T6447DA	
Fixture Flux	2494lm	3	0.72	2558	DALI	●	1T6429DA	1T6431DA	
Efficacy	112lm/W	4	0.96	1439					
TS947	Imax=7844cd/klm	Imax	23022cd	5	1.20				

LED / 19W / REFLECTOR / SP / CRI97									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra97		14°		EL.	○	1T6446EL	1T6448EL
Fixture Power	22W	1	0.24	17704	EL.	●	1T6430EL	1T6432EL	
Source Flux	2257lm	2	0.48	4426	DALI	○	1T6446DA	1T6448DA	
Fixture Flux	1918lm	3	0.72	1967	DALI	●	1T6430DA	1T6432DA	
Efficacy	86lm/W	4	0.96	1106					
TS947	Imax=7844cd/klm	Imax	17704cd	5	1.20				

LED / 19W / REFLECTOR / FL / CRI84									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		27°		EL.	○	1T6449EL	1T6451EL
Fixture Power	22W	1	0.49	9061	EL.	●	1T6433EL	1T6435EL	
Source Flux	2935lm	2	0.97	2265	DALI	○	1T6449DA	1T6451DA	
Fixture Flux	2486lm	3	1.46	1007	DALI	●	1T6433DA	1T6435DA	
Efficacy	112lm/W	4	1.95	566					
TS948	Imax=3087cd/klm	Imax	9061cd	5	2.43				

LED / 19W / REFLECTOR / FL / CRI97									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra97		27°		EL.	○	1T6450EL	1T6452EL
Fixture Power	22W	1	0.49	6968	EL.	●	1T6434EL	1T6436EL	
Source Flux	2257lm	2	0.97	1742	DALI	○	1T6450DA	1T6452DA	
Fixture Flux	1912lm	3	1.46	774	DALI	●	1T6434DA	1T6436DA	
Efficacy	86lm/W	4	1.95	435					
TS948	Imax=3087cd/klm	Imax	6968cd	5	2.43				

LED / 19W / REFLECTOR / MWFL / CRI84									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		45°		EL.	○	1T6453EL	1T6455EL
Fixture Power	22W	1	0.82	4770	EL.	●	1T6437EL	1T6439EL	
Source Flux	2935lm	2	1.64	1193	DALI	○	1T6453DA	1T6455DA	
Fixture Flux	2550lm	3	2.46	530	DALI	●	1T6437DA	1T6439DA	
Efficacy	115lm/W	4	3.28	298					
TS949	Imax=1655cd/klm	Imax	4856cd	5	4.10				

LED / 19W / REFLECTOR / MWFL / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		45°	
Fixture Power	22W	1	0.82	3668	
Source Flux	2257lm	2	1.64	917	
Fixture Flux	1961lm	3	2.46	408	
Efficacy	88lm/W	4	3.28	229	
TS949	Imax=1655cd/klm	Imax	3734cd	5	4.10
					147

Driver	Colour	3000K	4000K
EL.	○	1T6454EL	1T6456EL
EL.	●	1T6438EL	1T6440EL
DALI	○	1T6454DA	1T6456DA
DALI	●	1T6438DA	1T6440DA

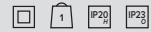
LED / 19W / REFLECTOR / WFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		59°	
Fixture Power	22W	1	1.13	3318	
Source Flux	2935lm	2	2.26	830	
Fixture Flux	2585lm	3	3.39	369	
Efficacy	116lm/W	4	4.51	207	
TS950	Imax=1141cd/klm	Imax	3350cd	5	5.64
					133

Driver	Colour	3000K	4000K
EL.	○	1T6457EL	1T6459EL
EL.	●	1T6441EL	1T6443EL
DALI	○	1T6457DA	1T6459DA
DALI	●	1T6441DA	1T6443DA

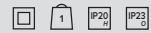
LED / 19W / REFLECTOR / WFL / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		59°	
Fixture Power	22W	1	1.13	2552	
Source Flux	2257lm	2	2.26	638	
Fixture Flux	1988lm	3	3.39	284	
Efficacy	90lm/W	4	4.51	159	
TS950	Imax=1141cd/klm	Imax	2576cd	5	5.64
					102

Driver	Colour	3000K	4000K
EL.	○	1T6458EL	1T6460EL
EL.	●	1T6442EL	1T6444EL
DALI	○	1T6458DA	1T6460DA
DALI	●	1T6442DA	1T6444DA

LED / 33W / REFLECTOR / SP / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		14°	
Fixture Power	36W	1	0.24	33552	
Source Flux	4277lm	2	0.48	8388	
Fixture Flux	3635lm	3	0.72	3728	
Efficacy	102lm/W	4	0.96	2097	
TS951	Imax=7845cd/klm	Imax	33552cd	5	1.20
					1342

Driver	Colour	3000K	4000K
EL.	○	1T6477EL	1T6479EL
EL.	●	1T6461EL	1T6463EL
DALI	○	1T6477DA	1T6479DA
DALI	●	1T6461DA	1T6463DA

LED / 33W / REFLECTOR / SP / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		14°	
Fixture Power	36W	1	0.24	25809	
Source Flux	3290lm	2	0.48	6452	
Fixture Flux	2796lm	3	0.72	2868	
Efficacy	78lm/W	4	0.96	1613	
TS951	Imax=7845cd/klm	Imax	25809cd	5	1.20
					1032

Driver	Colour	3000K	4000K
EL.	○	1T6478EL	1T6480EL
EL.	●	1T6462EL	1T6464EL
DALI	○	1T6478DA	1T6480DA
DALI	●	1T6462DA	1T6464DA

LED / 33W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		27°	
Fixture Power	36W	1	0.49	13204	
Source Flux	4277lm	2	0.97	3301	
Fixture Flux	3622lm	3	1.46	1467	
Efficacy	101lm/W	4	1.95	825	
TS952	Imax=3087cd/klm	Imax	13204cd	5	2.43
					528

Driver	Colour	3000K	4000K
EL.	○	1T6481EL	1T6483EL
EL.	●	1T6465EL	1T6467EL
DALI	○	1T6481DA	1T6483DA
DALI	●	1T6465DA	1T6467DA

STORE

LED / 33W / REFLECTOR / FL / CRI97



3000K		H(m)	D(m)	Emax(lx)
Ra97			27°	
Fixture Power	36W	1	0.49	10157
Source Flux	3290lm	2	0.97	2539
Fixture Flux	2786lm	3	1.46	1129
Efficacy	78lm/W	4	1.95	635
TS952	Imax=3087cd/klm	Imax	10157cd	5 2.43 406

Driver	Colour	3000K	4000K
EL.	○	1T6482EL	1T6484EL
EL.	●	1T6466EL	1T6468EL
DALI	○	1T6482DA	1T6484DA
DALI	●	1T6466DA	1T6468DA

LED / 33W / REFLECTOR / MWFL / CRI84



3000K		H(m)	D(m)	Emax(lx)
Ra84			45°	
Fixture Power	36W	1	0.82	6951
Source Flux	4277lm	2	1.64	1738
Fixture Flux	3716lm	3	2.46	772
Efficacy	104lm/W	4	3.28	434
TS953	Imax=1655cd/klm	Imax	7076cd	5 4.10 278

Driver	Colour	3000K	4000K
EL.	○	1T6485EL	1T6487EL
EL.	●	1T6469EL	1T6471EL
DALI	○	1T6485DA	1T6487DA
DALI	●	1T6469DA	1T6471DA

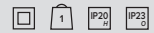
LED / 33W / REFLECTOR / MWFL / CRI97



3000K		H(m)	D(m)	Emax(lx)
Ra97			45°	
Fixture Power	36W	1	0.82	5347
Source Flux	3290lm	2	1.64	1337
Fixture Flux	2859lm	3	2.46	594
Efficacy	80lm/W	4	3.28	334
TS953	Imax=1655cd/klm	Imax	5443cd	5 4.10 214

Driver	Colour	3000K	4000K
EL.	○	1T6486EL	1T6488EL
EL.	●	1T6470EL	1T6472EL
DALI	○	1T6486DA	1T6488DA
DALI	●	1T6470DA	1T6472DA

LED / 33W / REFLECTOR / WFL / CRI84



3000K		H(m)	D(m)	Emax(lx)
Ra84			59°	
Fixture Power	36W	1	1.13	4836
Source Flux	4277lm	2	2.26	1209
Fixture Flux	3768lm	3	3.39	537
Efficacy	106lm/W	4	4.51	302
TS954	Imax=1142cd/klm	Imax	4882cd	5 5.64 193

Driver	Colour	3000K	4000K
EL.	○	1T6489EL	1T6491EL
EL.	●	1T6473EL	1T6475EL
DALI	○	1T6489DA	1T6491DA
DALI	●	1T6473DA	1T6475DA

LED / 33W / REFLECTOR / WFL / CRI97

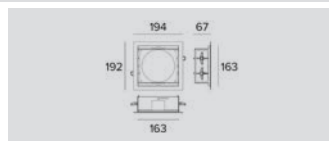


3000K		H(m)	D(m)	Emax(lx)
Ra97			59°	
Fixture Power	36W	1	1.13	3720
Source Flux	3290lm	2	2.26	930
Fixture Flux	2898lm	3	3.39	413
Efficacy	81lm/W	4	4.51	233
TS954	Imax=1142cd/klm	Imax	3756cd	5 5.64 149

Driver	Colour	3000K	4000K
EL.	○	1T6490EL	1T6492EL
EL.	●	1T6474EL	1T6476EL
DALI	○	1T6490DA	1T6492DA
DALI	●	1T6474DA	1T6476DA

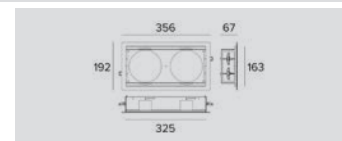
Related codes

Frame



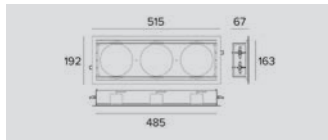
Cutout hole	Colour	Code
180x180	○	1T6496
180x180	●	1T6493

Frame 1x.



Cutout hole	Colour	Code
335x180	○	1T6497
335x180	●	1T6494

Frame 2x.

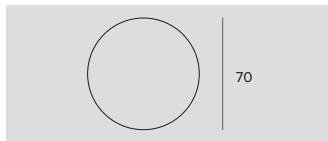


Cutout hole	Colour	Code
485x180	○	1T6498
485x180	●	1T6495

Frame 3x.

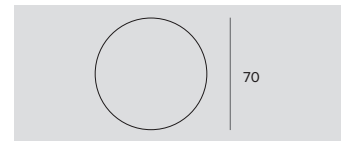
Accessories

Filter



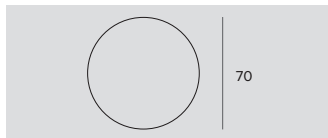
Filter	Ø	Code
Red	70	1T1712
Green	70	1T1713
Blue	70	1T1714
Yellow	70	1T1715
Magenta	70	1T1716

Flat glass interference chromatic filter.
To be completed with an additional holder ring.



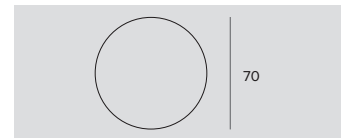
Ø	Code
70	1T1708

Flat ribbed glass parallel light blade 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.



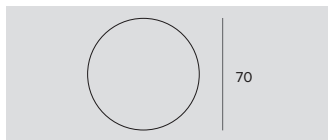
Ø	Code
70	1T1709

Flat glass wired refractive diffusive filter.
This softens the luminous effect.
To be completed with an additional holder ring.



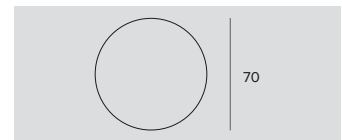
Filter	Ø	Code
Halogen +	70	1T6506
Vivid +	70	1T6507

Art filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	1T6508
Fish	70	1T6509
Bread	70	1T6510
Vegetable	70	1T6511

Food filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.

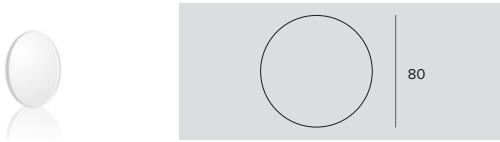


Filter	Ø	Code
Beauty	70	1T6512

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.

STORE


Screen



Ø	Code
80	1T6522

Protective screen.

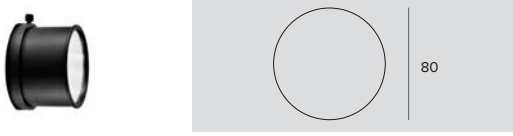
Accessory Holder Ring



Code
1T3727

Transparent polycarbonate accessory holder ring.

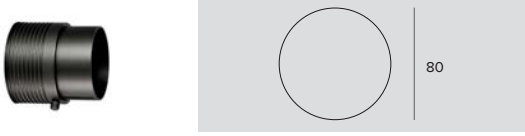
Zoom



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.

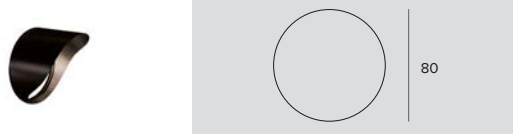
Cut-off



Ø	Code
80	1T3142

Cut-off Tube.
Allows for the beam to be focused while removing the fall-off component.

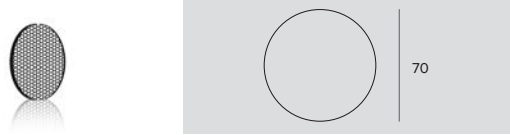
RAY Shade



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.

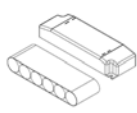
Grid



Ø	Code
70	1T1711

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring.


Emergency Kit



Code
1T3144

Emergency kit.
Inverter + 3h battery pack.

Control systems



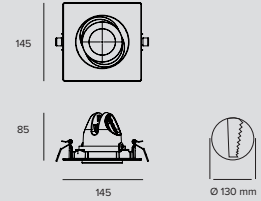
Code	Code
1T5349	1T5352

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

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.



Mini Gimbal modules for single installation without frame



LED / 3W / LENSES / NSP

3000K		H(m)	D(m)	E _{max} (lx)		
Ra80			9°			
Fixture Power	5W	1	0.15	4436		
Source Flux	200lm	2	0.30	1109		
Fixture Flux	163lm	3	0.45	493		
Efficacy	31lm/W	4	0.60	277		
TS965	I _{max} =22178cd/klm	I _{max}	4436cd	5	0.75	177

Driver	Colour	3000K	4000K
EL.	○	1T4934EL	1T4935EL
EL.	●	1T4926EL	1T4927EL
DALI	○	1T4934DA	1T4935DA
DALI	●	1T4926DA	1T4927DA

LED / 11W / LENSES / SP

3000K		H(m)	D(m)	E _{max} (lx)		
Ra84			15°			
Fixture Power	15W	1	0.27	16914		
Source Flux	1786lm	2	0.53	4229		
Fixture Flux	1336lm	3	0.80	1879		
Efficacy	90lm/W	4	1.07	1057		
TS966	I _{max} =9470cd/klm	I _{max}	16914cd	5	1.33	677

Driver	Colour	3000K	4000K
EL.	○	1T4936EL	1T4937EL
EL.	●	1T4928EL	1T4929EL
DALI	○	1T4936DA	1T4937DA
DALI	●	1T4928DA	1T4929DA

LED / 18W / LENSES / SP

3000K		H(m)	D(m)	E _{max} (lx)		
Ra84			24°			
Fixture Power	20W	1	0.43	8803		
Source Flux	2466lm	2	0.87	2201		
Fixture Flux	1800lm	3	1.30	978		
Efficacy	89lm/W	4	1.73	550		
TS969	I _{max} =3570cd/klm	I _{max}	8803cd	5	2.17	352

Driver	Colour	3000K	4000K
EL.	○	1T4948EL	1T4949EL
EL.	●	1T4942EL	1T4943EL
DALI	○	1T4948DA	1T4949DA
DALI	●	1T4942DA	1T4943DA

LED / 12W / LENSES / FL

3000K		H(m)	D(m)	E _{max} (lx)		
Ra84			30°			
Fixture Power	14W	1	0.54	4825		
Source Flux	1837lm	2	1.09	1206		
Fixture Flux	1315lm	3	1.63	536		
Efficacy	97lm/W	4	2.17	302		
TS967	I _{max} =2627cd/klm	I _{max}	4825cd	5	2.72	193

Driver	Colour	3000K	4000K
EL.	○	1T4938EL	1T4939EL
EL.	●	1T4930EL	1T4931EL
DALI	○	1T4938DA	1T4939DA
DALI	●	1T4930DA	1T4931DA

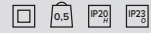
LED / 12W / REFLECTOR / MWFL

3000K		H(m)	D(m)	E _{max} (lx)		
Ra84			48°			
Fixture Power	14W	1	0.90	2476		
Source Flux	1837lm	2	1.80	619		
Fixture Flux	1520lm	3	2.69	275		
Efficacy	113lm/W	4	3.59	155		
TS968	I _{max} =1372cd/klm	I _{max}	2520cd	5	4.49	99

Driver	Colour	3000K	4000K
EL.	○	1T4940EL	1T4941EL
EL.	●	1T4932EL	1T4933EL
DALI	○	1T4940DA	1T4941DA
DALI	●	1T4932DA	1T4933DA

STORE

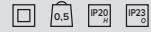
LED / 18W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		48°			
	Fixture Power	20W	1	0.90	3323	
	Source Flux	2466lm	2	1.80	831	
	Fixture Flux	2041lm	3	2.69	369	
	Efficacy	101lm/W	4	3.59	208	
TS970	Imax=1372cd/klm	Imax	3383cd	5	4.49	133

Driver	Colour	3000K	4000K
EL.	○	1T4950EL	1T4951EL
EL.	●	1T4944EL	1T4945EL
DALI	○	1T4950DA	1T4951DA
DALI	●	1T4944DA	1T4945DA

LED / 18W / REFLECTOR / WFL

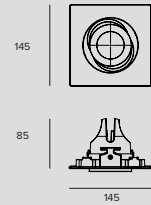


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		60°			
	Fixture Power	20W	1	1.16	2406	
	Source Flux	2466lm	2	2.32	601	
	Fixture Flux	1979lm	3	3.47	267	
	Efficacy	98lm/W	4	4.63	150	
TS971	Imax=976cd/klm	Imax	2407cd	5	5.79	96

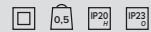
Driver	Colour	3000K	4000K
EL.	○	1T4952EL	1T4953EL
EL.	●	1T4946EL	1T4947EL
DALI	○	1T4952DA	1T4953DA
DALI	●	1T4946DA	1T4947DA



Mini Gimbal
modules for single or
multioptic installation to
be completed with with
frame as accessory



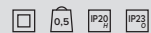
LED / 3W / LENSES / NSP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		9°			
	Fixture Power	5W	1	0.15	4436	
	Source Flux	200lm	2	0.30	1109	
	Fixture Flux	163lm	3	0.45	493	
	Efficacy	31lm/W	4	0.60	277	
TS965	Imax=22178cd/klm	Imax	4436cd	5	0.75	177

Driver	Colour	3000K	4000K
EL.	○	1T5960EL	1T5961EL
EL.	●	1T5952EL	1T5953EL
DALI	○	1T5960DA	1T5961DA
DALI	●	1T5952DA	1T5953DA

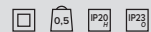
LED / 11W / LENSES / SP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		15°			
	Fixture Power	15W	1	0.27	16914	
	Source Flux	1786lm	2	0.53	4229	
	Fixture Flux	1336lm	3	0.80	1879	
	Efficacy	90lm/W	4	1.07	1057	
TS966	Imax=9470cd/klm	Imax	16914cd	5	1.33	677

Driver	Colour	3000K	4000K
EL.	○	1T5962EL	1T5963EL
EL.	●	1T5954EL	1T5955EL
DALI	○	1T5962DA	1T5963DA
DALI	●	1T5954DA	1T5955DA

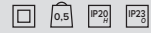
LED / 18W / LENSES / SP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		24°			
	Fixture Power	20W	1	0.43	8803	
	Source Flux	2466lm	2	0.87	2201	
	Fixture Flux	1800lm	3	1.30	978	
	Efficacy	89lm/W	4	1.73	550	
TS969	Imax=3570cd/klm	Imax	8803cd	5	2.17	352

Driver	Colour	3000K	4000K
EL.	○	1T5974EL	1T5975EL
EL.	●	1T5968EL	1T5969EL
DALI	○	1T5974DA	1T5975DA
DALI	●	1T5968DA	1T5969DA

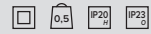
LED / 12W / LENSES / FL



3000K		H(m)	D(m)	Emax(lx)
Ra84			30°	
Fixture Power	14W	1	0.54	4825
Source Flux	1837lm	2	1.09	1206
Fixture Flux	1315lm	3	1.63	536
Efficacy	97lm/W	4	2.17	302
TS967	Imax=2627cd/klm	Imax	4825cd	5 2.72 193

Driver	Colour	3000K	4000K
EL.	○	1T5964EL	1T5965EL
EL.	●	1T5956EL	1T5957EL
DALI	○	1T5964DA	1T5965DA
DALI	●	1T5956DA	1T5957DA

LED / 12W / REFLECTOR / MWFL



3000K		H(m)	D(m)	Emax(lx)
Ra84			48°	
Fixture Power	14W	1	0.90	2476
Source Flux	1837lm	2	1.80	619
Fixture Flux	1520lm	3	2.69	275
Efficacy	113lm/W	4	3.59	155
TS968	Imax=1372cd/klm	Imax	2520cd	5 4.49 99

Driver	Colour	3000K	4000K
EL.	○	1T5966EL	1T5967EL
EL.	●	1T5958EL	1T5959EL
DALI	○	1T5966DA	1T5967DA
DALI	●	1T5958DA	1T5959DA

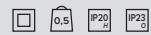
LED / 18W / REFLECTOR / MWFL



3000K		H(m)	D(m)	Emax(lx)
Ra84			48°	
Fixture Power	20W	1	0.90	3323
Source Flux	2466lm	2	1.80	831
Fixture Flux	2041lm	3	2.69	369
Efficacy	101lm/W	4	3.59	208
TS970	Imax=1372cd/klm	Imax	3383cd	5 4.49 133

Driver	Colour	3000K	4000K
EL.	○	1T6419EL	1T6420EL
EL.	●	1T5970EL	1T5971EL
DALI	○	1T6419DA	1T6420DA
DALI	●	1T5970DA	1T5971DA

LED / 18W / REFLECTOR / WFL

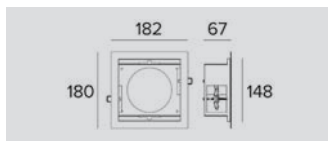


3000K		H(m)	D(m)	Emax(lx)
Ra84			60°	
Fixture Power	20W	1	1.16	2406
Source Flux	2466lm	2	2.32	601
Fixture Flux	1979lm	3	3.47	267
Efficacy	98lm/W	4	4.63	150
TS971	Imax=976cd/klm	Imax	2407cd	5 5.79 96

Driver	Colour	3000K	4000K
EL.	○	1T6421EL	1T6422EL
EL.	●	1T5972EL	1T5973EL
DALI	○	1T6421DA	1T6422DA
DALI	●	1T5972DA	1T5973DA

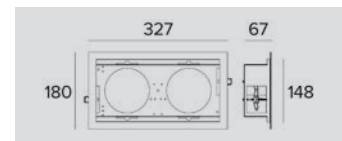
Related codes

Frame



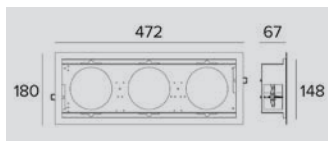
Cutout hole	Colour	Code
150x150	○	1T6426
150x150	●	1T6423

Frame 1x.



Cutout hole	Colour	Code
300x150	○	1T6427
300x150	●	1T6424

Frame 2x.



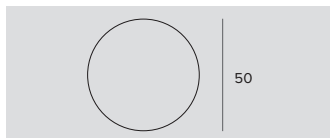
Cutout hole	Colour	Code
450x150	○	1T6428
450x150	●	1T6425

Frame 3x.

STORE

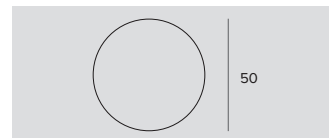
Accessories

Filter



Filter	Ø	Code
Red	50	49881
Green	50	49882
Blue	50	49886
Yellow	50	49887
Magenta	50	49959

Flat glass interference chromatic filter.



Ø	Code
50	1T4721

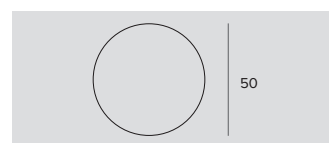
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.



Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.

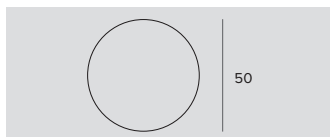
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.

Flat glass interference filter to vary the colour temperature of light.

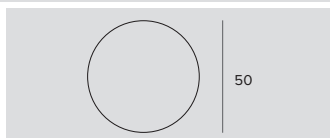


Filter	Ø	Code
Beauty	50	1T6393

Beauty filter.

Flat glass interference filter to vary the colour temperature of light.

Screen



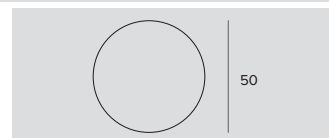
Ø	Code
50	1T4325

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

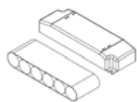
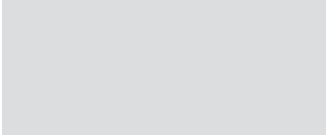
Protective screen.

Grid	
	
	50
Ø	Code
50	1T4322


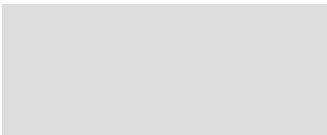

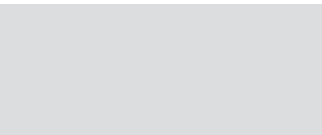
Anti-glare louver.
Black painted metal honeycomb structure.
Complete with holographic diffusion filter.

Zoom	
	
	50
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.

Control systems			
			
	Code		Code
	1T5349		1T5352

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

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.
It prevents any change to the management features provided by the Casambi system.

ZENO

SMALL ESTRAIBILE

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	LENTICULAR	•
SP	LENTICULAR	•
FL	LENTICULAR	•
MWFL	REFLECTOR	•
WFL	REFLECTOR	•



ZENO plus

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



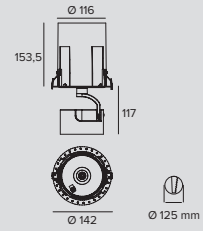
The optical body

to be moved into four different positions.

ZENO



Small Extractable



LED / 11W / LENS / NSP										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra97		7°			EL.	○	1T6551EL	1T6552EL
Fixture Power	15W	1	0.13	24183		EL.	●	1T6553EL	1T6554EL	
Source Flux	1619lm	2	0.26	6046		DALI	○	1T6551DA	1T6552DA	
Fixture Flux	712lm	3	0.39	2687		DALI	●	1T6553DA	1T6554DA	
Efficacy	48lm/W	4	0.52	1511						
TS1063	I _{max} =14937cd/klm	I _{max}	24183cd	5	0.65	967				

LED / 12W / LENS / SP										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra97		10°			EL.	○	1T6555EL	1T6556EL
Fixture Power	14W	1	0.18	17263		EL.	●	1T6557EL	1T6558EL	
Source Flux	1430lm	2	0.36	4316		DALI	○	1T6555DA	1T6556DA	
Fixture Flux	1101lm	3	0.54	1918		DALI	●	1T6557DA	1T6558DA	
Efficacy	82lm/W	4	0.72	1079						
TS1064	I _{max} =12072cd/klm	I _{max}	17263cd	5	0.89	691				

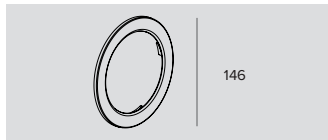
LED / 12W / LENS / FL										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra97		28°			EL.	○	1T6559EL	1T6560EL
Fixture Power	14W	1	0.49	4536		EL.	●	1T6561EL	1T6562EL	
Source Flux	1430lm	2	0.99	1134		DALI	○	1T6559DA	1T6560DA	
Fixture Flux	1115lm	3	1.48	504		DALI	●	1T6561DA	1T6562DA	
Efficacy	83lm/W	4	1.98	284						
TS1065	I _{max} =3172cd/klm	I _{max}	4536cd	5	2.47	181				

LED / 12W / REFLECTOR / MWFL										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra97		48°			EL.	○	1T6563EL	1T6564EL
Fixture Power	14W	1	0.90	1860		EL.	●	1T6565EL	1T6566EL	
Source Flux	1430lm	2	1.79	465		DALI	○	1T6563DA	1T6564DA	
Fixture Flux	1178lm	3	2.69	207		DALI	●	1T6565DA	1T6566DA	
Efficacy	87lm/W	4	3.59	116						
TS1066	I _{max} =1307cd/klm	I _{max}	1870cd	5	4.48	74				

LED / 12W / REFLECTOR / WFL										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra97		58°			EL.	○	1T6567EL	1T6568EL
Fixture Power	14W	1	1.11	1400		EL.	●	1T6569EL	1T6570EL	
Source Flux	1430lm	2	2.21	350		DALI	○	1T6567DA	1T6568DA	
Fixture Flux	1188lm	3	3.32	156		DALI	●	1T6569DA	1T6570DA	
Efficacy	88lm/W	4	4.43	88						
TS1067	I _{max} =1001cd/klm	I _{max}	1432cd	5	5.53	56				

Related codes

Decorative Ring

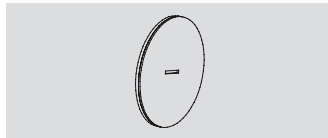


Ø	Colour	Code
146	○	1T6579
146	●	1T6580

Round ring. Accessory is not compatible with the Trimless versions.

Accessories

Filter

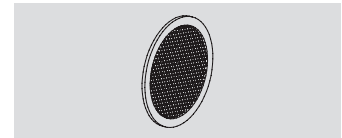


Code

1T6572

Blade of light filter.
Methacrylate olographic 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

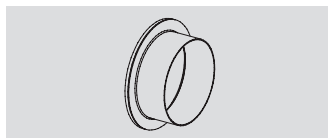


Code

1T6573

Anti-glare louver.
Black lacquered aluminium honeycomb structure.
To be completed with a dedicated holder ring.

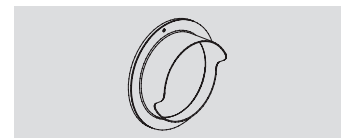
Cut-off



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

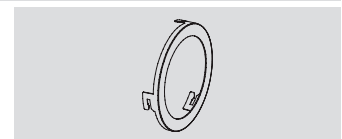


Code

1T6576

Adjustable barn doors flaps made of black painted steel.
To be completed with a dedicated holder ring.

Holder Ring



Code

1T6571

Black painted aluminium accessory holder ring.

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.

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 73mm
LED	Flux	3299-7139	1798-2550
	Power	25W-50W	11W-18W
OPTICS			
SP	LENTICULAR		•
	HYBRID	•	
	REFLECTOR	•	
FL	LENTICULAR		•
	HYBRID	•	
	REFLECTOR	•	
MWFL	REFLECTOR	•	•
WFL	REFLECTOR	•	•



CLOUD plus

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.

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

03



There is also a DBS - Dynamic Beam Shaper- version

for CLOUD Ra97 only.

CLOUD

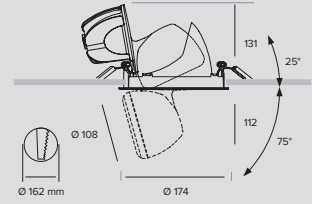


VENCHI STORE 2017

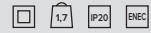
ARCHITECT
Studio Ceri

COUNTRY
Florence - Italy

CLOUD



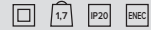
LED / 25W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		15°			
	Fixture Power	28W	1	0.26	24360	
	Source Flux	3577lm	2	0.52	6090	
	Fixture Flux	3040lm	3	0.77	2707	
	Efficacy	109lm/W	4	1.03	1522	
	TS753	Imax=6810cd/klm	Imax	24360cd	5	1.29

Driver	Colour	3000K	4000K
EL.	○	1T3607EL	1T4112EL
EL.	●	1T3616EL	1T4114EL
1-10V	○	1T3607D	1T4112D
1-10V	●	1T3616D	1T4114D
DALI	○	1T3607DA	1T4112DA
DALI	●	1T3616DA	1T4114DA

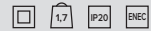
LED / 34W / HYBRID / SP / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		13°			
	Fixture Power	37W	1	0.23	30351	
	Source Flux	3299lm	2	0.46	7588	
	Fixture Flux	2139lm	3	0.69	3372	
	Efficacy	58lm/W	4	0.92	1897	
	TS916	Imax=9200cd/klm	Imax	30351cd	5	1.14

Driver	Colour	3000K	4000K
EL.	○	1T4791EL	
1-10V	○	1T4791D	
DALI	○	1T4791DA	

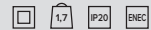
LED / 25W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		31°			
	Fixture Power	28W	1	0.55	8984	
	Source Flux	3577lm	2	1.09	2246	
	Fixture Flux	3028lm	3	1.64	998	
	Efficacy	108lm/W	4	2.19	561	
	TS754	Imax=2512cd/klm	Imax	8984cd	5	2.73

Driver	Colour	3000K	4000K
EL.	○	1T3608EL	1T4113EL
EL.	●	1T3617EL	1T4115EL
1-10V	○	1T3608D	1T4113D
1-10V	●	1T3617D	1T4115D
DALI	○	1T3608DA	1T4113DA
DALI	●	1T3617DA	1T4115DA

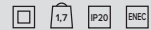
LED / 34W / HYBRID / FL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		33°			
	Fixture Power	37W	1	0.58	7356	
	Source Flux	3299lm	2	1.17	1839	
	Fixture Flux	2014lm	3	1.75	817	
	Efficacy	54lm/W	4	2.33	460	
	TS917	Imax=2230cd/klm	Imax	7356cd	5	2.92

Driver	Colour	3000K	4000K
EL.	○	1T4792EL	
1-10V	○	1T4792D	
DALI	○	1T4792DA	

LED / 39W / REFLECTOR / SP / CRI84

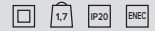


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		15°			
	Fixture Power	42W	1	0.25	35015	
	Source Flux	4920lm	2	0.51	8754	
	Fixture Flux	4182lm	3	0.76	3891	
	Efficacy	99lm/W	4	1.02	2188	
	TS755	Imax=7117cd/klm	Imax	35015cd	5	1.27

Driver	Colour	3000K	4000K
EL.	○	1T3609EL	1T4116EL
EL.	●	1T3618EL	1T4120EL
1-10V	○	1T3609D	1T4116D
1-10V	●	1T3618D	1T4120D
DALI	○	1T3609DA	1T4116DA
DALI	●	1T3618DA	1T4120DA

CLOUD

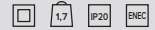
LED / 39W / REFLECTOR / SP / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		15°	
Fixture Power	42W	1	0.25	26931	
Source Flux	3784lm	2	0.51	6733	
Fixture Flux	3216lm	3	0.76	2992	
Efficacy	76lm/W	4	1.02	1683	
TS755	Imax=7117cd/klm	Imax	26931cd	5	1.27
					1077

Driver	Colour	3000K	4000K
EL.	○	1T4297EL	
1-10V	○	1T4297D	
DALI	○	1T4297DA	

LED / 39W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		28°	
Fixture Power	42W	1	0.50	13675	
Source Flux	4920lm	2	1.01	3419	
Fixture Flux	4165lm	3	1.51	1519	
Efficacy	98lm/W	4	2.02	855	
TS756	Imax=2779cd/klm	Imax	13675cd	5	2.52
					547

Driver	Colour	3000K	4000K
EL.	○	1T3610EL	1T4117EL
EL.	●	1T3619EL	1T4121EL
1-10V	○	1T3610D	1T4117D
1-10V	●	1T3619D	1T4121D
DALI	○	1T3610DA	1T4117DA
DALI	●	1T3619DA	1T4121DA

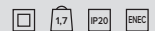
LED / 39W / REFLECTOR / FL / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		28°	
Fixture Power	42W	1	0.50	10518	
Source Flux	3784lm	2	1.01	2629	
Fixture Flux	3203lm	3	1.51	1169	
Efficacy	76lm/W	4	2.02	657	
TS756	Imax=2779cd/klm	Imax	10518cd	5	2.52
					421

Driver	Colour	3000K	4000K
EL.	○	1T4298EL	
1-10V	○	1T4298D	
DALI	○	1T4298DA	

LED / 39W / REFLECTOR / MWFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		43°	
Fixture Power	42W	1	0.79	8155	
Source Flux	4920lm	2	1.59	2039	
Fixture Flux	4275lm	3	2.38	906	
Efficacy	101lm/W	4	3.18	510	
TS757	Imax=1685cd/klm	Imax	8289cd	5	3.97
					326

Driver	Colour	3000K	4000K
EL.	○	1T3611EL	1T4118EL
EL.	●	1T3620EL	1T4122EL
1-10V	○	1T3611D	1T4118D
1-10V	●	1T3620D	1T4122D
DALI	○	1T3611DA	1T4118DA
DALI	●	1T3620DA	1T4122DA

LED / 39W / REFLECTOR / MWFL / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		43°	
Fixture Power	42W	1	0.79	6272	
Source Flux	3784lm	2	1.59	1568	
Fixture Flux	3288lm	3	2.38	697	
Efficacy	78lm/W	4	3.18	392	
TS757	Imax=1685cd/klm	Imax	6375cd	5	3.97
					251

Driver	Colour	3000K	4000K
EL.	○	1T4299EL	
1-10V	○	1T4299D	
DALI	○	1T4299DA	

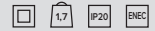
LED / 39W / REFLECTOR / WFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		57°	
Fixture Power	42W	1	1.08	5804	
Source Flux	4920lm	2	2.16	1451	
Fixture Flux	4330lm	3	3.24	645	
Efficacy	102lm/W	4	4.32	363	
TS758	Imax=1180cd/klm	Imax	5804cd	5	5.40
					232

Driver	Colour	3000K	4000K
EL.	○	1T3612EL	1T4119EL
EL.	●	1T3621EL	1T4123EL
1-10V	○	1T3612D	1T4119D
1-10V	●	1T3621D	1T4123D
DALI	○	1T3612DA	1T4119DA
DALI	●	1T3621DA	1T4123DA

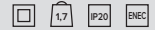
LED / 39W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		57°			
	Fixture Power	42W	1	1.08	4464	
	Source Flux	3784lm	2	2.16	1116	
	Fixture Flux	3330lm	3	3.24	496	
	Efficacy	79lm/W	4	4.32	279	
TS758	Imax=1180cd/klm	Imax	4464cd	5	5.40	179

Driver	Colour	3000K	4000K
EL.	○	1T4300EL	
1-10V	○	1T4300D	
DALI	○	1T4300DA	

LED / 50W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		36°			
	Fixture Power	54W	1	0.64	14555	
	Source Flux	6959lm	2	1.29	3639	
	Fixture Flux	5891lm	3	1.93	1617	
	Efficacy	110lm/W	4	2.58	910	
TS759	Imax=2092cd/klm	Imax	14555cd	5	3.22	582

Driver	Colour	3000K	4000K
EL.	○	1T3613EL	1T4124EL
EL.	●	1T3622EL	1T4127EL
1-10V	○	1T3613D	1T4124D
1-10V	●	1T3622D	1T4127D
DALI	○	1T3613DA	1T4124DA
DALI	●	1T3622DA	1T4127DA

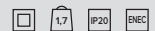
LED / 50W / REFLECTOR / FL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		36°			
	Fixture Power	54W	1	0.64	11200	
	Source Flux	5355lm	2	1.29	2800	
	Fixture Flux	4533lm	3	1.93	1244	
	Efficacy	85lm/W	4	2.58	700	
TS759	Imax=2092cd/klm	Imax	11200cd	5	3.22	448

Driver	Colour	3000K	4000K
EL.	○	1T4301EL	
1-10V	○	1T4301D	
DALI	○	1T4301DA	

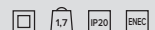
LED / 50W / REFLECTOR / MWFL / CRI84



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		47°			
	Fixture Power	54W	1	0.87	10238	
	Source Flux	6959lm	2	1.75	2559	
	Fixture Flux	6047lm	3	2.62	1138	
	Efficacy	113lm/W	4	3.50	640	
TS760	Imax=1472cd/klm	Imax	10244cd	5	4.37	410

Driver	Colour	3000K	4000K
EL.	○	1T3614EL	1T4125EL
EL.	●	1T3623EL	1T4128EL
1-10V	○	1T3614D	1T4125D
1-10V	●	1T3623D	1T4128D
DALI	○	1T3614DA	1T4125DA
DALI	●	1T3623DA	1T4128DA

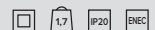
LED / 50W / REFLECTOR / MWFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		47°			
	Fixture Power	54W	1	0.87	7878	
	Source Flux	5355lm	2	1.75	1970	
	Fixture Flux	4653lm	3	2.62	875	
	Efficacy	87lm/W	4	3.50	492	
TS760	Imax=1472cd/klm	Imax	7883cd	5	4.37	315

Driver	Colour	3000K	4000K
EL.	○	1T4302EL	
1-10V	○	1T4302D	
DALI	○	1T4302DA	

LED / 50W / REFLECTOR / WFL / CRI84

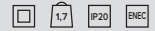


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		59°			
	Fixture Power	54W	1	1.13	7368	
	Source Flux	6959lm	2	2.26	1842	
	Fixture Flux	6124lm	3	3.40	819	
	Efficacy	114lm/W	4	4.53	461	
TS761	Imax=1076cd/klm	Imax	7491cd	5	5.66	295

Driver	Colour	3000K	4000K
EL.	○	1T3615EL	1T4126EL
EL.	●	1T3624EL	1T4129EL
1-10V	○	1T3615D	1T4126D
1-10V	●	1T3624D	1T4129D
DALI	○	1T3615DA	1T4126DA
DALI	●	1T3624DA	1T4129DA

CLOUD

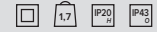
LED / 50W / REFLECTOR / WFL / CRI97



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		59°	
Fixture Power	54W	1	1.13	5670	
Source Flux	5355lm	2	2.26	1418	
Fixture Flux	4712lm	3	3.40	630	
Efficacy	88lm/W	4	4.53	354	
TS1761	I _{max} =1076cd/klm	I _{max}	5764cd	5	5.66
				227	

Driver	Colour	3000K	4000K
EL	○	1T4303EL	
1-10V	○	1T4303D	
DALI	○	1T4303DA	

LED / 34W / DBS / CRI97



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		16°	
Fixture Power	37W	1	0.28	15397	
Source Flux	3299lm	2	0.56	3849	
Fixture Flux	1577lm	3	0.84	1711	
Efficacy	42lm/W	4	1.12	962	
TS1106	I _{max} =4667cd/klm	I _{max}	15397cd	5	1.40
				616	

Driver	Colour	3000K	4000K
CASAMBI	○	1T6950CA	

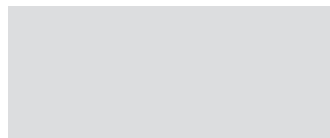
		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		25°	
Fixture Power	37W	1	0.45	5921	
Source Flux	3299lm	2	0.89	1480	
Fixture Flux	1524lm	3	1.34	658	
Efficacy	41lm/W	4	1.79	370	
TS1107	I _{max} =1795cd/klm	I _{max}	5921cd	5	2.24
				237	

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		34°	
Fixture Power	37W	1	0.61	3248	
Source Flux	3299lm	2	1.23	812	
Fixture Flux	1481lm	3	1.84	361	
Efficacy	40lm/W	4	2.45	203	
TS1108	I _{max} =985cd/klm	I _{max}	3248cd	5	3.07
				130	

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		42°	
Fixture Power	37W	1	0.78	2047	
Source Flux	3299lm	2	1.55	512	
Fixture Flux	1405lm	3	2.33	227	
Efficacy	38lm/W	4	3.11	128	
TS1109	I _{max} =621cd/klm	I _{max}	2047cd	5	3.88
				82	

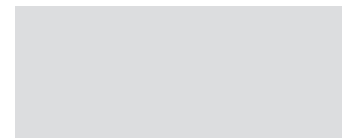
Accessories

Filter



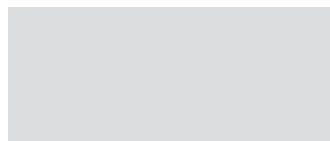
Filter	Ø	Code
Red	70	1T1712
Green	70	1T1713
Blue	70	1T1714
Yellow	70	1T1715
Magenta	70	1T1716

Flat glass interference chromatic filter.
To be completed with an additional holder ring.



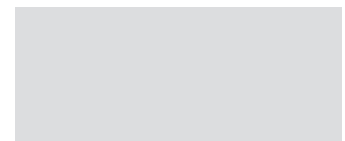
Filter	Ø	Code
	70	1T1708

Flat ribbed glass parallel light blade 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.



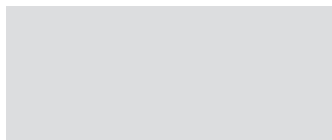
Filter	Ø	Code
	70	1T1709

Flat glass wired refractive diffusive filter.
This softens the luminous effect.
To be completed with an additional holder ring.



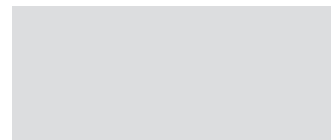
Filter	Ø	Code
Halogen +	70	1T6506
Vivid +	70	1T6507

Art filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	1T6508
Fish	70	1T6509
Bread	70	1T6510
Vegetable	70	1T6511

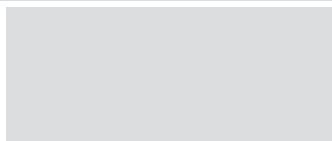
Food filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Beauty	70	1T6512

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.

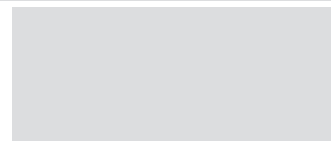
Screen



Ø	Code
80	1T6522

Protective screen.

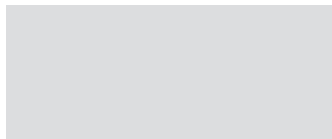
Grid



Ø	Code
70	1T1711

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring.

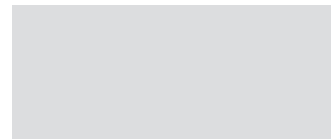
Zoom



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

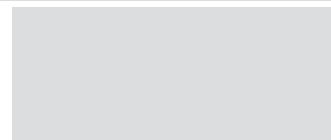
RAY Shade



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



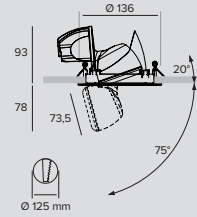
Code
1T3727

Transparent polycarbonate accessory holder ring.

CLOUD



Mini



LED / 11W / LENSE / SP										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra84		15°			EL.	○	1T4216EL	1T4228EL
Fixture Power	14W	1	0.27	16914		EL.	●	1T4217EL	1T4229EL	
Source Flux	1786lm	2	0.53	4229		DALI	○	1T4216DA	1T4228DA	
Fixture Flux	1336lm	3	0.80	1879		DALI	●	1T4217DA	1T4229DA	
Efficacy	98lm/W	4	1.07	1057						
TS844	I _{max} =9470cd/klm	I _{max}	16914cd	5	1.33	677				

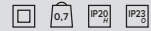
LED / 18W / LENSE / SP										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra84		24°			EL.	○	1T4222EL	1T4234EL
Fixture Power	20W	1	0.43	8803		EL.	●	1T4223EL	1T4235EL	
Source Flux	2466lm	2	0.87	2201		DALI	○	1T4222DA	1T4234DA	
Fixture Flux	1800lm	3	1.30	978		DALI	●	1T4223DA	1T4235DA	
Efficacy	89lm/W	4	1.73	550						
TS847	I _{max} =3570cd/klm	I _{max}	8803cd	5	2.17	352				

LED / 12W / LENSE / FL										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra84		30°			EL.	○	1T4218EL	1T4230EL
Fixture Power	14W	1	0.54	4825		EL.	●	1T4219EL	1T4231EL	
Source Flux	1837lm	2	1.09	1206		DALI	○	1T4218DA	1T4230DA	
Fixture Flux	1315lm	3	1.63	536		DALI	●	1T4219DA	1T4231DA	
Efficacy	97lm/W	4	2.17	302						
TS845	I _{max} =2627cd/klm	I _{max}	4825cd	5	2.72	193				

LED / 18W / LENSE / FL										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra84		30°			EL.	○	1T4793EL	1T4795EL
Fixture Power	20W	1	0.54	6478		EL.	●	1T4794EL	1T4796EL	
Source Flux	2466lm	2	1.09	1620		DALI	○	1T4793DA	1T4795DA	
Fixture Flux	1766lm	3	1.63	720		DALI	●	1T4794DA	1T4796DA	
Efficacy	87lm/W	4	2.17	405						
TS932	I _{max} =2627cd/klm	I _{max}	6478cd	5	2.72	259				

LED / 12W / REFLECTOR / MWFL										
		3000K	H(m)	D(m)	E _{max} (lx)		Driver	Colour	3000K	4000K
		Ra84		48°			EL.	○	1T4220EL	1T4232EL
Fixture Power	14W	1	0.90	2476		EL.	●	1T4221EL	1T4233EL	
Source Flux	1837lm	2	1.80	619		DALI	○	1T4220DA	1T4232DA	
Fixture Flux	1520lm	3	2.69	275		DALI	●	1T4221DA	1T4233DA	
Efficacy	113lm/W	4	3.59	155						
TS846	I _{max} =1372cd/klm	I _{max}	2520cd	5	4.49	99				

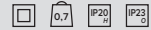
LED / 18W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		48°			
	Fixture Power	20W	1	0.90	3323	
	Source Flux	2466lm	2	1.80	831	
	Fixture Flux	2041lm	3	2.69	369	
	Efficacy	101lm/W	4	3.59	208	
TS848	Imax=1372cd/klm	Imax	3383cd	5	4.49	133

Driver	Colour	3000K	4000K
EL.	○	1T4224EL	1T4236EL
EL.	●	1T4225EL	1T4237EL
DALI	○	1T4224DA	1T4236DA
DALI	●	1T4225DA	1T4237DA

LED / 18W / REFLECTOR / WFL

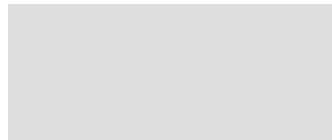


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		60°			
	Fixture Power	20W	1	1.16	2406	
	Source Flux	2466lm	2	2.32	601	
	Fixture Flux	1979lm	3	3.47	267	
	Efficacy	98lm/W	4	4.63	150	
TS849	Imax=976cd/klm	Imax	2407cd	5	5.79	96

Driver	Colour	3000K	4000K
EL.	○	1T4226EL	1T4238EL
EL.	●	1T4227EL	1T4239EL
DALI	○	1T4226DA	1T4238DA
DALI	●	1T4227DA	1T4239DA

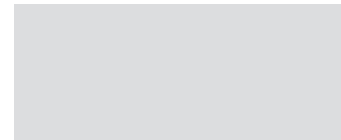
Accessories

Filter



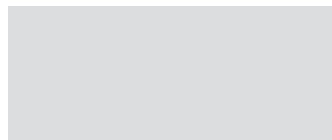
Filter	Ø	Code
Red	50	49881
Green	50	49882
Blue	50	49886
Yellow	50	49887
Magenta	50	49959

Flat glass interference chromatic filter.



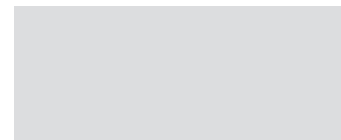
Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	50	1T6393

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.

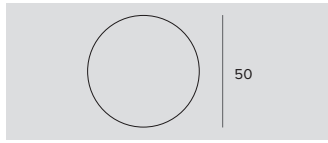


Ø	Code
50	1T4721

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

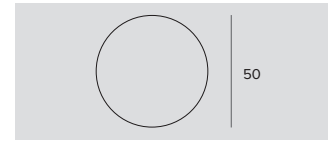
CLOUD

Screen



Ø Code
50 **1T6521**

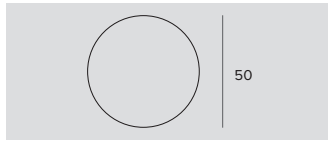
Protective screen.



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.

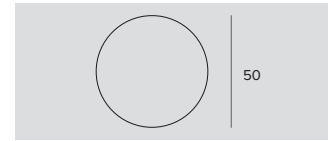
Grid



Ø Code
50 **1T4322**

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

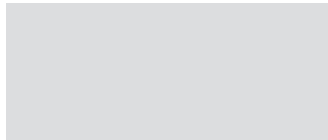
Zoom



Ø Code
50 **1T4324**

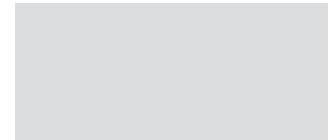
Zoom.
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.
To be used after removing the existing optic.
It can not be used with a narrow spot optic.
It makes it possible to obtain a variable beam from 15° to 60°.

Control systems



Code
1T5349

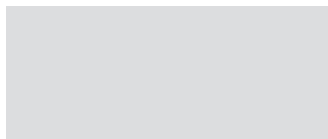
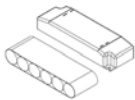
A wireless control module with a DALI interface.
It generates a local DALI bus which makes it possible to connect a LED driver directly to a DALI interface.
The module can only be used in a closed system and cannot be connected to an existing DALI network.
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.
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



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.
It prevents any change to the management features provided by the Casambi system.

Emergency Kit



Code
1T3144

Emergency kit.
Inverter + 3h battery pack.



**TERRANOVA
STORE
2017**

COUNTRY
Barcelona - Spain

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

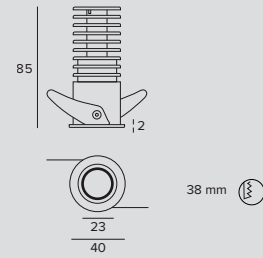
Polished aluminium body and integrated heat sink with painted flange. Painted, polished, removable front ring. The LED lamps are set back 40mm into the fixture to limit glare.

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



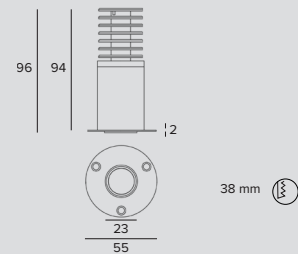
COZY



LED / 12W / SP									
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K	
	Ra84		25°		350mA	○	1T6377	1T6378	
	Fixture Power	14W	1	0.45	1814	350mA	●	1T6379	1T6380
	Source Flux	1798lm	2	0.90	453				
	Fixture Flux	476lm	3	1.35	202				
	Efficacy	34lm/W	4	1.80	113				
TS1044	I _{max} =1009cd/klm	I _{max}	1814cd	5	2.25	73			



Trimless



LED / 12W / SP								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K
	Ra84		25°		350mA	○	1T7400	1T7401
	Fixture Power	14W	1	0.45	1814			
	Source Flux	1798lm	2	0.90	453			
	Fixture Flux	476lm	3	1.35	202			
	Efficacy	34lm/W	4	1.80	113			
TS1044	I _{max} =1009cd/klm	I _{max}	1814cd	5	2.25	73		

Power Supply

	Code
Electronic power supply max 15W - 158x19x22mm	1T6505
DALI dimmable electronic power supply max 15W - 67x103x21mm*	1T6504

220-240V-AC 50-60Hz, 350mA - IP20.
*Driver's size is bigger than the cutout hole needed by the luminaire.

Emergency Kit

	Code
Emergency kit. Inverter + 3h battery pack.	1T3144

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.

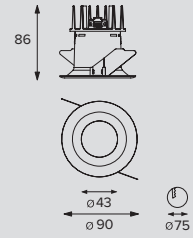
The recessed version has a reduced depth and a polycarbonate finishing ring with a white finish that "disappears" into ceilings creating the illusion of a plaster finish.



BEBOP



Recessed



LED / 9W / MWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		48°			
	Fixture Power	12W	1	0.90	1391	
	Source Flux	1302lm	2	1.79	348	
	Fixture Flux	1000lm	3	2.69	155	
	Efficacy	86lm/W	4	3.59	87	
TS897	Imax=1079cd/klm	Imax	1404cd	5	4.48	56

Driver	Colour	3000K	4000K
EL.	○	1T4756EL	1T4757EL
EL.	●	1T5406EL	1T5407EL
DALI	○	1T4756DA	1T4757DA
DALI	●	1T5406DA	1T5407DA

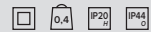
LED / 9W / WFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		64°			
	Fixture Power	12W	1	1.24	830	
	Source Flux	1302lm	2	2.49	207	
	Fixture Flux	980lm	3	3.73	92	
	Efficacy	85lm/W	4	4.98	52	
TS896	Imax=688cd/klm	Imax	896cd	5	6.22	33

Driver	Colour	3000K	4000K
EL.	○	1T4754EL	1T4755EL
EL.	●	1T5408EL	1T5409EL
DALI	○	1T4754DA	1T4755DA
DALI	●	1T5408DA	1T5409DA

LED / 15W / MWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		48°			
	Fixture Power	16W	1	0.90	1990	
	Source Flux	1863lm	2	1.79	498	
	Fixture Flux	1431lm	3	2.69	221	
	Efficacy	87lm/W	4	3.59	124	
TS899	Imax=1079cd/klm	Imax	2010cd	5	4.48	80

Driver	Colour	3000K	4000K
EL.	○	1T4760EL	1T4761EL
EL.	●	1T5410EL	1T5411EL
DALI	○	1T4760DA	1T4761DA
DALI	●	1T5410DA	1T5411DA

LED / 15W / WFL

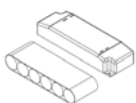


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		64°			
	Fixture Power	16W	1	1.24	1187	
	Source Flux	1863lm	2	2.49	297	
	Fixture Flux	1403lm	3	3.73	132	
	Efficacy	86lm/W	4	4.98	74	
TS898	Imax=688cd/klm	Imax	1282cd	5	6.22	47

Driver	Colour	3000K	4000K
EL.	○	1T4758EL	1T4759EL
EL.	●	1T5412EL	1T5413EL
DALI	○	1T4758DA	1T4759DA
DALI	●	1T5412DA	1T5413DA

Accessories

Emergency Kit



Code

1T3144

Emergency kit.
Inverter + 3h battery pack.

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

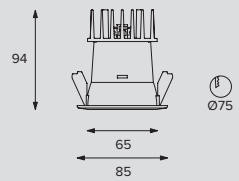
Metallised polycarbonate body with
decorative ring in anodised aluminium or
painted white. Finned heat sink made of
die-cast aluminium, side wiring complete
with power supply.

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.



QUICKLED



LED / 9W / MWFL									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84				44°		EL.	○	1T4770EL	1T4771EL
Fixture Power	12W	1	0.81	1937	EL.	●	1T4772EL	1T4773EL	
Source Flux	1302lm	2	1.63	484	DALI	○	1T4770DA	1T4771DA	
Fixture Flux	1025lm	3	2.44	215	DALI	●	1T4772DA	1T4773DA	
Efficacy	88lm/W	4	3.26	121					
TS902	Imax=1488cd/klm	Imax	1937cd	5	4.07	77			

LED / 15W / MWFL									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84				44°		EL.	○	1T4774EL	1T4775EL
Fixture Power	16W	1	0.81	2772	EL.	●	1T4776EL	1T4777EL	
Source Flux	1863lm	2	1.63	693	DALI	○	1T4774DA	1T4775DA	
Fixture Flux	1466lm	3	2.44	308	DALI	●	1T4776DA	1T4777DA	
Efficacy	89lm/W	4	3.26	173					
TS902	Imax=1488cd/klm	Imax	2772cd	5	4.07	111			

Accessories

Emergency Kit

Code

1T3144

Emergency kit.
Inverter + 3h battery pack.

Control systems

Code

1T5349

Code

1T5352

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

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. It prevents any change to the management features provided by the Casambi system.

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.

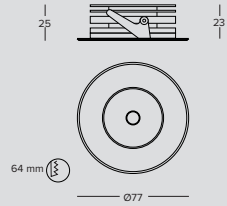
Available in three different versions-MINI, FIX and FLEX- all of which are available with square or circular rings. The FLEX version is the smallest adjustable recessed fixture in the collection, precise and discrete for punctual and projected light. Adjustable to $\pm 22^\circ$.



POLKA



Fix Round ring



LED / 12W / VWFL

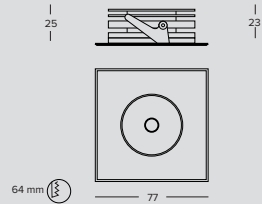


	3000K	H(m)	D(m)	Emax(lx)
	Ra80		108°	
Fixture Power	14W	1	2.75	364
Source Flux	814lm	2	5.49	91
Fixture Flux	814lm	3	8.24	40
Efficacy	59lm/W	4	10.98	23
TS765	Imax=447cd/klm	Imax	364cd	5 13.73 15

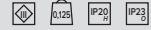
Power supply	Colour	3000K
350mA	○	1T3699
350mA	●	1T3700
350mA	●	1T6415



Fix Squared ring



LED / 12W / VWFL

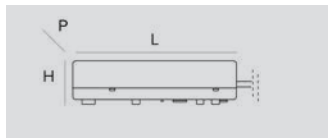


	3000K	H(m)	D(m)	Emax(lx)
	Ra80		108°	
Fixture Power	14W	1	2.75	364
Source Flux	814lm	2	5.49	91
Fixture Flux	814lm	3	8.24	40
Efficacy	59lm/W	4	10.98	23
TS765	Imax=447cd/klm	Imax	364cd	5 13.73 15

Power supply	Colour	3000K
350mA	○	1T3937
350mA	●	1T3938
350mA	●	1T6416

Related codes

Power Supply



Code

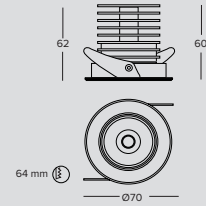
1T1757

Electronic power supply 15W, LxHxP=119x22x52mm, 220-240V, 350mA, IP20.

POLKA



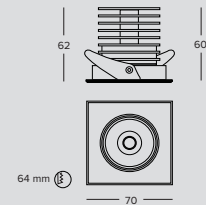
Flex Round ring



LED / 12W / MWFL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	
	Ra80		45°		350mA	○	1T3701	
	Fixture Power	14W	1	0.82	1479	350mA	●	1T3702
	Source Flux	901lm	2	1.64	370	350mA	●	1T6417
	Fixture Flux	901lm	3	2.46	164			
	Efficacy	64lm/W	4	3.28	92			
TS766	Imax=1641cd/klm	Imax	1479cd	5	4.10	59		



Flex Squared ring



LED / 12W / MWFL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	
	Ra80		45°		350mA	○	1T3939	
	Fixture Power	14W	1	0.82	1479	350mA	●	1T3940
	Source Flux	901lm	2	1.64	370	350mA	●	1T6418
	Fixture Flux	901lm	3	2.46	164			
	Efficacy	64lm/W	4	3.28	92			
TS766	Imax=1641cd/klm	Imax	1479cd	5	4.10	59		

Related codes

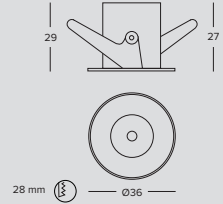
Power Supply
Code
1T1757

Electronic power supply 15W, LxHxP=119x22x52mm, 220-240V, 350mA, IP20.

POLKA



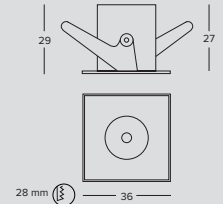
Mini Round ring



LED / 1,2W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	
	Ra80		92°		350mA	○	1T3697	
	Fixture Power	2W	1	2.08	33	350mA	●	1T3698
	Source Flux	59lm	2	4.16	8	350mA	●	1T5422
	Fixture Flux	59lm	3	6.25	4			
	Efficacy	34lm/W	4	8.33	2			
TS767	Imax=571cd/klm	Imax	33cd	5	10.41	1		



Mini Squared ring



LED / 1,2W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	
	Ra80		92°		350mA	○	1T3935	
	Fixture Power	2W	1	2.08	33	350mA	●	1T3936
	Source Flux	59lm	2	4.16	8	350mA	●	1T5423
	Fixture Flux	59lm	3	6.25	4			
	Efficacy	34lm/W	4	8.33	2			
TS767	Imax=571cd/klm	Imax	33cd	5	10.41	1		

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

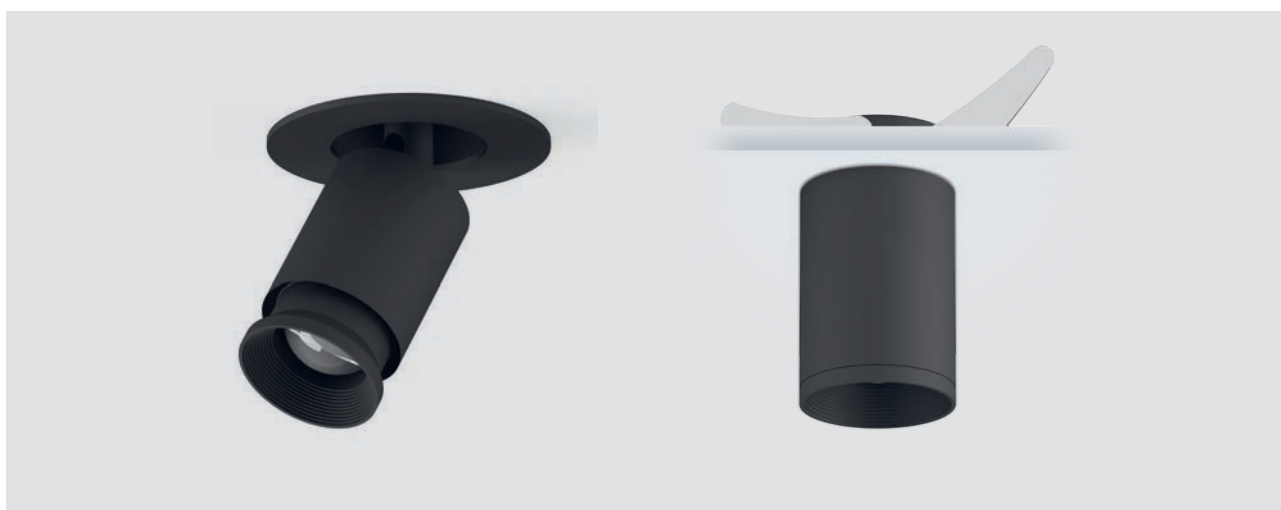
Electronic remote

MATERIAL

Painted or anodised aluminium body

A range of projectors with a minimal footprint with different installation types characterised by manual focus.

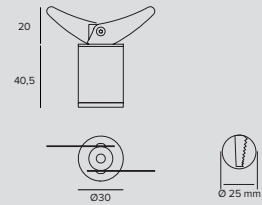
Available also in a single or multi-optical pole mounted version.



OTTO



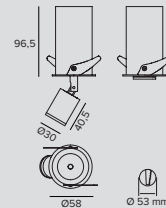
Semi-Recessed



LED / 3W / ZOOM / SP-FL									
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K	
	Ra84		14°		1050mA	○	1T6335	1T6336	
	Fixture Power	5W	1	0.24	2069	1050mA	●	1T6347	1T6348
	Source Flux	370lm	2	0.49	517	1050mA	●	1T6359	1T6360
	Fixture Flux	117lm	3	0.73	230				
	Efficacy	23lm/W	4	0.98	129				
TS1039	Imax=5593cd/klm	Imax	2069cd	5	1.22	83			
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		34°						
	Fixture Power	5W	1	0.62	481				
	Source Flux	370lm	2	1.23	120				
	Fixture Flux	141lm	3	1.85	53				
	Efficacy	28lm/W	4	2.46	30				
TS1040	Imax=1301cd/klm	Imax	481cd	5	3.08	19			



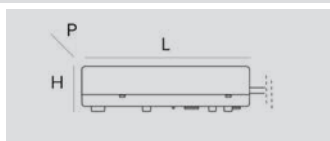
Recessed extractable



LED / 3W / ZOOM / SP-FL									
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	4000K	
	Ra84		14°		1050mA	○	1T6333	1T6334	
	Fixture Power	5W	1	0.24	2069	1050mA	●	1T6345	1T6346
	Source Flux	370lm	2	0.49	517	1050mA	●	1T6357	1T6358
	Fixture Flux	117lm	3	0.73	230				
	Efficacy	23lm/W	4	0.98	129				
TS1039	Imax=5593cd/klm	Imax	2069cd	5	1.22	83			
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		34°						
	Fixture Power	5W	1	0.62	481				
	Source Flux	370lm	2	1.23	120				
	Fixture Flux	141lm	3	1.85	53				
	Efficacy	28lm/W	4	2.46	30				
TS1040	Imax=1301cd/klm	Imax	481cd	5	3.08	19			

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.

QUADRO

GENERAL INFO

Low luminance recessed projector
63x63mm
127x127mm
136x136mm (angular version)

LED

LED lamp accessory
3000K – 4000K

OPTICS

SP – FL

POWER SUPPLY

Electronic remote
Casambi control system available by using
a dedicated accessory (only for halogen
version products + dimmable driver TRIAC/
IGBT max 50W).

MATERIAL

Body and counter-ring in a single
die-cast aluminium element painted and
fully recessable into the false ceiling. Can
be adjusted +/-30° vertically and 355°
horizontally.

A low luminance recessed fixture with a
minimal design for halogen lamps and LED
sources. The particular shape of the body
makes it easy to use for trimless recessed
installation completely retracted into the
ceiling.

Available in two different sizes - large and
small.



QUADRO

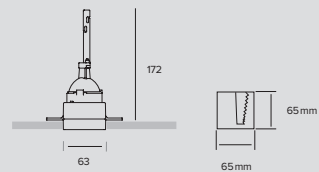


**PRIVATE
HOUSE
2017**

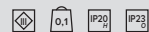
QUADRO



Small fixed 12V



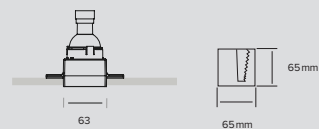
QR-CB51 max 50W GU5,3 / LED MR16



Power supply	Colour	Code
12Vac/12Vdc	○	1T1199
12Vac/12Vdc	●	1T5403



Small fixed 230V



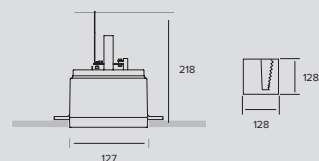
LED MR16 / 6W GU10



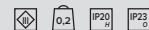
Power supply	Colour	Code
220-240Vac	○	1T6513
220-240Vac	●	1T6514



Large fixed 12V



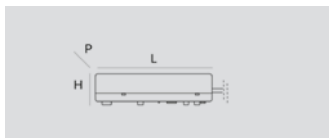
QR111 max 100W / LED DR111 15W G53



Power supply	Colour	Code
12Vac/12Vdc	○	1T1200

Related codes

Power Supply



Code

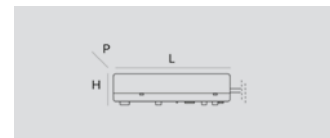
20-60W - 86x20x31mm

47567

20-105W - 141x29x40mm

47568

Electronic transformer 230-240V/12V-AC 50-60Hz - IP20
Dimmable TRIAC + IGBT.
LxHxP



Code

10/20W - 145x19x55mm

T1585

70W - 225x51x65mm

T1586

Electronic power supply for LED 220-240V-AC, 12V-DC - IP65
Non-dimmable.
LxHxP

Accessories

Source



Codice

DR111 LED 15W (3000K) FL (30°) 2300cd G53 12V

08072

PAR16 LED GU10 6W (3000K) 38° 500lm 700cd

38630P

PAR16 LED GU10 6W (4000K) 38° 510lm 725cd

38640P

Non-dimmable.

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

PROJECTORS

TRACK PROJECTORS



228 ZENO



240 LABEL
230V



246 STORE



256 RAY



266 LEDÒ



274 EUROSTANDARD
PLUS

SURFACE PROJECTORS



280 JEDI
COMPACT



288 ZENO



290 VOLTA



294 CORO



316 OTTO



312 OTTO
MULTI-OPTIC

indoor

PROJECTORS

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

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	LENTICULAR	•		
NSP	INDIRECT		•	•
SP	LENTICULAR	•		
SP	HYBRID			•
FL	LENTICULAR	•		
FL	HYBRID		•	•
MWFL	REFLECTOR	•	•	•
WFL	REFLECTOR	•	•	•
WW	REFLECTOR		•	•





Magnani Rocca Foundation

COUNTRY
Parma, Italy

2018

ZENO plus

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**

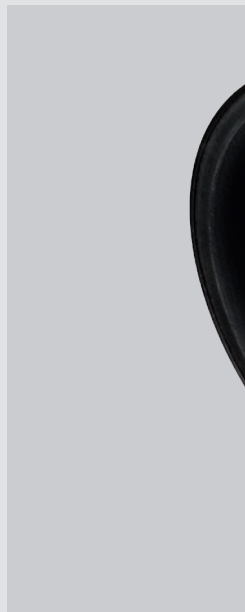
02



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.

03

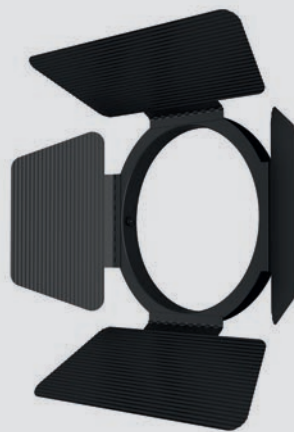




ZENO LARGE equipped with an indirect Narrow Spot optic

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.

04



Great variety of optical accessories

such as a Flap, Zoom, Cut-Off and corrective filters to satisfy even the most complex lighting requirements.

05



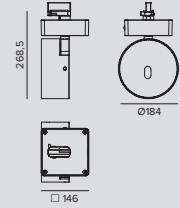
Balance projector

The fixture was designed so that the centre of gravity remains on the axis; this means perfect balance on the track.

ZENO



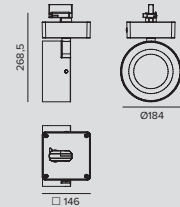
Large NSP



LED / 26W / INDIRECT / NSP										
	3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
		Ra97			6"		EL.	○	1T5377EL	1T5378EL
	Fixture Power	28W	1	0.11	121856	EL.	●	1T5379EL	1T5380EL	
	Source Flux	2463lm	2	0.22	30464	DALI	○	1T5377DA	1T5378DA	
	Fixture Flux	1736lm	3	0.33	13540	DALI	●	1T5379DA	1T5380DA	
	Efficacy	62lm/W	4	0.45	7616	CASAMBI	○	1T5377DACA	1T5378DACA	
TS980	Imax=49475cd/klm	Imax	121856cd	5	0.56	4874	CASAMBI	●	1T5379DACA	1T5380DACA



Large

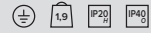


LED / 51W / HYBRID / SP										
	3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
		Ra97			17"		EL.	○	1T5381EL	1T5382EL
	Fixture Power	54W	1	0.30	26788	EL.	●	1T5383EL	1T5384EL	
	Source Flux	4985lm	2	0.60	6697	DALI	○	1T5381DA	1T5382DA	
	Fixture Flux	2842lm	3	0.89	2976	DALI	●	1T5383DA	1T5384DA	
	Efficacy	52lm/W	4	1.19	1674	CASAMBI	○	1T5381DACA	1T5382DACA	
TS981	Imax=5374cd/klm	Imax	26788cd	5	1.49	1072	CASAMBI	●	1T5383DACA	1T5384DACA

LED / 51W / HYBRID / FL										
	3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
		Ra97			27"		EL.	○	1T5385EL	1T5386EL
	Fixture Power	54W	1	0.47	15064	EL.	●	1T5387EL	1T5388EL	
	Source Flux	4985lm	2	0.94	3766	DALI	○	1T5385DA	1T5386DA	
	Fixture Flux	3194lm	3	1.42	1674	DALI	●	1T5387DA	1T5388DA	
	Efficacy	59lm/W	4	1.89	942	CASAMBI	○	1T5385DACA	1T5386DACA	
TS982	Imax=3022cd/klm	Imax	15064cd	5	2.36	603	CASAMBI	●	1T5387DACA	1T5388DACA

LED / 51W / REFLECTOR / MWFL										
	3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
		Ra97			38"		EL.	○	1T5389EL	1T5390EL
	Fixture Power	54W	1	0.69	7001	EL.	●	1T5391EL	1T5392EL	
	Source Flux	4985lm	2	1.38	1750	DALI	○	1T5389DA	1T5390DA	
	Fixture Flux	4088lm	3	2.07	778	DALI	●	1T5391DA	1T5392DA	
	Efficacy	75lm/W	4	2.76	438	CASAMBI	○	1T5389DACA	1T5390DACA	
TS983	Imax=1417cd/klm	Imax	7066cd	5	3.44	280	CASAMBI	●	1T5391DACA	1T5392DACA

LED / 51W / REFLECTOR / WFL

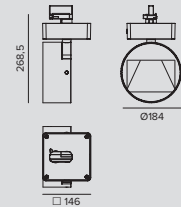


		3000K	H(m)	D(m)	E _{max} (lx)
Ra97				52°	
Fixture Power	54W	1	0.97	5123	
Source Flux	4985lm	2	1.94	1281	
Fixture Flux	4078lm	3	2.91	569	
Efficacy	75lm/W	4	3.88	320	
TS984	I _{max} =1028cd/klm	I _{max}	5123cd	5	4.85
					205

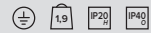
Driver	Colour	3000K	4000K
EL.	○	1T5393EL	1T5394EL
EL.	●	1T5395EL	1T5396EL
DALI	○	1T5393DA	1T5394DA
DALI	●	1T5395DA	1T5396DA
CASAMBI	○	1T5393DACA	1T5394DACA
CASAMBI	●	1T5395DACA	1T5396DACA



Large WW



LED / 52W / WALL WASHER

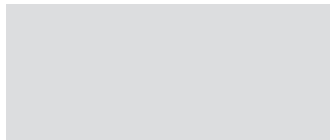


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra97				34°	81°	
Fixture Power	56W	1	0.98	1.99	1761	
Source Flux	4995lm	2	1.96	3.98	440	
Fixture Flux	2413lm	3	2.94	5.96	196	
Efficacy	43lm/W	4	3.92	7.95	110	
TS985	I _{max} =520cd/klm	I _{max}	2599cd	5	4.91	9.94
						70

Driver	Colour	3000K	4000K
EL.	○	1T5397EL	1T5398EL
EL.	●	1T5399EL	1T5400EL
DALI	○	1T5397DA	1T5398DA
DALI	●	1T5399DA	1T5400DA
CASAMBI	○	1T5397DACA	1T5398DACA
CASAMBI	●	1T5399DACA	1T5400DACA

Accessories

Filter

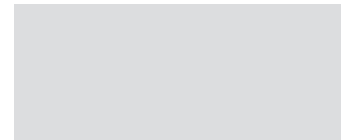


Code

1T6054

Methacrylate olographic 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.

Anti-glare Grid

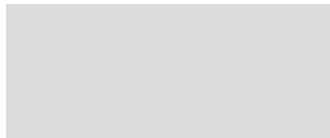


Code

1T6055

Black lacquered aluminium honeycomb structure.
To be completed with a dedicated holder ring.

Cut-off



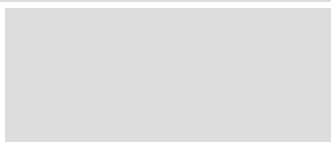
Code

1T6056

Black painted steel cut-off.
To be completed with a dedicated holder ring.

ZENO

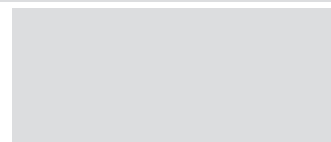
RAY Shade



Code

1T6057

Black painted steel asymmetric cut-off.
To be completed with a dedicated holder ring.

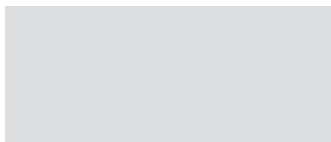


Code

1T6058

Adjustable barn doors flaps made of black painted steel.
To be completed with a dedicated holder ring.

Holder Ring



Colour

Code



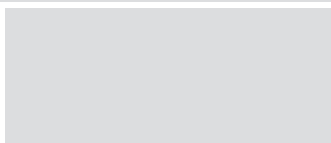
1T6500



1T6053

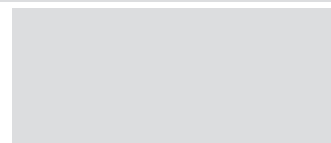
Painted aluminium accessory holder ring.

Adapter



Ø	H	Driver	Colour	Code
100	32	EL.		1T2219
100	32	EL.		1T2220
100	32	EL.		1T2221

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
104	35	DALI		9000/BP-D-G
104	35	DALI		9000/BP-D-W
104	35	DALI		9000/BP-D-B

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.		1T2222
Ø105/125	130	60	EL.		1T2223
Ø105/125	130	60	EL.		1T2224

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
Ø110/115	130	67	DALI		9000/BR-G
Ø110/115	130	67	DALI		9000/BR-W
Ø110/115	130	67	DALI		9000/BR-B

Recessed mounting adapter for electrified track type projectors.

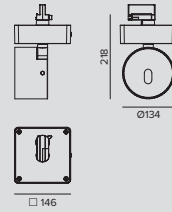
9000/BR-G - To be completed with 9000/BP-D-G.

9000/BR-W - To be completed with 9000/BP-D-W.

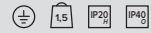
9000/BR-B - To be completed with 9000/BP-D-B.



Medium NSP



LED / 18W / INDIRECT / NSP

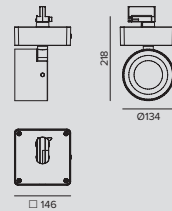


	3000K	H(m)	D(m)	Emax(lx)		
Ra97			9°			
Fixture Power	20W	1	0.16	29156		
Source Flux	1881lm	2	0.33	7289		
Fixture Flux	978lm	3	0.49	3240		
Efficacy	48lm/W	4	0.65	1822		
TS974	Imax=15500cd/klm	Imax	29156cd	5	0.82	1166

Driver	Colour	3000K	4000K
EL.	○	1T5353EL	1T5354EL
EL.	●	1T5355EL	1T5356EL
DALI	○	1T5353DA	1T5354DA
DALI	●	1T5355DA	1T5356DA
CASAMBI	○	1T5353DACA	1T5354DACA
CASAMBI	●	1T5355DACA	1T5356DACA



Medium



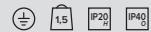
LED / 26W / HYBRID / SP



	3000K	H(m)	D(m)	Emax(lx)		
Ra97			16°			
Fixture Power	28W	1	0.27	17721		
Source Flux	2602lm	2	0.55	4430		
Fixture Flux	1735lm	3	0.82	1969		
Efficacy	62lm/W	4	1.10	1108		
TS975	Imax=6811cd/klm	Imax	17721cd	5	1.37	709

Driver	Colour	3000K	4000K
EL.	○	1T5357EL	1T5358EL
EL.	●	1T5359EL	1T5360EL
DALI	○	1T5357DA	1T5358DA
DALI	●	1T5359DA	1T5360DA
CASAMBI	○	1T5357DACA	1T5358DACA
CASAMBI	●	1T5359DACA	1T5360DACA

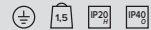
LED / 26W / HYBRID / FL



	3000K	H(m)	D(m)	Emax(lx)		
Ra97			32°			
Fixture Power	28W	1	0.56	5622		
Source Flux	2602lm	2	1.13	1405		
Fixture Flux	1554lm	3	1.69	625		
Efficacy	55lm/W	4	2.26	351		
TS976	Imax=2161cd/klm	Imax	5622cd	5	2.82	225

Driver	Colour	3000K	4000K
EL.	○	1T5361EL	1T5362EL
EL.	●	1T5363EL	1T5364EL
DALI	○	1T5361DA	1T5362DA
DALI	●	1T5363DA	1T5364DA
CASAMBI	○	1T5361DACA	1T5362DACA
CASAMBI	●	1T5363DACA	1T5364DACA

LED / 26W / REFLECTOR / MWFL

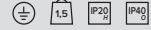


	3000K	H(m)	D(m)	Emax(lx)		
Ra97			46°			
Fixture Power	28W	1	0.84	3642		
Source Flux	2602lm	2	1.68	911		
Fixture Flux	2128lm	3	2.52	405		
Efficacy	76lm/W	4	3.37	228		
TS977	Imax=1417cd/klm	Imax	3687cd	5	4.21	146

Driver	Colour	3000K	4000K
EL.	○	1T5365EL	1T5366EL
EL.	●	1T5367EL	1T5368EL
DALI	○	1T5365DA	1T5366DA
DALI	●	1T5367DA	1T5368DA
CASAMBI	○	1T5365DACA	1T5366DACA
CASAMBI	●	1T5367DACA	1T5368DACA

ZENO

LED / 26W / REFLECTOR / WFL

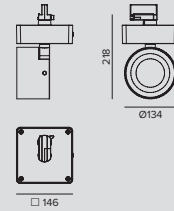


		3000K	H(m)	D(m)	Emax(lx)
Ra97				59°	
Fixture Power	28W	1	1.12	2590	
Source Flux	2602lm	2	2.24	648	
Fixture Flux	2136lm	3	3.36	288	
Efficacy	76lm/W	4	4.48	162	
TS978	I _{max} =996cd/klm	I _{max}	2592cd	5	5.60
				104	

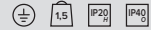
Driver	Colour	3000K	4000K
EL.	○	1T5369EL	1T5370EL
EL.	●	1T5371EL	1T5372EL
DALI	○	1T5369DA	1T5370DA
DALI	●	1T5371DA	1T5372DA
CASAMBI	○	1T5369DACA	1T5370DACA
CASAMBI	●	1T5371DACA	1T5372DACA



Medium DBS



LED / 26W / DBS



		3000K	H(m)	D(m)	Emax(lx)
Ra97				16°	
Fixture Power	28W	1	0.28	12144	
Source Flux	2602lm	2	0.56	3036	
Fixture Flux	1244lm	3	0.84	1349	
Efficacy	44lm/W	4	1.12	759	
TS1096	I _{max} =4667cd/klm	I _{max}	12144cd	5	1.40
				486	

Driver	Colour	3000K	4000K
CASAMBI	○	1T6941CA	1T6943CA
CASAMBI	●	1T6942CA	1T6944CA

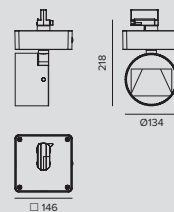
		3000K	H(m)	D(m)	Emax(lx)
Ra97				25°	
Fixture Power	28W	1	0.45	4670	
Source Flux	2602lm	2	0.89	1167	
Fixture Flux	1202lm	3	1.34	519	
Efficacy	43lm/W	4	1.79	292	
TS1097	I _{max} =1795cd/klm	I _{max}	4670cd	5	2.24
				187	

		3000K	H(m)	D(m)	Emax(lx)
Ra97				34°	
Fixture Power	28W	1	0.61	2562	
Source Flux	2602lm	2	1.23	640	
Fixture Flux	1168lm	3	1.84	285	
Efficacy	42lm/W	4	2.45	160	
TS1098	I _{max} =984cd/klm	I _{max}	2562cd	5	3.07
				102	

		3000K	H(m)	D(m)	Emax(lx)
Ra97				42°	
Fixture Power	28W	1	0.78	1615	
Source Flux	2602lm	2	1.55	404	
Fixture Flux	1108lm	3	2.33	179	
Efficacy	40lm/W	4	3.11	101	
TS1099	I _{max} =620cd/klm	I _{max}	1615cd	5	3.88
				65	



Medium WW



LED / 26W / WALL WASHER

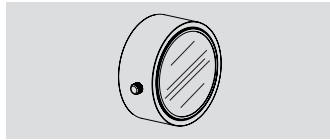


		3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra97				34°	54°	
Fixture Power	28W	1	1.06	1.18	1345	
Source Flux	2602lm	2	2.11	2.35	336	
Fixture Flux	1473lm	3	3.17	3.53	149	
Efficacy	53lm/W	4	4.23	4.71	84	
TS979	I _{max} =745cd/klm	I _{max}	1939cd	5	5.28	5.89
						54

Driver	Colour	3000K	4000K
EL.	○	1T5373EL	1T5374EL
EL.	●	1T5375EL	1T5376EL
DALI	○	1T5373DA	1T5374DA
DALI	●	1T5375DA	1T5376DA
CASAMBI	○	1T5373DACA	1T5374DACA
CASAMBI	●	1T5375DACA	1T5376DACA

Accessories

Filter

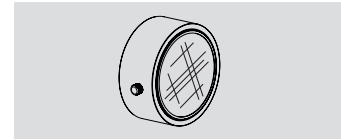


Code

1T6060

Methacrylate olographic 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.

Anti-glare Grid

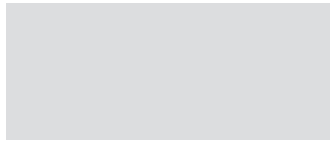


Code

1T6061

Black lacquered aluminium honeycomb structure.
To be completed with a dedicated holder ring.

Cut-off

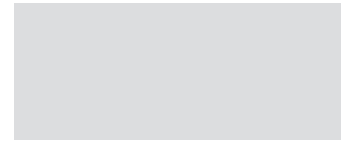


Code

1T6062

Black painted steel cut-off.
To be completed with a dedicated holder ring.

Holder Ring



Colour



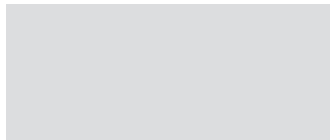
1T6059



1T6501

Black painted aluminium accessory holder ring.

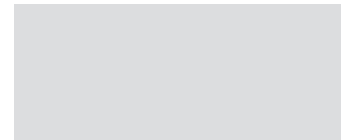
RAY Shade



Code

1T6063

Black painted steel asymmetric cut-off.
To be completed with a dedicated holder ring.

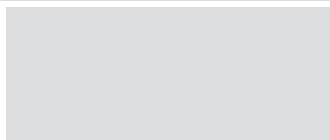


Code

1T6064

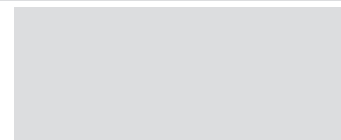
Adjustable barn doors flaps made of black painted steel.
To be completed with a dedicated holder ring.

Adapter



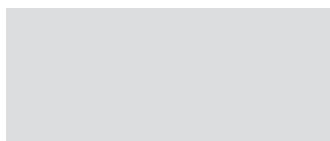
Ø	H	Driver	Colour	Code
100	32	EL.	●	1T2219
100	32	EL.	●	1T2220
100	32	EL.	○	1T2221

Ceiling mounting adapter for electrified track type projectors.



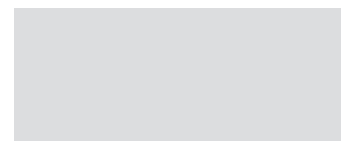
Ø	H	Driver	Colour	Code
104	35	DALI	●	9000/BP-D-G
104	35	DALI	○	9000/BP-D-W
104	35	DALI	●	9000/BP-D-B

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	●	1T2222
Ø105/125	130	60	EL.	○	1T2223
Ø105/125	130	60	EL.	●	1T2224

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
Ø110/115	130	67	DALI	●	9000/BR-G
Ø110/115	130	67	DALI	○	9000/BR-W
Ø110/115	130	67	DALI	●	9000/BR-B

Recessed mounting adapter for electrified track type projectors.
9000/BR-G - To be completed with 9000/BP-D-G.
9000/BR-W - To be completed with 9000/BP-D-W.
9000/BR-B - To be completed with 9000/BP-D-B.

ZENO



Small

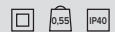
LED / 11W / LENS / NSP



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra97				7°		
Fixture Power	15W	1	0.13	24183		
Source Flux	1619lm	2	0.26	6046		
Fixture Flux	712lm	3	0.39	2687		
Efficacy	48lm/W	4	0.52	1511		
TS1063	I _{max} =14937cd/klm	I _{max}	24183cd	5	0.65	967

Driver	Colour	3000K	4000K
EL.	○	1T6531EL	1T6532EL
EL.	●	1T6533EL	1T6534EL
DALI	○	1T6531DA	1T6532DA
DALI	●	1T6533DA	1T6534DA

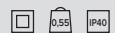
LED / 12W / LENS / SP



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra97				10°		
Fixture Power	14W	1	0.18	17263		
Source Flux	1430lm	2	0.36	4316		
Fixture Flux	1101lm	3	0.54	1918		
Efficacy	82lm/W	4	0.72	1079		
TS1064	I _{max} =12072cd/klm	I _{max}	17263cd	5	0.89	691

Driver	Colour	3000K	4000K
EL.	○	1T6535EL	1T6536EL
EL.	●	1T6537EL	1T6538EL
DALI	○	1T6535DA	1T6536DA
DALI	●	1T6537DA	1T6538DA

LED / 12W / LENS / FL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra97				28°		
Fixture Power	14W	1	0.49	4536		
Source Flux	1430lm	2	0.99	1134		
Fixture Flux	1115lm	3	1.48	504		
Efficacy	83lm/W	4	1.98	284		
TS1065	I _{max} =3172cd/klm	I _{max}	4536cd	5	2.47	181

Driver	Colour	3000K	4000K
EL.	○	1T6539EL	1T6540EL
EL.	●	1T6541EL	1T6542EL
DALI	○	1T6539DA	1T6540DA
DALI	●	1T6541DA	1T6542DA

LED / 12W / REFLECTOR / MWFL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra97				48°		
Fixture Power	14W	1	0.90	1860		
Source Flux	1430lm	2	1.79	465		
Fixture Flux	1178lm	3	2.69	207		
Efficacy	87lm/W	4	3.59	116		
TS1066	I _{max} =1307cd/klm	I _{max}	1870cd	5	4.48	74

Driver	Colour	3000K	4000K
EL.	○	1T6543EL	1T6544EL
EL.	●	1T6545EL	1T6546EL
DALI	○	1T6543DA	1T6544DA
DALI	●	1T6545DA	1T6546DA

LED / 12W / REFLECTOR / WFL

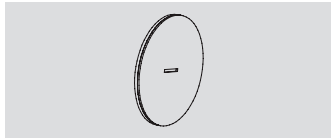


		3000K	H(m)	D(m)	E _{max} (lx)	
Ra97				58°		
Fixture Power	14W	1	1.11	1400		
Source Flux	1430lm	2	2.21	350		
Fixture Flux	1188lm	3	3.32	156		
Efficacy	88lm/W	4	4.43	88		
TS1067	I _{max} =1001cd/klm	I _{max}	1432cd	5	5.53	56

Driver	Colour	3000K	4000K
EL.	○	1T6547EL	1T6548EL
EL.	●	1T6549EL	1T6550EL
DALI	○	1T6547DA	1T6548DA
DALI	●	1T6549DA	1T6550DA

Accessories

Filter

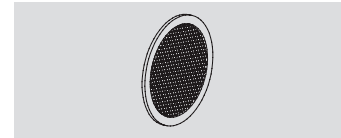


Code

1T6572

Blade of light filter.
Methacrylate olographic 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

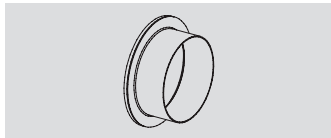


Code

1T6573

Anti-glare louver.
Black lacquered aluminium honeycomb structure.
To be completed with a dedicated holder ring.

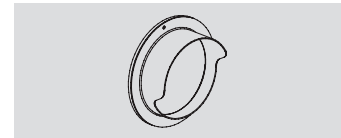
Cut-off



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

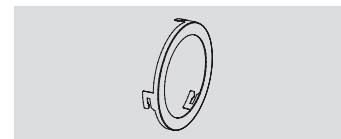


Code

1T6576

Adjustable barn doors flaps made of black painted steel.
To be completed with a dedicated holder ring.

Holder Ring



Code

1T6571

Black painted aluminium accessory black holder ring.

Control systems



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.
It prevents any change to the management features provided by the Casambi system.

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.

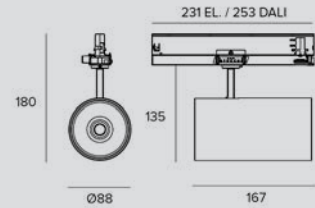
A coordinated range of projectors with track installation designed for applications in the retail, interior and hospitality industry. Available in two different sizes - LABEL 6 and LABEL 9 - with a retractable power supply in the track.

Every version has optics with reflectors for soft effects with broad tones. The set back LED lamp ensures perfect visual comfort.





LABEL 9



LED / 31W / REFLECTOR / SP □ 0,9 IP20

	3000K	H(m)	D(m)	Emax(lx)		
Ra97			16°			
Fixture Power	34W	1	0.29	17467		
Source Flux	3207lm	2	0.57	4367		
Fixture Flux	2322lm	3	0.86	1941		
Efficacy	69lm/W	4	1.14	1092		
TS1060	Imax=5446cd/klm	Imax	17467cd	5	1.43	699

Driver	Colour	3000K	4000K
EL.	○	1T6600EL	1T6601EL
EL.	●	1T6602EL	1T6603EL
EL.	◐	1T6604EL	1T6605EL

LED / 25W / REFLECTOR / SP □ 0,9 IP20

	3000K	H(m)	D(m)	Emax(lx)		
Ra97			16°			
Fixture Power	28W	1	0.29	15081		
Source Flux	2769lm	2	0.57	3770		
Fixture Flux	2005lm	3	0.86	1676		
Efficacy	72lm/W	4	1.14	943		
TS1060	Imax=5446cd/klm	Imax	15081cd	5	1.43	603

Driver	Colour	3000K	4000K
DALI	○	1T6600DA	1T6601DA
DALI	●	1T6602DA	1T6603DA
DALI	◐	1T6604DA	1T6605DA

LED / 31W / REFLECTOR / FL □ 0,9 IP20

	3000K	H(m)	D(m)	Emax(lx)		
Ra97			29°			
Fixture Power	34W	1	0.52	8572		
Source Flux	3207lm	2	1.03	2143		
Fixture Flux	2427lm	3	1.55	952		
Efficacy	72lm/W	4	2.07	536		
TS1061	Imax=2673cd/klm	Imax	8572cd	5	2.58	343

Driver	Colour	3000K	4000K
EL.	○	1T6606EL	1T6607EL
EL.	●	1T6608EL	1T6609EL
EL.	◐	1T6610EL	1T6611EL

LED / 25W / REFLECTOR / FL □ 0,9 IP20

	3000K	H(m)	D(m)	Emax(lx)		
Ra97			29°			
Fixture Power	28W	1	0.52	7401		
Source Flux	2769lm	2	1.03	1850		
Fixture Flux	2096lm	3	1.55	822		
Efficacy	75lm/W	4	2.07	463		
TS1061	Imax=2673cd/klm	Imax	7401cd	5	2.58	296

Driver	Colour	3000K	4000K
DALI	○	1T6606DA	1T6607DA
DALI	●	1T6608DA	1T6609DA
DALI	◐	1T6610DA	1T6611DA

LED / 31W / REFLECTOR / MWFL □ 0,9 IP20

	3000K	H(m)	D(m)	Emax(lx)		
Ra97			46°			
Fixture Power	34W	1	0.85	4471		
Source Flux	3207lm	2	1.70	1118		
Fixture Flux	2384lm	3	2.55	497		
Efficacy	71lm/W	4	3.40	279		
TS1062	Imax=1426cd/klm	Imax	4572cd	5	4.25	179

Driver	Colour	3000K	4000K
EL.	○	1T6612EL	1T6613EL
EL.	●	1T6614EL	1T6615EL
EL.	◐	1T6616EL	1T6617EL

LED / 25W / REFLECTOR / MWFL □ 0,9 IP20

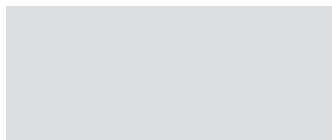
	3000K	H(m)	D(m)	Emax(lx)		
Ra97			46°			
Fixture Power	28W	1	0.85	3860		
Source Flux	2769lm	2	1.70	965		
Fixture Flux	2058lm	3	2.55	429		
Efficacy	74lm/W	4	3.40	241		
TS1062	Imax=1426cd/klm	Imax	3947cd	5	4.25	154

Driver	Colour	3000K	4000K
DALI	○	1T6612DA	1T6613DA
DALI	●	1T6614DA	1T6615DA
DALI	◐	1T6616DA	1T6617DA

LABEL

Accessories

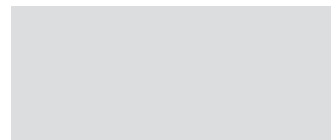
Filter



Filter	Ø	Code
Halogen +	70	1T6506
Vivid +	70	1T6507

Art filter.

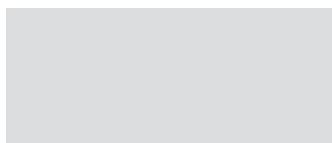
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Beauty	70	1T6512

Beauty filter.

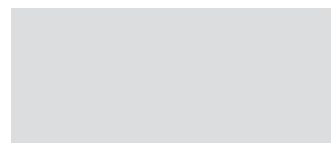
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	1T6508
Fish	70	1T6509
Bread	70	1T6510
Vegetable	70	1T6511

Food filter.

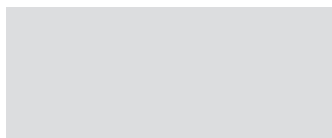
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



	Ø	Code
	70	1T1709

Flat glass wired refractive diffusive filter.

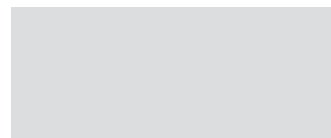
This softens the luminous effect.
To be completed with an additional holder ring.



	Ø	Code
	70	1T1708

Flat ribbed glass parallel light blade 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.

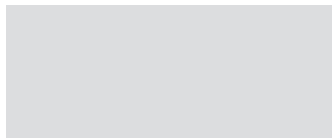


	Ø	Code
	70	1T1711

Anti-glare louver.

Black painted metal honeycomb structure.
To be completed with an additional holder ring.

Cut-off

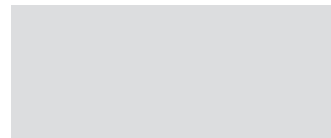


	Ø	Code
	80	1T3142

Cut-off Tube.

Allows for the beam to be focused while removing the fall-off component.

Holder Ring



	Code
	1T3727

Transparent polycarbonate accessory holder ring.

Screen	
	
Ø	Code
77	1T6618

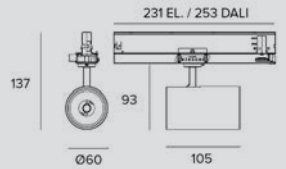
Protective screen.




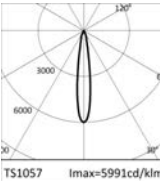
Control systems	
	
	Code
	1T5352




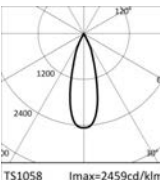
IP20 Extender for wireless control with DALI interfaces. It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in indoor applications. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A. It prevents any change to the management features provided by the Casambi system.




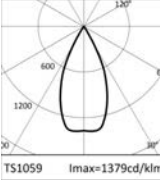


LABEL 6



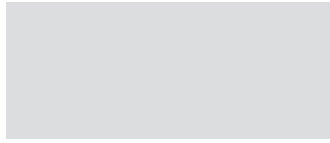
LED / 19W / REFLECTOR / SP									
					Driver	Colour	3000K	4000K	
 <p>TS1057 lmax=5991cd/klm lmax</p>	3000K	H(m)	D(m)	E _{max} (lx)	EL.	○	1T6582EL	1T6583EL	
	Ra97		16°		EL.	●	1T6584EL	1T6585EL	
	Fixture Power	21W	1	0.28	12581	EL.	●	1T6586EL	1T6587EL
	Source Flux	2100lm	2	0.55	3145	DALI	○	1T6582DA	1T6583DA
	Fixture Flux	1542lm	3	0.83	1398	DALI	●	1T6584DA	1T6585DA
	Efficacy	73lm/W	4	1.11	786	DALI	●	1T6586DA	1T6587DA
		5	1.39	503					

LED / 19W / REFLECTOR / FL									
					Driver	Colour	3000K	4000K	
 <p>TS1058 lmax=2459cd/klm lmax</p>	3000K	H(m)	D(m)	E _{max} (lx)	EL.	○	1T6588EL	1T6589EL	
	Ra97		31°		EL.	●	1T6590EL	1T6591EL	
	Fixture Power	21W	1	0.56	5165	EL.	●	1T6592EL	1T6593EL
	Source Flux	2100lm	2	1.12	1291	DALI	○	1T6588DA	1T6589DA
	Fixture Flux	1623lm	3	1.67	574	DALI	●	1T6590DA	1T6591DA
	Efficacy	77lm/W	4	2.23	323	DALI	●	1T6592DA	1T6593DA
		5	2.79	207					

LED / 19W / REFLECTOR / MWFL									
					Driver	Colour	3000K	4000K	
 <p>TS1059 lmax=1379cd/klm lmax</p>	3000K	H(m)	D(m)	E _{max} (lx)	EL.	○	1T6594EL	1T6595EL	
	Ra97		48°		EL.	●	1T6596EL	1T6597EL	
	Fixture Power	21W	1	0.88	2879	EL.	●	1T6598EL	1T6599EL
	Source Flux	2100lm	2	1.77	720	DALI	○	1T6594DA	1T6595DA
	Fixture Flux	1609lm	3	2.65	320	DALI	●	1T6596DA	1T6597DA
	Efficacy	76lm/W	4	3.53	180	DALI	●	1T6598DA	1T6599DA
		5	4.41	115					

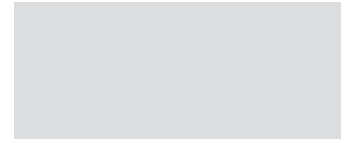
LABEL

Filter



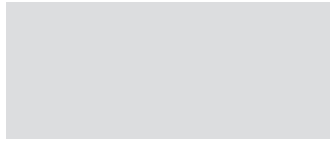
Filter	Ø	Code
Beauty	50	1T6393

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.



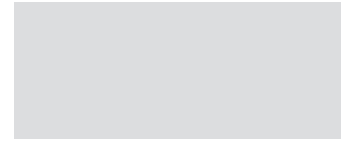
Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.
Flat glass interference filter to vary the colour temperature of light.



Ø	Code
50	1T4721

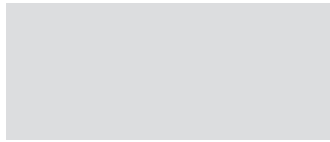
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.
Flat glass interference filter to vary the colour temperature of light.

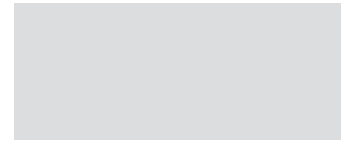
Screen



Ø	Code
50	1T6521

Protective screen.

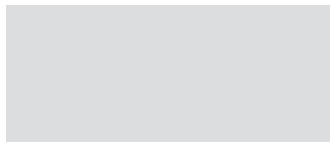
Grid



Ø	Code
50	1T4322

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

Control systems



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.
It prevents any change to the management features provided by the Casambi system.



**RINASCIMENTO
STORE**
Teddy Spa Group
2017

ARCHITECT
WOMArchitettura
Arch. Teresa D'Alessandro
Arch. Caterina Pulcinella

COUNTRY
Cremona, Italy

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	•	•





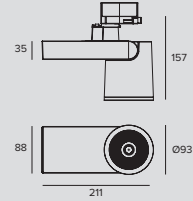
**MC LAREN
SHOWROOM
2017**

COUNTRY
Milan - Italy

STORE



Projector



LED / 19W / REFLECTOR / SP / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		14°		
Fixture Power	22W	1	0.24	23022		
Source Flux	2935lm	2	0.48	5755		
Fixture Flux	2494lm	3	0.72	2558		
Efficacy	112lm/W	4	0.96	1439		
TS947	Imax=7844cd/klm	Imax	23022cd	5	1.20	921

Driver	Colour	3000K	4000K
EL.	○	1T5050EL	1T5052EL
EL.	●	1T5034EL	1T5036EL
DALI	○	1T5050DA	1T5052DA
DALI	●	1T5034DA	1T5036DA

LED / 19W / REFLECTOR / SP / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		14°		
Fixture Power	22W	1	0.24	17704		
Source Flux	2257lm	2	0.48	4426		
Fixture Flux	1918lm	3	0.72	1967		
Efficacy	86lm/W	4	0.96	1106		
TS947	Imax=7844cd/klm	Imax	17704cd	5	1.20	708

Driver	Colour	3000K	4000K
EL.	○	1T5051EL	1T5053EL
EL.	●	1T5035EL	1T5037EL
DALI	○	1T5051DA	1T5053DA
DALI	●	1T5035DA	1T5037DA

LED / 19W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		27°		
Fixture Power	22W	1	0.49	9061		
Source Flux	2935lm	2	0.97	2265		
Fixture Flux	2486lm	3	1.46	1007		
Efficacy	112lm/W	4	1.95	566		
TS948	Imax=3087cd/klm	Imax	9061cd	5	2.43	362

Driver	Colour	3000K	4000K
EL.	○	1T5054EL	1T5056EL
EL.	●	1T5038EL	1T5040EL
DALI	○	1T5054DA	1T5056DA
DALI	●	1T5038DA	1T5040DA

LED / 19W / REFLECTOR / FL / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		27°		
Fixture Power	22W	1	0.49	6968		
Source Flux	2257lm	2	0.97	1742		
Fixture Flux	1912lm	3	1.46	774		
Efficacy	86lm/W	4	1.95	435		
TS948	Imax=3087cd/klm	Imax	6968cd	5	2.43	279

Driver	Colour	3000K	4000K
EL.	○	1T5055EL	1T5057EL
EL.	●	1T5039EL	1T5041EL
DALI	○	1T5055DA	1T5057DA
DALI	●	1T5039DA	1T5041DA

LED / 19W / REFLECTOR / MWFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		45°		
Fixture Power	22W	1	0.82	4770		
Source Flux	2935lm	2	1.64	1193		
Fixture Flux	2550lm	3	2.46	530		
Efficacy	115lm/W	4	3.28	298		
TS949	Imax=1655cd/klm	Imax	4856cd	5	4.10	191

Driver	Colour	3000K	4000K
EL.	○	1T5058EL	1T5060EL
EL.	●	1T5042EL	1T5044EL
DALI	○	1T5058DA	1T5060DA
DALI	●	1T5042DA	1T5044DA

LED / 19W / REFLECTOR / MWFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)	
	Ra97		45°		
	Fixture Power	22W	1	0.82	3668
	Source Flux	2257lm	2	1.64	917
	Fixture Flux	1961lm	3	2.46	408
	Efficacy	88lm/W	4	3.28	229
	Imax	3734cd	5	4.10	147

Driver	Colour	3000K	4000K
EL.	○	1T5059EL	1T5061EL
EL.	●	1T5043EL	1T5045EL
DALI	○	1T5059DA	1T5061DA
DALI	●	1T5043DA	1T5045DA

LED / 19W / REFLECTOR / WFL / CRI84



	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		59°		
	Fixture Power	22W	1	1.13	3318
	Source Flux	2935lm	2	2.26	830
	Fixture Flux	2585lm	3	3.39	369
	Efficacy	116lm/W	4	4.51	207
	Imax	3350cd	5	5.64	133

Driver	Colour	3000K	4000K
EL.	○	1T5062EL	1T5064EL
EL.	●	1T5046EL	1T5048EL
DALI	○	1T5062DA	1T5064DA
DALI	●	1T5046DA	1T5048DA

LED / 19W / REFLECTOR / WFL / CRI97



	3000K	H(m)	D(m)	Emax(lx)	
	Ra97		59°		
	Fixture Power	22W	1	1.13	2552
	Source Flux	2257lm	2	2.26	638
	Fixture Flux	1988lm	3	3.39	284
	Efficacy	90lm/W	4	4.51	159
	Imax	2576cd	5	5.64	102

Driver	Colour	3000K	4000K
EL.	○	1T5063EL	1T5065EL
EL.	●	1T5047EL	1T5049EL
DALI	○	1T5063DA	1T5065DA
DALI	●	1T5047DA	1T5049DA

LED / 33W / REFLECTOR / SP / CRI84



	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		14°		
	Fixture Power	36W	1	0.24	33552
	Source Flux	4277lm	2	0.48	8388
	Fixture Flux	3635lm	3	0.72	3728
	Efficacy	102lm/W	4	0.96	2097
	Imax	33552cd	5	1.20	1342

Driver	Colour	3000K	4000K
EL.	○	1T5082EL	1T5084EL
EL.	●	1T5066EL	1T5068EL
DALI	○	1T5082DA	1T5084DA
DALI	●	1T5066DA	1T5068DA

LED / 33W / REFLECTOR / SP / CRI97



	3000K	H(m)	D(m)	Emax(lx)	
	Ra97		14°		
	Fixture Power	36W	1	0.24	25809
	Source Flux	3290lm	2	0.48	6452
	Fixture Flux	2796lm	3	0.72	2868
	Efficacy	78lm/W	4	0.96	1613
	Imax	25809cd	5	1.20	1032

Driver	Colour	3000K	4000K
EL.	○	1T5083EL	1T5085EL
EL.	●	1T5067EL	1T5069EL
DALI	○	1T5083DA	1T5085DA
DALI	●	1T5067DA	1T5069DA

LED / 33W / REFLECTOR / FL / CRI84



	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		27°		
	Fixture Power	36W	1	0.49	13204
	Source Flux	4277lm	2	0.97	3301
	Fixture Flux	3622lm	3	1.46	1467
	Efficacy	101lm/W	4	1.95	825
	Imax	13204cd	5	2.43	528

Driver	Colour	3000K	4000K
EL.	○	1T5086EL	1T5088EL
EL.	●	1T5070EL	1T5072EL
DALI	○	1T5086DA	1T5088DA
DALI	●	1T5070DA	1T5072DA

STORE

LED / 33W / REFLECTOR / FL / CRI97



3000K		H(m)	D(m)	Emax(lx)
Ra97			27°	
Fixture Power	36W	1	0.49	10157
Source Flux	3290lm	2	0.97	2539
Fixture Flux	2786lm	3	1.46	1129
Efficacy	78lm/W	4	1.95	635
TS952	Imax=3087cd/klm	Imax	10157cd	5 2.43 406

Driver	Colour	3000K	4000K
EL.	○	1T5087EL	1T5089EL
EL.	●	1T5071EL	1T5073EL
DALI	○	1T5087DA	1T5089DA
DALI	●	1T5071DA	1T5073DA

LED / 33W / REFLECTOR / MWFL / CRI84



3000K		H(m)	D(m)	Emax(lx)
Ra84			45°	
Fixture Power	36W	1	0.82	6951
Source Flux	4277lm	2	1.64	1738
Fixture Flux	3716lm	3	2.46	772
Efficacy	104lm/W	4	3.28	434
TS953	Imax=1655cd/klm	Imax	7076cd	5 4.10 278

Driver	Colour	3000K	4000K
EL.	○	1T5090EL	1T5092EL
EL.	●	1T5074EL	1T5076EL
DALI	○	1T5090DA	1T5092DA
DALI	●	1T5074DA	1T5076DA

LED / 33W / REFLECTOR / MWFL / CRI97



3000K		H(m)	D(m)	Emax(lx)
Ra97			45°	
Fixture Power	36W	1	0.82	5347
Source Flux	3290lm	2	1.64	1337
Fixture Flux	2859lm	3	2.46	594
Efficacy	80lm/W	4	3.28	334
TS953	Imax=1655cd/klm	Imax	5443cd	5 4.10 214

Driver	Colour	3000K	4000K
EL.	○	1T5091EL	1T5093EL
EL.	●	1T5075EL	1T5077EL
DALI	○	1T5091DA	1T5093DA
DALI	●	1T5075DA	1T5077DA

LED / 33W / REFLECTOR / WFL / CRI84



3000K		H(m)	D(m)	Emax(lx)
Ra84			59°	
Fixture Power	36W	1	1.13	4836
Source Flux	4277lm	2	2.26	1209
Fixture Flux	3768lm	3	3.39	537
Efficacy	106lm/W	4	4.51	302
TS954	Imax=1142cd/klm	Imax	4882cd	5 5.64 193

Driver	Colour	3000K	4000K
EL.	○	1T5094EL	1T5096EL
EL.	●	1T5078EL	1T5080EL
DALI	○	1T5094DA	1T5096DA
DALI	●	1T5078DA	1T5080DA

LED / 33W / REFLECTOR / WFL / CRI97



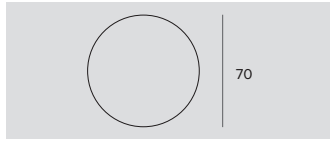
3000K		H(m)	D(m)	Emax(lx)
Ra97			59°	
Fixture Power	36W	1	1.13	3720
Source Flux	3290lm	2	2.26	930
Fixture Flux	2898lm	3	3.39	413
Efficacy	81lm/W	4	4.51	233
TS954	Imax=1142cd/klm	Imax	3756cd	5 5.64 149

Driver	Colour	3000K	4000K
EL.	○	1T5095EL	1T5097EL
EL.	●	1T5079EL	1T5081EL
DALI	○	1T5095DA	1T5097DA
DALI	●	1T5079DA	1T5081DA

STORE

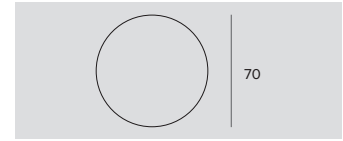
Accessories

Filter



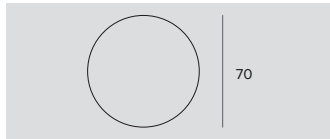
Filter	Ø	Code
Red	70	1T1712
Green	70	1T1713
Blue	70	1T1714
Yellow	70	1T1715
Magenta	70	1T1716

Flat glass interference chromatic filter.
To be completed with an additional holder ring.



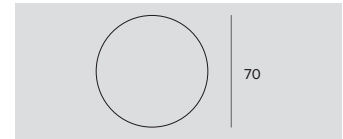
Ø	Code
70	1T1708

Flat ribbed glass parallel light blade 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.



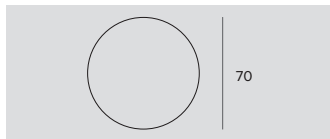
Ø	Code
70	1T1709

Flat glass wired refractive diffusive filter.
This softens the luminous effect.
To be completed with an additional holder ring.



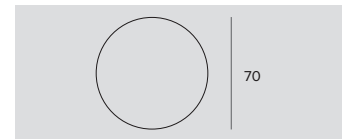
Filter	Ø	Code
Halogen +	70	1T6506
Vivid +	70	1T6507

Art filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	1T6508
Fish	70	1T6509
Bread	70	1T6510
Vegetable	70	1T6511

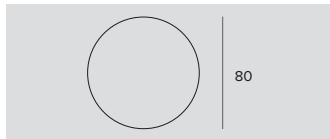
Food filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Beauty	70	1T6512

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.

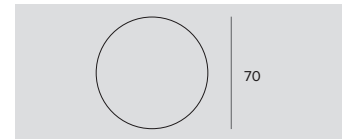
Screen



Ø	Code
80	1T6522

Protective screen.

Grid

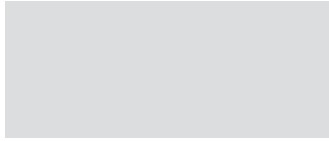


Ø	Code
70	1T1711

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring.

STORE

Zoom



Ø	Code
80	1T3432

Zoom.

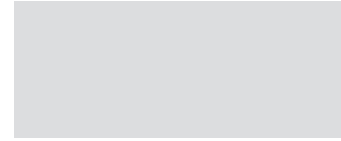
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

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.

Cut-off

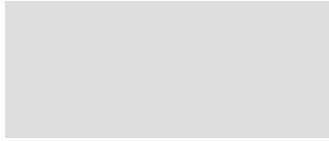


Ø	Code
80	1T3142

Cut-off Tube.

Allows for the beam to be focused while removing the fall-off component.

RAY Shade



Ø	Code
80	1T3143

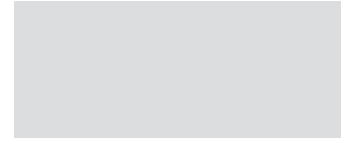
Black painted anodized diffusive aluminium asymmetric screen.

Complete with blade light filter.

Ideal for a Wall Washer effect.

To be combined with spot and flood optics.

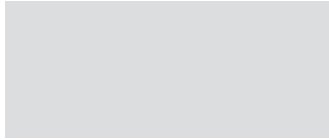
Holder Ring



Code
1T3727

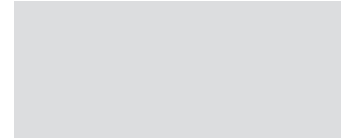
Transparent polycarbonate accessory holder ring.

Adapter



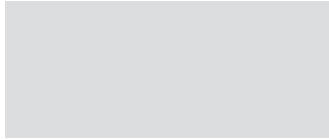
Ø	H	Driver	Colour	Code
100	32	EL.	●	1T2219
100	32	EL.	●	1T2220
100	32	EL.	○	1T2221

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
104	35	DALI	●	9000/BP-D-G
104	35	DALI	○	9000/BP-D-W
104	35	DALI	●	9000/BP-D-B

Ceiling mounting adapter for electrified track type projectors.



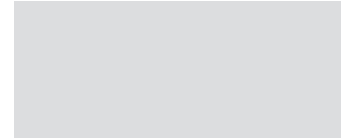
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	●	1T2224
Ø105/125	130	60	EL.	●	1T2222
Ø105/125	130	60	EL.	○	1T2223

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
Ø110/115	130	67	DALI	●	9000/BR-G
Ø110/115	130	67	DALI	○	9000/BR-W
Ø110/115	130	67	DALI	●	9000/BR-B

Recessed mounting adapter for electrified track type projectors.

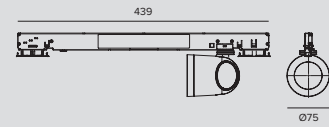
9000/BR-G - To be completed with 9000/BP-D-G.

9000/BR-W - To be completed with 9000/BP-D-W.

9000/BR-B - To be completed with 9000/BP-D-B.



Mini Projector



LED / 11W / LENSE / SP □ 0,4 IP20

	3000K	H(m)	D(m)	Emax(lx)
Ra84			15°	
Fixture Power	15W	1	0.27	16914
Source Flux	1786lm	2	0.53	4229
Fixture Flux	1336lm	3	0.80	1879
Efficacy	90lm/W	4	1.07	1057
TS966	Imax=9470cd/klm	Imax	16914cd	5 1.33 677

Driver	Colour	3000K	4000K
EL.	○	1T5016EL	1T5017EL
EL.	●	1T5010EL	1T5011EL
DALI	○	1T5016DA	1T5017DA
DALI	●	1T5010DA	1T5011DA

LED / 12W / LENSE / FL □ 0,4 IP20

	3000K	H(m)	D(m)	Emax(lx)
Ra84			30°	
Fixture Power	14W	1	0.54	4825
Source Flux	1837lm	2	1.09	1206
Fixture Flux	1315lm	3	1.63	536
Efficacy	97lm/W	4	2.17	302
TS967	Imax=2672cd/klm	Imax	4825cd	5 2.72 193

Driver	Colour	3000K	4000K
EL.	○	1T5018EL	1T5019EL
EL.	●	1T5012EL	1T5013EL
DALI	○	1T5018DA	1T5019DA
DALI	●	1T5012DA	1T5013DA

LED / 12W / REFLECTOR / MWFL □ 0,4 IP20

	3000K	H(m)	D(m)	Emax(lx)
Ra84			48°	
Fixture Power	14W	1	0.90	2476
Source Flux	1837lm	2	1.80	619
Fixture Flux	1520lm	3	2.69	275
Efficacy	113lm/W	4	3.59	155
TS968	Imax=1372cd/klm	Imax	2520cd	5 4.49 99

Driver	Colour	3000K	4000K
EL.	○	1T5020EL	1T5021EL
EL.	●	1T5014EL	1T5015EL
DALI	○	1T5020DA	1T5021DA
DALI	●	1T5014DA	1T5015DA

LED / 18W / LENSE / SP □ 0,4 IP20

	3000K	H(m)	D(m)	Emax(lx)
Ra84			24°	
Fixture Power	20W	1	0.43	8803
Source Flux	2466lm	2	0.87	2201
Fixture Flux	1800lm	3	1.30	978
Efficacy	89lm/W	4	1.73	550
TS969	Imax=3570cd/klm	Imax	8803cd	5 2.17 352

Driver	Colour	3000K	4000K
EL.	○	1T5028EL	1T5029EL
EL.	●	1T5022EL	1T5023EL
DALI	○	1T5028DA	1T5029DA
DALI	●	1T5022DA	1T5023DA

LED / 18W / REFLECTOR / MWFL □ 0,4 IP20

	3000K	H(m)	D(m)	Emax(lx)
Ra84			48°	
Fixture Power	20W	1	0.90	3323
Source Flux	2466lm	2	1.80	831
Fixture Flux	2041lm	3	2.69	369
Efficacy	101lm/W	4	3.59	208
TS970	Imax=1372cd/klm	Imax	3383cd	5 4.49 133

Driver	Colour	3000K	4000K
EL.	○	1T5030EL	1T5031EL
EL.	●	1T5024EL	1T5025EL
DALI	○	1T5030DA	1T5031DA
DALI	●	1T5024DA	1T5025DA

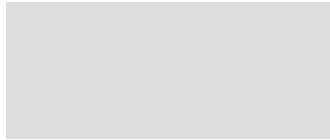
LED / 18W / REFLECTOR / WFL □ 0,4 IP20

	3000K	H(m)	D(m)	Emax(lx)
Ra84			60°	
Fixture Power	20W	1	1.16	2406
Source Flux	2466lm	2	2.32	601
Fixture Flux	1979lm	3	3.47	267
Efficacy	98lm/W	4	4.63	150
TS971	Imax=976cd/klm	Imax	2407cd	5 5.79 96

Driver	Colour	3000K	4000K
EL.	○	1T5032EL	1T5033EL
EL.	●	1T5026EL	1T5027EL
DALI	○	1T5032DA	1T5033DA
DALI	●	1T5026DA	1T5027DA

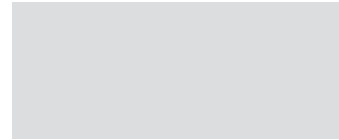
Accessories

Filter



Filter	Ø	Code
Red	50	49881
Green	50	49882
Blue	50	49886
Yellow	50	49887
Magenta	50	49959

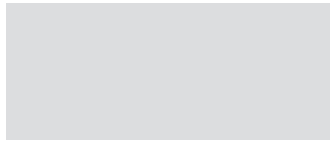
Flat glass interference chromatic filter.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.

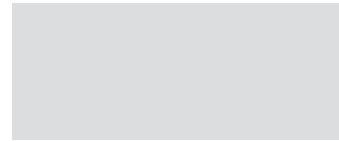
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	50	1T6393

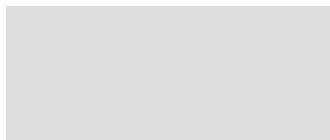
Beauty filter.

Flat glass interference filter to vary the colour temperature of light.



Ø	Code
50	1T4721

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

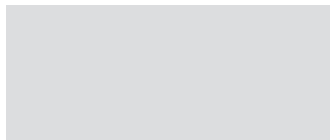


Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.

Flat glass interference filter to vary the colour temperature of light.

Screen



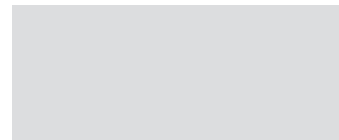
Ø	Code
50	1T4325

Black painted anodized diffusive aluminium asymmetric screen.

Complete with blade light filter.

Ideal for a Wall Washer effect.

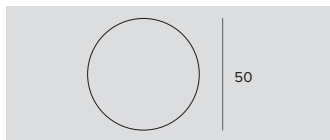
To be combined with spot and flood optics.



Ø	Code
50	1T6521

Protective screen.

Grid



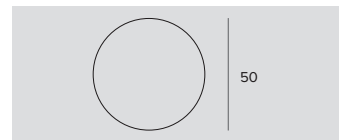
Ø	Code
50	1T4322

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°.



**STIBBERT
MUSEUM**
2017

PHOTOGRAPHER
Alessandro Maurelli

COUNTRY
Florence, Italy

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

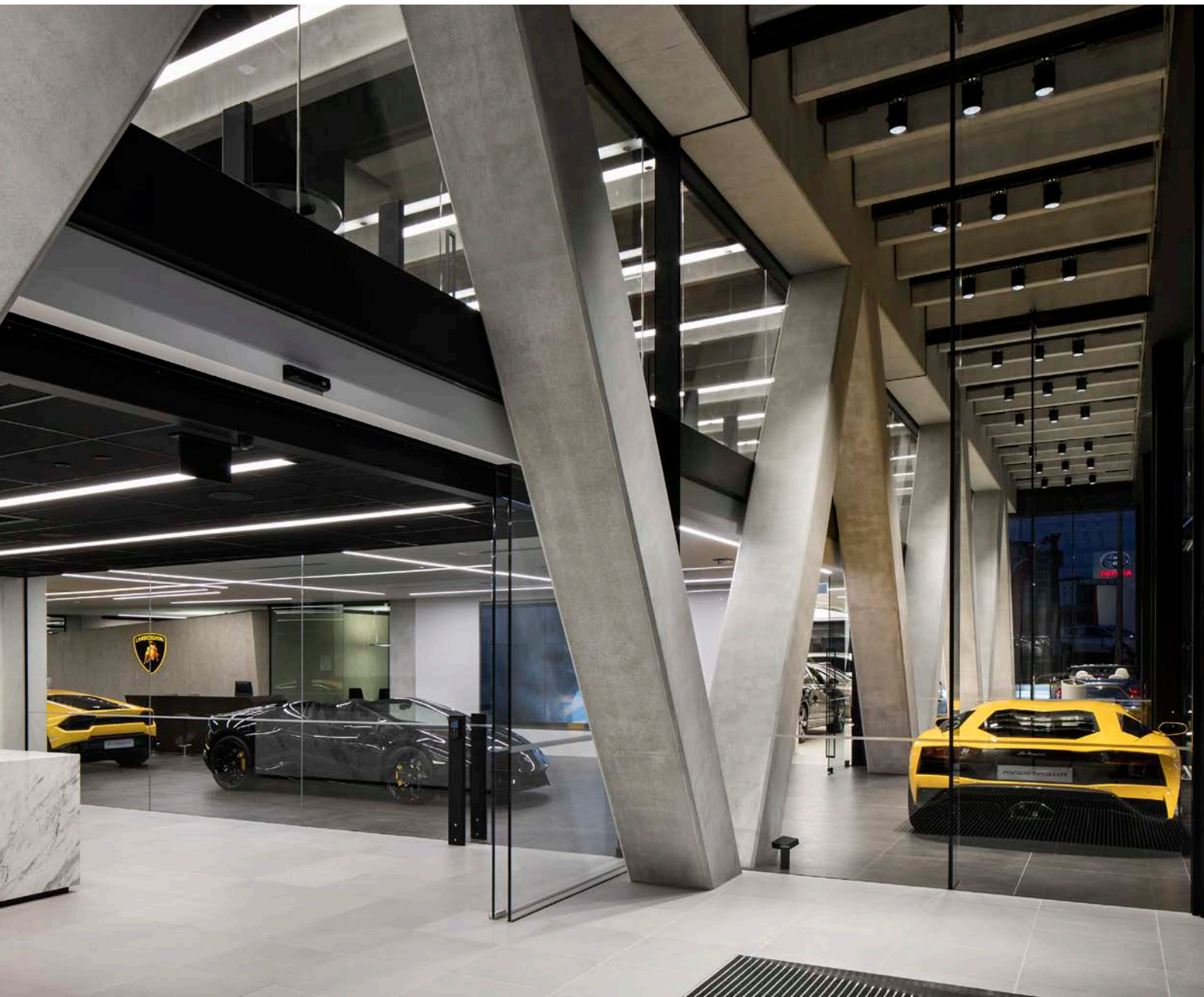
Die-cast aluminium body painted. Front ring made of black ryton.

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.



RAY



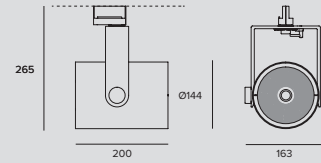
**119 GREAT
NORTH ROAD
2017**

ARCHITECT
Warren & Mahoney (WAM)

PHOTOGRAPHER
Simon Devitt

COUNTRY
Auckland, New Zealand

RAY



LED / 32W / REFLECTOR / SP / CR184



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		12°		
Fixture Power	35W	1	0.21	59854		
Source Flux	4522lm	2	0.41	14963		
Fixture Flux	3861lm	3	0.62	6650		
Efficacy	111lm/W	4	0.82	3741		
TS742	Imax=13236cd/klm	Imax	59854cd	5	1.03	2394

Driver	Colour	3000K	4000K
EL.	○	1T3684	1T5321
EL.	●	1T3685	1T5322
DALI	○	1T3684DA	1T5321DA
DALI	●	1T3685DA	1T5322DA

LED / 32W / REFLECTOR / SP / CR197



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		12°		
Fixture Power	35W	1	0.21	45757		
Source Flux	3457lm	2	0.41	11439		
Fixture Flux	2952lm	3	0.62	5084		
Efficacy	85lm/W	4	0.82	2860		
TS742	Imax=13236cd/klm	Imax	45757cd	5	1.03	1830

Driver	Colour	3000K	4000K
EL.	○	1T4249	1T5329
EL.	●	1T4250	1T5330
DALI	○	1T4249DA	1T5329DA
DALI	●	1T4250DA	1T5330DA

LED / 32W / REFLECTOR / FL / CR184



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		25°		
Fixture Power	35W	1	0.45	15416		
Source Flux	4522lm	2	0.90	3854		
Fixture Flux	3776lm	3	1.35	1713		
Efficacy	109lm/W	4	1.80	964		
TS740	Imax=3409cd/klm	Imax	15416cd	5	2.25	617

Driver	Colour	3000K	4000K
EL.	○	1T3686	1T5323
EL.	●	1T3687	1T5324
DALI	○	1T3686DA	1T5323DA
DALI	●	1T3687DA	1T5324DA

LED / 32W / REFLECTOR / FL / CR197



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		25°		
Fixture Power	35W	1	0.45	11785		
Source Flux	3457lm	2	0.90	2946		
Fixture Flux	2887lm	3	1.35	1309		
Efficacy	83lm/W	4	1.80	737		
TS740	Imax=3409cd/klm	Imax	11785cd	5	2.25	471

Driver	Colour	3000K	4000K
EL.	○	1T4251	1T5331
EL.	●	1T4252	1T5332
DALI	○	1T4251DA	1T5331DA
DALI	●	1T4252DA	1T5332DA

LED / 50W / REFLECTOR / FL / CR184



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		24°		
Fixture Power	54W	1	0.43	24335		
Source Flux	7050lm	2	0.85	6084		
Fixture Flux	5851lm	3	1.28	2704		
Efficacy	109lm/W	4	1.70	1521		
TS741	Imax=3452cd/klm	Imax	24335cd	5	2.13	973

Driver	Colour	3000K	4000K
EL.	○	1T3692	1T5325
EL.	●	1T3693	1T5326
DALI	○	1T3692DA	1T5325DA
DALI	●	1T3693DA	1T5326DA

LED / 50W / FL / CRI97 ⊕ 2.8 IP20

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		24°	
Fixture Power	54W	1	0.43	18729	
Source Flux	5426lm	2	0.85	4682	
Fixture Flux	4503lm	3	1.28	2081	
Efficacy	84lm/W	4	1.70	1171	
TS741	I _{max} =3452cd/klm	I _{max}	18729cd	5	2.13
					749

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4253	1T5333
EL.	●	ENEC 1T4254	1T5334
DALI	○	1T4253DA	1T5333DA
DALI	●	1T4254DA	1T5334DA

LED / 50W / REFLECTOR / WFL / CRI84 ⊕ 2.8 IP20

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		53°	
Fixture Power	54W	1	0.99	9030	
Source Flux	7050lm	2	1.97	2257	
Fixture Flux	5781lm	3	2.96	1003	
Efficacy	108lm/W	4	3.95	564	
TS743	I _{max} =1284cd/klm	I _{max}	9049cd	5	4.93
					361

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T3694	1T5327
EL.	●	ENEC 1T3695	1T5328
DALI	○	1T3694DA	1T5327DA
DALI	●	1T3695DA	1T5328DA

LED / 50W / REFLECTOR / WFL / CRI97 ⊕ 2.8 IP20

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		53°	
Fixture Power	54W	1	0.99	6950	
Source Flux	5426lm	2	1.97	1737	
Fixture Flux	4449lm	3	2.96	772	
Efficacy	83lm/W	4	3.95	434	
TS743	I _{max} =1284cd/klm	I _{max}	6965cd	5	4.93
					278

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4255	1T5335
EL.	●	ENEC 1T4256	1T5336
DALI	○	1T4255DA	1T5335DA
DALI	●	1T4256DA	1T5336DA

Accessories

Screen



Code

1T6523

Protective screen.

Grid




Code

1T6918

Anti-glare louver.
Black painted metal honeycomb structure.

RAY Shade



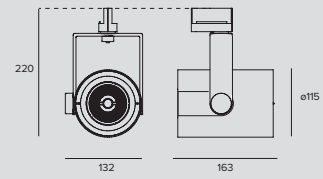
Code

1T3696

Adjustable barn doors flaps.



Mini



LED / 30W / REFLECTOR / SP / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		14°		
Fixture Power		32W	1	0.24	33623	
Source Flux		4141lm	2	0.48	8406	
Fixture Flux		3520lm	3	0.72	3736	
Efficacy		111lm/W	4	0.96	2101	
TS832	Imax=8119cd/klm	Imax	33623cd	5	1.20	1345

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4201	1T5340
EL.	●	ENEC 1T4197	1T5337
DALI	○	1T4201DA	1T5340DA
DALI	●	1T4197DA	1T5337DA

LED / 30W / REFLECTOR / SP / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		14°		
Fixture Power		32W	1	0.24	25276	
Source Flux		3113lm	2	0.48	6319	
Fixture Flux		2646lm	3	0.72	2808	
Efficacy		83lm/W	4	0.96	1580	
TS832	Imax=8119cd/klm	Imax	25276cd	5	1.20	1011

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4260	1T5346
EL.	●	ENEC 1T4257	1T5343
DALI	○	1T4260DA	1T5346DA
DALI	●	1T4257DA	1T5343DA

LED / 30W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		25°		
Fixture Power		32W	1	0.44	14085	
Source Flux		4141lm	2	0.88	3521	
Fixture Flux		3505lm	3	1.32	1565	
Efficacy		110lm/W	4	1.76	880	
TS833	Imax=3401cd/klm	Imax	14085cd	5	2.20	563

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4202	1T5341
EL.	●	ENEC 1T4198	1T5338
DALI	○	1T4202DA	1T5341DA
DALI	●	1T4198DA	1T5338DA

LED / 30W / REFLECTOR / FL / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		25°		
Fixture Power		32W	1	0.44	10588	
Source Flux		3113lm	2	0.88	2647	
Fixture Flux		2635lm	3	1.32	1176	
Efficacy		83lm/W	4	1.76	662	
TS833	Imax=3401cd/klm	Imax	10588cd	5	2.20	424

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4261	1T5347
EL.	●	ENEC 1T4258	1T5344
DALI	○	1T4261DA	1T5347DA
DALI	●	1T4258DA	1T5344DA

LED / 30W / REFLECTOR / MWFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		45°		
Fixture Power		32W	1	0.84	6295	
Source Flux		4141lm	2	1.67	1574	
Fixture Flux		3599lm	3	2.51	699	
Efficacy		113lm/W	4	3.35	393	
TS834	Imax=1528cd/klm	Imax	6327cd	5	4.18	252

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4203	1T5342
EL.	●	ENEC 1T4199	1T5339
DALI	○	1T4203DA	1T5342DA
DALI	●	1T4199DA	1T5339DA

LED / 30W / REFLECTOR / MWFL / CRI97

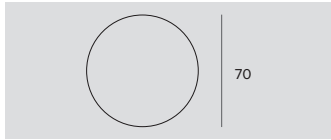


		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		45°		
Fixture Power		32W	1	0.84	4733	
Source Flux		3113lm	2	1.67	1183	
Fixture Flux		2705lm	3	2.51	526	
Efficacy		85lm/W	4	3.35	296	
TS834	Imax=1528cd/klm	Imax	4757cd	5	4.18	189

Driver	Colour	3000K	4000K
EL.	○	ENEC 1T4262	1T5348
EL.	●	ENEC 1T4259	1T5345
DALI	○	1T4262DA	1T5348DA
DALI	●	1T4259DA	1T5345DA

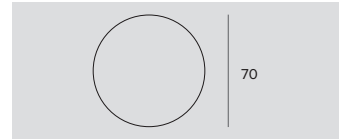
Accessories

Filter



Filter	Ø	Code
Red	70	1T1712
Green	70	1T1713
Blue	70	1T1714
Yellow	70	1T1715
Magenta	70	1T1716

Flat glass interference chromatic filter.
To be completed with an additional holder ring.



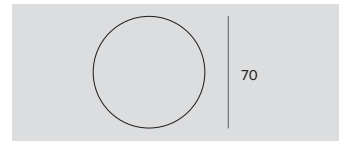
Ø	Code
70	1T1708

Flat ribbed glass parallel light blade 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.



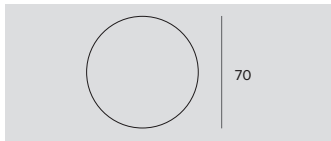
Ø	Code
70	1T1709

Flat glass wired refractive diffusive filter.
This softens the luminous effect.
To be completed with an additional holder ring.



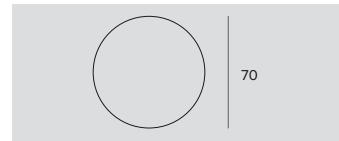
Filter	Ø	Code
Halogen +	70	1T6506
Vivid +	70	1T6507

Art filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Meat	70	1T6508
Fish	70	1T6509
Bread	70	1T6510
Vegetable	70	1T6511

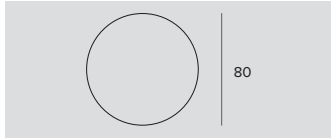
Food filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.



Filter	Ø	Code
Beauty	70	1T6512

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.
To be completed with an additional holder ring.

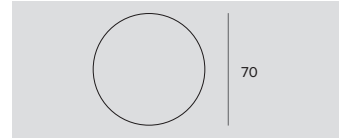
Screen



Ø	Code
80	1T6522

Protective screen.

Grid

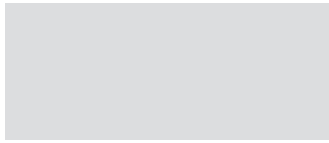


Ø	Code
70	1T1711

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring.

RAY

Zoom



Ø	Code
80	1T3432

Zoom.

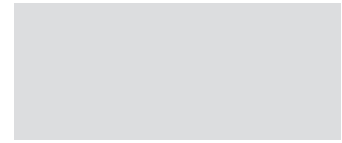
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

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.

Cut-off

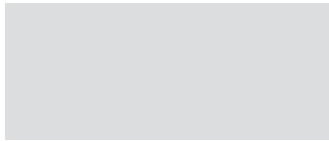


Ø	Code
80	1T3142

Cut-off Tube.

Allows for the beam to be focused while removing the fall-off component.

RAY Shade



Ø	Code
80	1T3143

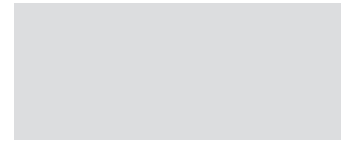
Black painted anodized diffusive aluminium asymmetric screen.

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.

Adapter



Ø	H	Driver	Colour	Code
100	32	EL.	●	1T2219
100	32	EL.	●	1T2220
100	32	EL.	○	1T2221

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
104	35	DALI	●	9000/BP-D-G
104	35	DALI	○	9000/BP-D-W
104	35	DALI	●	9000/BP-D-B

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø110/115	130	67	DALI	●	9000/BR-G
Ø110/115	130	67	DALI	○	9000/BR-W
Ø110/115	130	67	DALI	●	9000/BR-B

Recessed mounting adapter for electrified track type projectors.

9000/BR-G - To be completed with 9000/BP-D-G.

9000/BR-W - To be completed with 9000/BP-D-W.

9000/BR-B - To be completed with 9000/BP-D-B.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	●	1T2222
Ø105/125	130	60	EL.	○	1T2223
Ø105/125	130	60	EL.	●	1T2224

Recessed mounting adapter for electrified track type projectors.

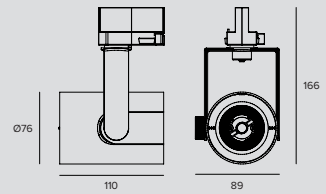
1T2222 - To be completed with 1T2220.

1T2223 - To be completed with 1T2221.

1T2224 - To be completed with 1T2219.



Micro



LED / 12W / REFLECTOR / SP ⊕ 0.6 IP20

	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			17°			
Fixture Power	13W	1	0.30	9777		
Source Flux	1949lm	2	0.59	2444		
Fixture Flux	1501lm	3	0.89	1086		
Efficacy	113lm/W	4	1.19	611		
TS989	I _{max} =5017cd/klm	I _{max}	9777cd	5	1.48	391

Driver	Colour	3000K	4000K
EL.	○	1T6317	1T6319
EL.	●	1T6318	1T6320

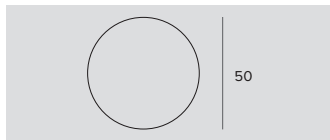
LED / 12W / REFLECTOR / MWFL ⊕ 0.6 IP20

	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			48°			
Fixture Power	13W	1	0.90	2626		
Source Flux	1949lm	2	1.80	657		
Fixture Flux	1613lm	3	2.69	292		
Efficacy	121lm/W	4	3.59	164		
TS990	I _{max} =1372cd/klm	I _{max}	2673cd	5	4.49	105

Driver	Colour	3000K	4000K
EL.	○	1T6321	1T6323
EL.	●	1T6322	1T6324

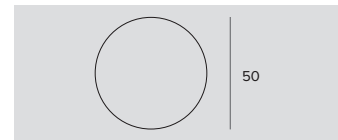
Accessories

Filter



Filter	Ø	Code
Red	50	49881
Green	50	49882
Blue	50	49886
Yellow	50	49887
Magenta	50	49959

Flat glass interference chromatic filter.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.

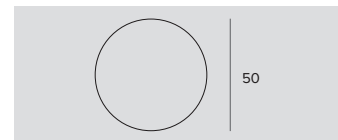
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.

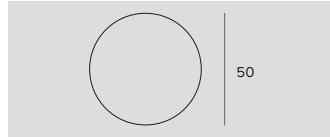
Flat glass interference filter to vary the colour temperature of light.



Ø	Code
50	1T4721

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

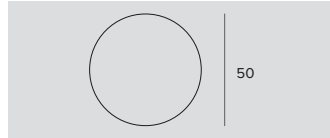
RAY



Filter	Ø	Code
Beauty	50	1T6393

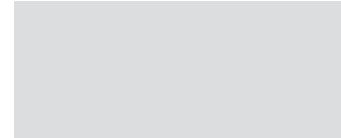
Beauty filter.
Flat glass interference filter to vary the colour temperature of light.

Screen



Ø	Code
50	1T6521

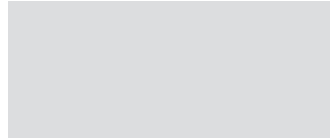
Protective screen.



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.

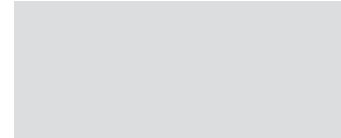
Grid



Ø	Code
50	1T4322

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

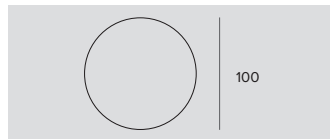
Zoom



Ø	Code
50	1T4324

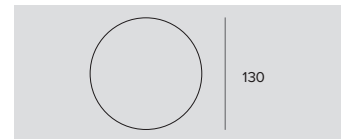
Zoom.
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.
To be used after removing the existing optic.
It can not be used with a narrow spot optic.
It makes it possible to obtain a variable beam from 15° to 60°.

Adapter



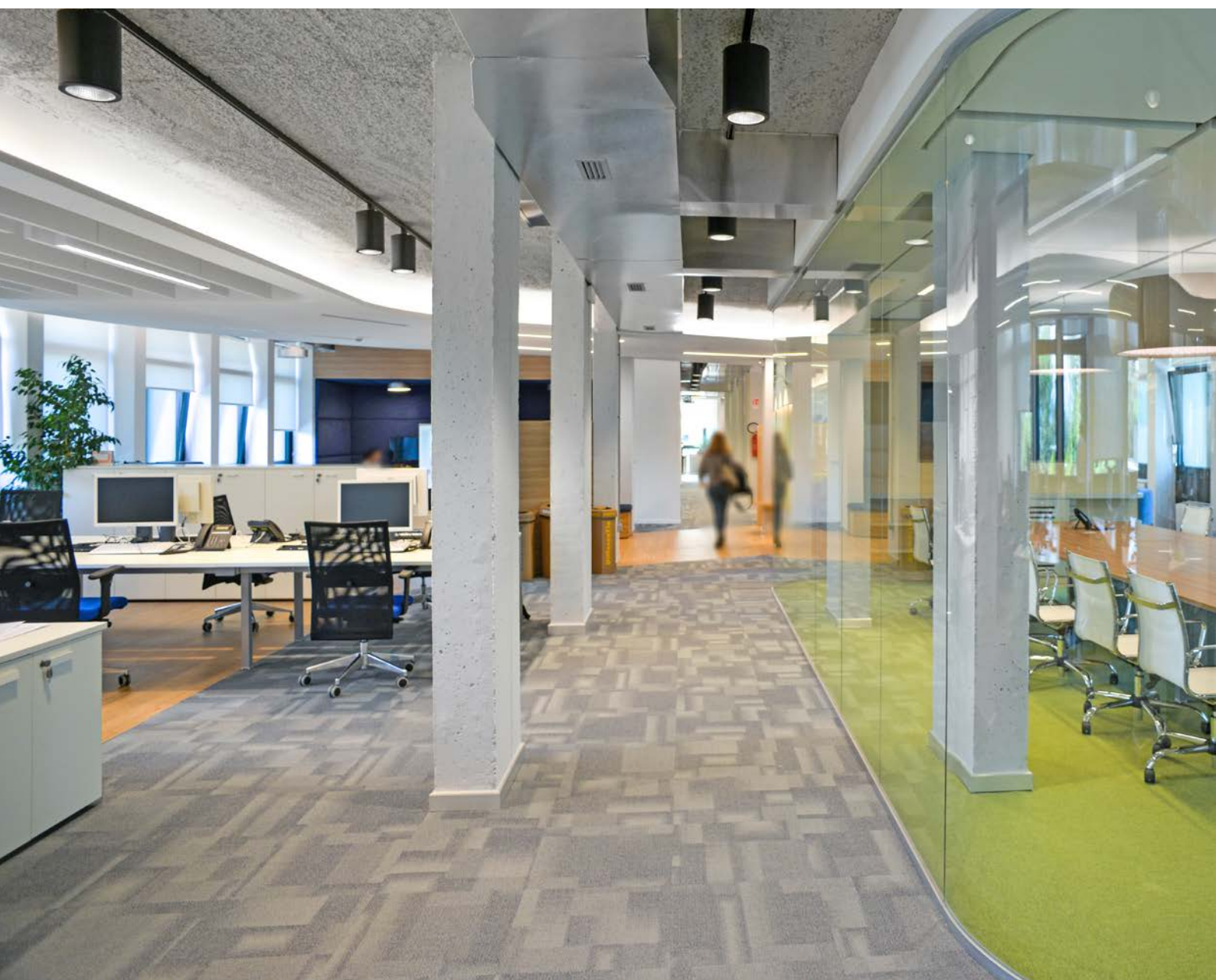
Ø	H	Driver	Colour	Code
100	32	EL.	●	1T2219
100	32	EL.	●	1T2220
100	32	EL.	○	1T2221

Ceiling mounting adapter for electrified track type projectors.



Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	●	1T2222
Ø105/125	130	60	EL.	○	1T2223
Ø105/125	130	60	EL.	●	1T2224

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.



**DAICHI
SANKYO**
2017

ARCHITECT

Studio Unispace, arch. Salvatore Marinaro

PHOTOGRAPHER

Ramy Leon Lorenzo

COUNTRY

Rome - Italy

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 2125lm

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.





LEGO HOUSE 2017

ARCHITECT
Bjarke Ingels Group

LIGHTING DESIGN
Jesper Kongshaug

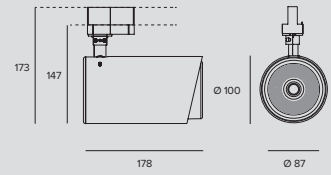
PHOTOGRAPHER
Gary Britton

COUNTRY
Billund - Denmark

LEDÒ



L. 178mm



LED / 25W / HYBRID / SP / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		13°		
Fixture Power	27W	1	0.23	23221		
Source Flux	2524lm	2	0.46	5805		
Fixture Flux	1637lm	3	0.69	2580		
Efficacy	61lm/W	4	0.92	1451		
TS928	Imax=9200cd/klm	Imax	23221cd	5	1.14	929

Driver	Colour	3000K	4000K
EL.	○	1T4882	1T4883
EL.	●	1T4886	1T4887
EL.	●	1T4878	1T4879
DIMM ON BOARD	●	1T4890	
DIMM ON BOARD	○	1T4892	
DIMM ON BOARD	●	1T4894	
DALI	●	1T4896	
DALI	○	1T4898	
DALI	●	1T4900	

LED / 25W / HYBRID / FL / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		33°		
Fixture Power	27W	1	0.58	5627		
Source Flux	2524lm	2	1.17	1407		
Fixture Flux	1541lm	3	1.75	625		
Efficacy	57lm/W	4	2.33	352		
TS929	Imax=2230cd/klm	Imax	5627cd	5	2.92	225

Driver	Colour	3000K	4000K
EL.	○	1T4884	1T4885
EL.	●	1T4888	1T4889
EL.	●	1T4880	1T4881
DIMM ON BOARD	●	1T4891	
DIMM ON BOARD	○	1T4893	
DIMM ON BOARD	●	1T4895	
DALI	●	1T4897	
DALI	○	1T4899	
DALI	●	1T4901	

LED / 25W / REFLECTOR / MWFL / CRI97



		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		45°		
Fixture Power	27W	1	0.82	4412		
Source Flux	2714lm	2	1.64	1103		
Fixture Flux	2358lm	3	2.46	490		
Efficacy	87lm/W	4	3.28	276		
TS930	Imax=1655cd/klm	Imax	4491cd	5	4.10	176

Driver	Colour	3000K	4000K
EL.	○	1T3491	1T3492
EL.	●	1T3499	1T3500
EL.	●	1T3483	1T3484
DIMM ON BOARD	●	1T4369	
DIMM ON BOARD	○	1T4373	
DIMM ON BOARD	●	1T4377	
DALI	●	1T4381	
DALI	○	1T4385	
DALI	●	1T4389	

LED / 25W / REFLECTOR / WFL / CRI97

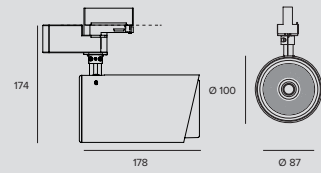


		3000K	H(m)	D(m)	Emax(lx)	
		Ra97		59°		
Fixture Power	27W	1	1.13	3071		
Source Flux	2714lm	2	2.26	768		
Fixture Flux	2392lm	3	3.39	341		
Efficacy	89lm/W	4	4.51	192		
TS931	Imax=1142cd/klm	Imax	3100cd	5	5.64	123

Driver	Colour	3000K	4000K
EL.	○	1T3493	1T3494
EL.	●	1T3501	1T3502
EL.	●	1T3485	1T3486
DIMM ON BOARD	●	1T4370	
DIMM ON BOARD	○	1T4374	
DIMM ON BOARD	●	1T4378	
DALI	●	1T4382	
DALI	○	1T4386	
DALI	●	1T4390	



L. 178mm Casambi



LED / 25W / HYBRID / SP / CRI97						
		3000K	H(m)	D(m)	Emax(lx)	
Ra97				13°		
Fixture Power	27W	1	0.23	23221		
Source Flux	2524lm	2	0.46	5805		
Fixture Flux	1637lm	3	0.69	2580		
Efficacy	61lm/W	4	0.92	1451		
TS928	Imax=9200cd/klm	Imax	23221cd	5	1.14	929

Driver	Colour	3000K	4000K
CASAMBI		1T4896CA	
CASAMBI		1T4898CA	
CASAMBI		1T4900CA	

LED / 25W / HYBRID / FL / CRI97						
		3000K	H(m)	D(m)	Emax(lx)	
Ra97				33°		
Fixture Power	27W	1	0.58	5627		
Source Flux	2524lm	2	1.17	1407		
Fixture Flux	1541lm	3	1.75	625		
Efficacy	57lm/W	4	2.33	352		
TS929	Imax=2230cd/klm	Imax	5627cd	5	2.92	225

Driver	Colour	3000K	4000K
CASAMBI		1T4897CA	
CASAMBI		1T4899CA	
CASAMBI		1T4901CA	

LED / 25W / REFLECTOR / MWFL / CRI97						
		3000K	H(m)	D(m)	Emax(lx)	
Ra97				45°		
Fixture Power	27W	1	0.82	4412		
Source Flux	2714lm	2	1.64	1103		
Fixture Flux	2358lm	3	2.46	490		
Efficacy	87lm/W	4	3.28	276		
TS930	Imax=1655cd/klm	Imax	4491cd	5	4.10	176

Driver	Colour	3000K	4000K
CASAMBI		1T4381CA	
CASAMBI		1T4385CA	
CASAMBI		1T4389CA	

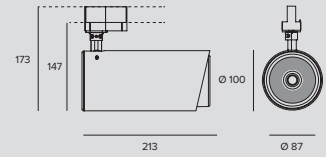
LED / 25W / REFLECTOR / WFL / CRI97						
		3000K	H(m)	D(m)	Emax(lx)	
Ra97				59°		
Fixture Power	27W	1	1.13	3071		
Source Flux	2714lm	2	2.26	768		
Fixture Flux	2392lm	3	3.39	341		
Efficacy	89lm/W	4	4.51	192		
TS931	Imax=1142cd/klm	Imax	3100cd	5	5.64	123

Driver	Colour	3000K	4000K
CASAMBI		1T4382CA	
CASAMBI		1T4386CA	
CASAMBI		1T4390CA	

LEDÒ



**L. 213mm
DBS**



LED / 25W / DBS / CRI97 ⊕ 12 IP20

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		16°	
Fixture Power	27W	1	0.28	11780	
Source Flux	2524lm	2	0.56	2945	
Fixture Flux	1206lm	3	0.84	1309	
Efficacy	45lm/W	4	1.12	736	
TS1114	I _{max} =4667cd/klm	I _{max}	5	1.40	471

Driver	Colour	3000K	4000K
CASAMBI	○	1T6955CA	1T6959CA
CASAMBI	●	1T6956CA	1T6960CA
CASAMBI	●	1T6957CA	1T6961CA
CASAMBI	●	1T6958CA	1T6962CA

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		25°	
Fixture Power	27W	1	0.45	4530	
Source Flux	2524lm	2	0.89	1132	
Fixture Flux	1166lm	3	1.34	503	
Efficacy	43lm/W	4	1.79	283	
TS1115	I _{max} =1795cd/klm	I _{max}	5	2.24	181

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		42°	
Fixture Power	27W	1	0.78	1566	
Source Flux	2524lm	2	1.55	392	
Fixture Flux	1075lm	3	2.33	174	
Efficacy	40lm/W	4	3.11	98	
TS1117	I _{max} =620cd/klm	I _{max}	5	3.88	63

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		34°	
Fixture Power	27W	1	0.61	2485	
Source Flux	2524lm	2	1.23	621	
Fixture Flux	1133lm	3	1.84	276	
Efficacy	42lm/W	4	2.45	155	
TS1116	I _{max} =984cd/klm	I _{max}	5	3.07	99

LED / 31W / DBS / CRI97 ⊕ 12 IP20

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		16°	
Fixture Power	34W	1	0.28	14361	
Source Flux	3077lm	2	0.56	3590	
Fixture Flux	1471lm	3	0.84	1596	
Efficacy	43lm/W	4	1.12	898	
TS1114	I _{max} =4667cd/klm	I _{max}	5	1.40	574

Driver	Colour	3000K	4000K
CASAMBI	○	1T6963CA	1T6967CA
CASAMBI	●	1T6964CA	1T6968CA
CASAMBI	●	1T6965CA	1T6969CA
CASAMBI	●	1T6966CA	1T6970CA

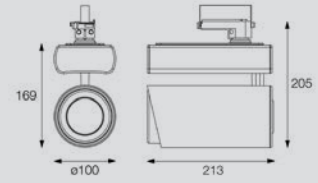
		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		25°	
Fixture Power	34W	1	0.45	5522	
Source Flux	3077lm	2	0.89	1381	
Fixture Flux	1422lm	3	1.34	614	
Efficacy	41lm/W	4	1.79	345	
TS1115	I _{max} =1795cd/klm	I _{max}	5	2.24	221

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		42°	
Fixture Power	34W	1	0.78	1909	
Source Flux	3077lm	2	1.55	477	
Fixture Flux	1311lm	3	2.33	212	
Efficacy	38lm/W	4	3.11	119	
TS1117	I _{max} =620cd/klm	I _{max}	5	3.88	76

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		34°	
Fixture Power	34W	1	0.61	3029	
Source Flux	3077lm	2	1.23	757	
Fixture Flux	1382lm	3	1.84	337	
Efficacy	40lm/W	4	2.45	189	
TS1116	I _{max} =984cd/klm	I _{max}	5	3.07	121



Tunable



LED / 25W / SP ± 1.8 IP20

	5000K	H(m)	D(m)	Emax(lx)		
	Ra90		14°			
	Fixture Power	29W	1	0.24	17965	
	Source Flux	2290lm	2	0.48	4491	
	Fixture Flux	1947lm	3	0.72	1996	
	Efficacy	67lm/W	4	0.96	1123	
TS1022	Imax=7845cd/klm	Imax	17965cd	5	1.20	719

Driver	Colour	CTC
CASAMBI		1T4439CA
CASAMBI		1T4443CA
CASAMBI		1T4447CA

LED / 25W / FL ± 1.8 IP20

	5000K	H(m)	D(m)	Emax(lx)		
	Ra90		27°			
	Fixture Power	29W	1	0.49	7070	
	Source Flux	2290lm	2	0.97	1768	
	Fixture Flux	1940lm	3	1.46	786	
	Efficacy	67lm/W	4	1.95	442	
TS1023	Imax=3087cd/klm	Imax	7070cd	5	2.43	283

Driver	Colour	CTC
CASAMBI		1T4440CA
CASAMBI		1T4444CA
CASAMBI		1T4448CA

LED / 25W / MWFL ± 1.8 IP20

	5000K	H(m)	D(m)	Emax(lx)		
	Ra90		45°			
	Fixture Power	29W	1	0.82	3722	
	Source Flux	2290lm	2	1.64	931	
	Fixture Flux	1990lm	3	2.46	414	
	Efficacy	69lm/W	4	3.28	233	
TS1024	Imax=1655cd/klm	Imax	3789cd	5	4.10	149

Driver	Colour	CTC
CASAMBI		1T4441CA
CASAMBI		1T4445CA
CASAMBI		1T4449CA

LED / 25W / WFL ± 1.8 IP20

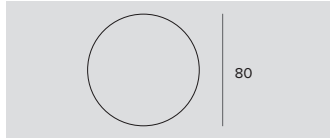
	5000K	H(m)	D(m)	Emax(lx)		
	Ra90		59°			
	Fixture Power	29W	1	1.13	2590	
	Source Flux	2290lm	2	2.26	647	
	Fixture Flux	2018lm	3	3.39	288	
	Efficacy	70lm/W	4	4.51	162	
TS1025	Imax=1142cd/klm	Imax	2614cd	5	5.64	104

Driver	Colour	CTC
CASAMBI		1T4442CA
CASAMBI		1T4446CA
CASAMBI		1T4450CA

LEDÒ

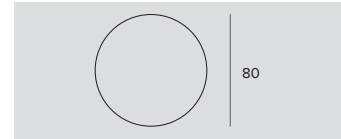
Accessories

Filter



Filter	Ø	Code
Red	80	1T3424
Green	80	1T3425
Blue	80	1T3426
Yellow	80	1T3427
Magenta	80	1T3428

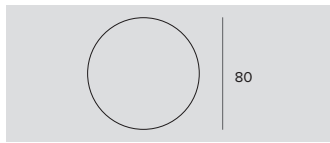
Flat glass interference chromatic filter.



Filter	Ø	Code
Meat	80	1T6386
Fish	80	1T6388
Bread	80	1T6390
Vegetable	80	1T6392

Food filter.

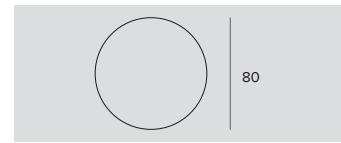
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Halogen +	80	1T6382
Vivid +	80	1T6384

Art filter.

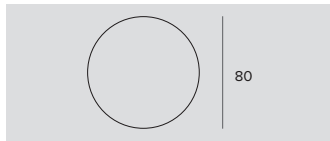
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	80	1T6394

Beauty filter.

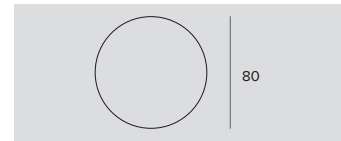
Flat glass interference filter to vary the colour temperature of light.



Ø	Code
80	1T3141

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.

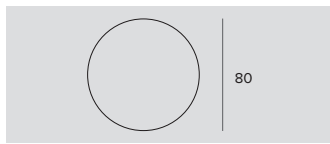


Ø	Code
80	1T3140

Flat glass micro prismatic refractive diffusive filter.

This softens the luminous effect.

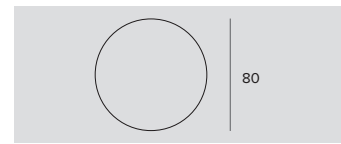
Screen



Ø	Code
80	1T6522

Protective screen.

Grid


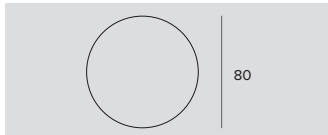


Ø	Code
80	1T3423

Anti-glare louver.

Black painted metal honeycomb structure.


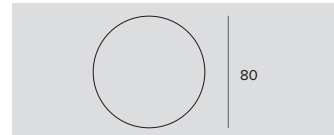
Zoom

Ø	Code
80	1T3432

Zoom. No DBS.
 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.


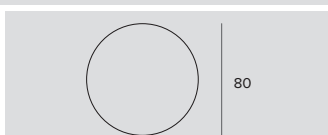
Cut-off

Ø	Code
80	1T3142

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



RAY Shade



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.

Adapter



Ø	H	Driver	Colour	Code
100	32	EL.	●	1T2219
100	32	EL.	●	1T2220
100	32	EL.	○	1T2221

Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	●	1T2222
Ø105/125	130	60	EL.	○	1T2223
Ø105/125	130	60	EL.	●	1T2224


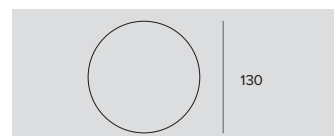
Ceiling mounting adapter for electrified track type projectors.

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.

Ø	H	Driver	Colour	Code
104	35	DALI	●	9000/BP-D-G
104	35	DALI	○	9000/BP-D-W
104	35	DALI	●	9000/BP-D-B

Ceiling mounting adapter for electrified track type projectors.
 No Casambi versions.

Cutout hole	Ø	H	Driver	Colour	Code
Ø110/115	130	67	DALI	●	9000/BR-G
Ø110/115	130	67	DALI	○	9000/BR-W
Ø110/115	130	67	DALI	●	9000/BR-B

Recessed mounting adapter for electrified track type projectors. No Casambi versions.
9000/BR-G - To be completed with 9000/BP-D-G.
9000/BR-W - To be completed with 9000/BP-D-W.
9000/BR-B - To be completed with 9000/BP-D-B.

EUROSTANDARD PLUS

GENERAL INFO

Eurostandard Plus 230V track.
L. 1000mm – 2000mm – 3000mm

POWER SUPPLY

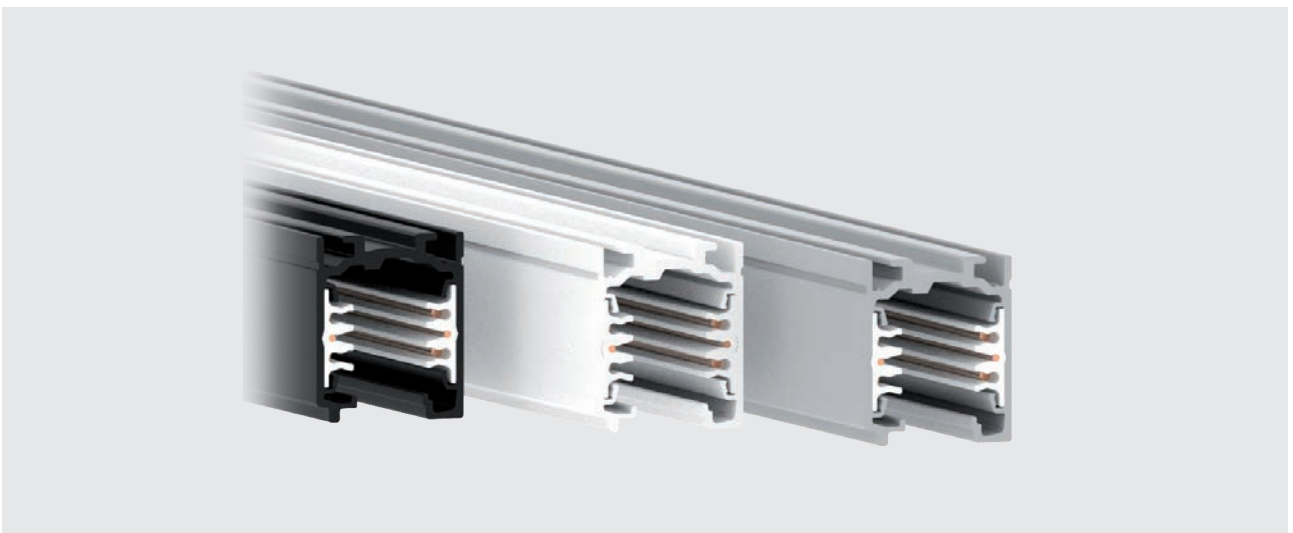
Electronic – DALI

MATERIAL

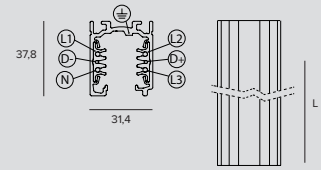
Electrified track in three lengths in extruded anodized aluminum or in extruded painted aluminium. Conductors in copper insulated in PVC.

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 system for ceiling and suspension installations with joints of various sizes and configurations to obtain infinite compositions.

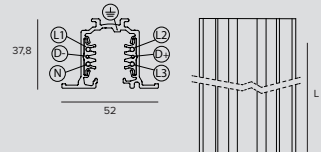
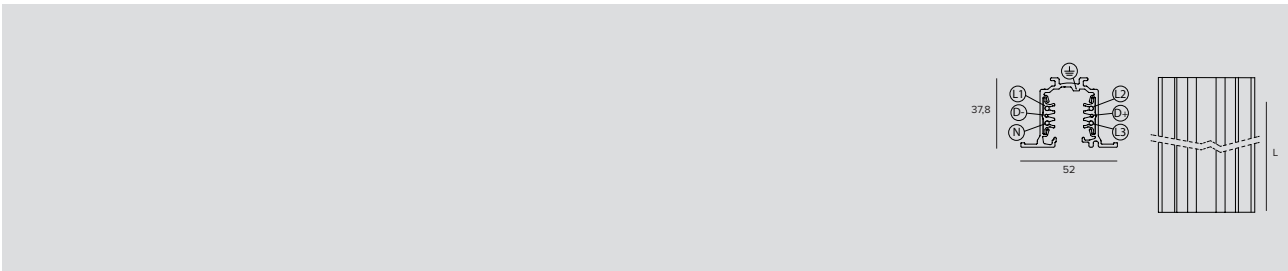


EUROSTANDARD PLUS



STANDARD BIEC

Colour	1000mm/1,1Kg	2000mm/2,1Kg	3000mm/3,1Kg
○	9000-1/W-ST	9000-2/W-ST	9000-3/W-ST
●	9000-1/B-ST	9000-2/B-ST	9000-3/B-ST
●	9000-1/G-ST	9000-2/G-ST	9000-3/G-ST

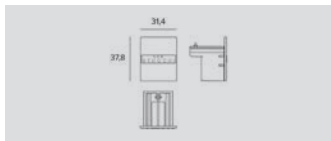


RECESSED BIEC

Colour	1000mm/1,1Kg	2000mm/2,2Kg	3000mm/3,4Kg
○	9000-1/W-R	9000-2/W-R	9000-3/W-R
●	9000-1/B-R	9000-2/B-R	9000-3/B-R
●	9000-1/G-R	9000-2/G-R	9000-3/G-R

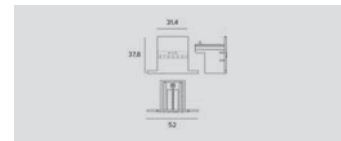
Related codes

End Caps



Colour	Code
○	9004/W
●	9004/B
●	9004/G

Dead end.



Colour	Code
○	9004-R/W
●	9004-R/B
●	9004-R/G

Dead end - recessed.

Mounting System



Code
S-9000KIT

Suspension kit. 2000mm

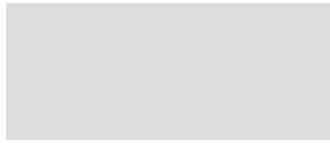


Code
S-9000/111

Ceiling mounting bracket.
Galvanized steel.

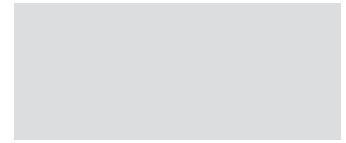
EUROSTANDARD PLUS

Power Supply



Colour	Code
	9001/W
	9001/B
	9001/G

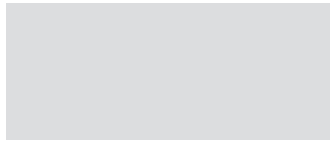
Lateral power supply.
Polarity on the right.



Colour	Code
	9002/W
	9002/B
	9002/G

Lateral power supply.
Polarity on the left.

Cover Panel

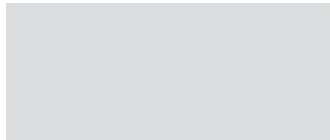


Colour	Code
	S-9001-R/G-W
	S-9001-R/G-B
	S-9001-R/G-G

False ceiling cover for lateral power supply.
Polycarbonate body.
For: 9001/...; 9002/...

Accessories

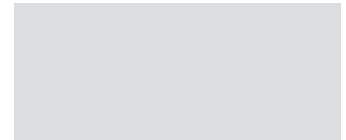
End Caps



Colour	Code
	S-9001/115-W
	S-9001/115-B

Seal for lateral power supply.
PVC.
For: 9001/...; 9002/...

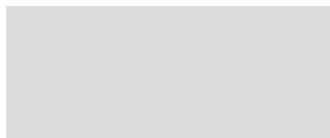
Tool



Code
S-9000/T

Tool for shearing conductors, to be used if necessary to cut the track during installation.

Bracket



Colour	Code
	S-9000/123

Rigid support bracket.

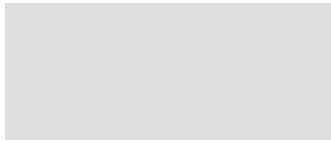


Driver	Colour	Code
EL.		1T7007
EL.		1T7005
EL.		1T7009
DALI		1T7006
DALI		1T7004
DALI		1T7008

Straight coupler for stability. For projectors with Eurostandard Plus joints.

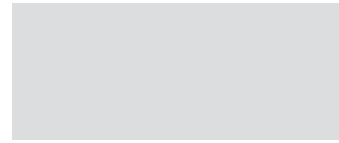
EUROSTANDARD PLUS

Connector



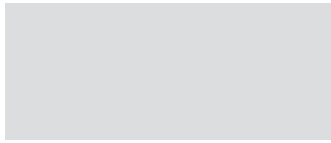
Colour	Code
○	9018/W
●	9018/B
●	9018/G

Flexible joint.



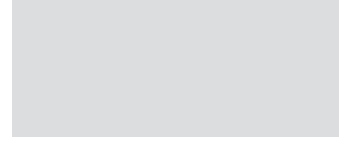
Colour	Code
○	9003/W
●	9003/B
●	9003/G

Linear joint.



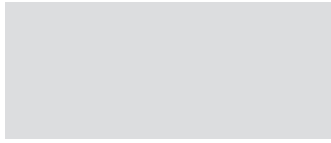
Colour	Code
○	9012/W
●	9012/B
●	9012/G

L joint.
External polarity.



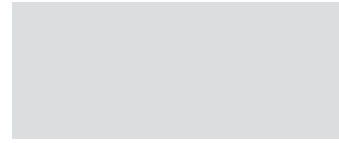
Colour	Code
○	9011/W
●	9011/B
●	9011/G

L joint.
Internal polarity.



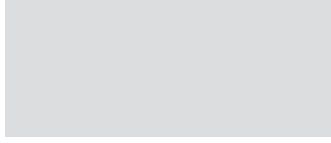
Colour	Code
○	9014/W
●	9014/B
●	9014/G

T joint.
External polarity and on the right.



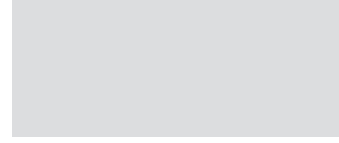
Colour	Code
○	9013/W
●	9013/B
●	9013/G

T joint.
External polarity and on the left.



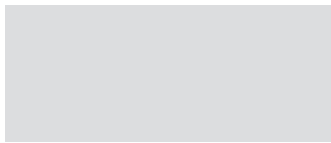
Colour	Code
○	9016/W
●	9016/B
●	9016/G

T joint.
Internal polarity and on the right.



Colour	Code
○	9015/W
●	9015/B
●	9015/G

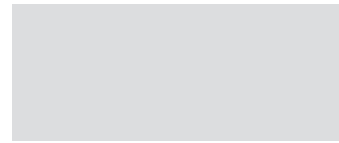
T joint.
Internal polarity and on the left.



Colour	Code
○	9017/W
●	9017/B
●	9017/G

X joint.

Power Supply

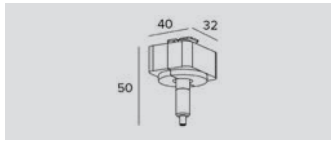


Colour	Code
○	9010/W
●	9010/B
●	9010/G

Central power supply.

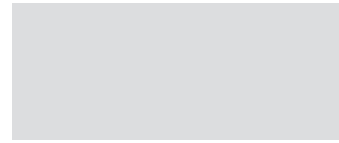
EUROSTANDARD PLUS

Adapter



Colour	Code
	S-9000/M-W-KIT
	S-9000/M-B-KIT
	S-9000/M-G-KIT

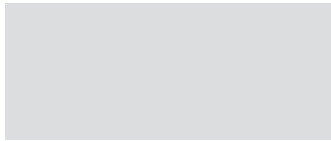
Adapter for suspension installation.



Colour	Code
	9009/W
	9009/B
	9009/G

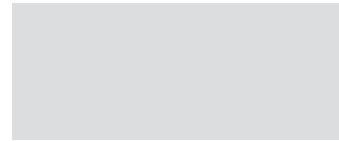
Adapter for power supply.
Allows for power supply from a Eurostandard Plus track.

Cover Panel



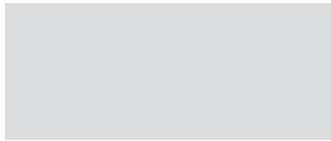
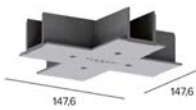
Colour	Code
	S-9011-R/G-W
	S-9011-R/G-B
	S-9011-R/G-G

False ceiling cover for L connector.
Polycarbonate body.
For: 9011/...; 9012/...



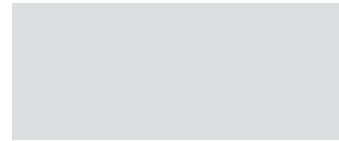
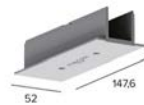
Colour	Code
	S-9013-R/G-W
	S-9013-R/G-B
	S-9013-R/G-G

False ceiling cover for T connector.
Polycarbonate body.
For: 9013/...; 9014/...; 9015/...; 9016/...



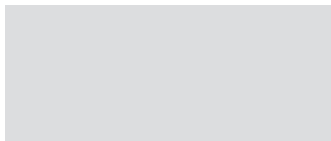
Colour	Code
	S-9017-R/G-W
	S-9017-R/G-B
	S-9017-R/G-G

False ceiling cover for X connector.
Polycarbonate body.
For: 9017.



Colour	Code
	S-9010-R/G-W
	S-9010-R/G-B
	S-9010-R/G-G

False ceiling cover for central power supply.
Polycarbonate body.
For: 9010/...

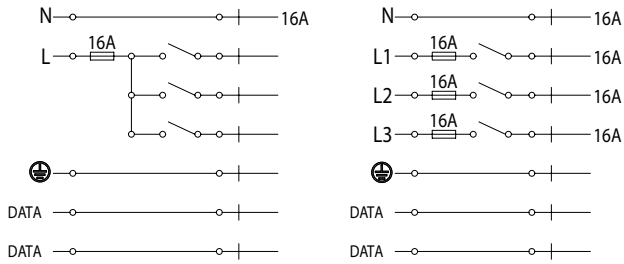


L	Colour	Code
1000		S-9000/GP-W
1000		S-9000/GP-B
1000		S-9000/GP-G

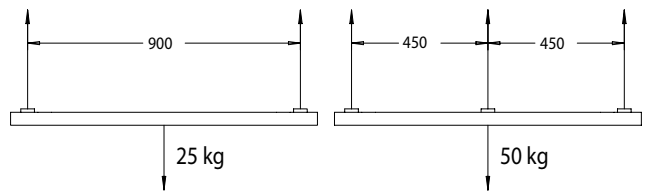
Cover profile.

ELECTRICAL SCHEME

During the wiring the electrical scheme of picture must be followed.

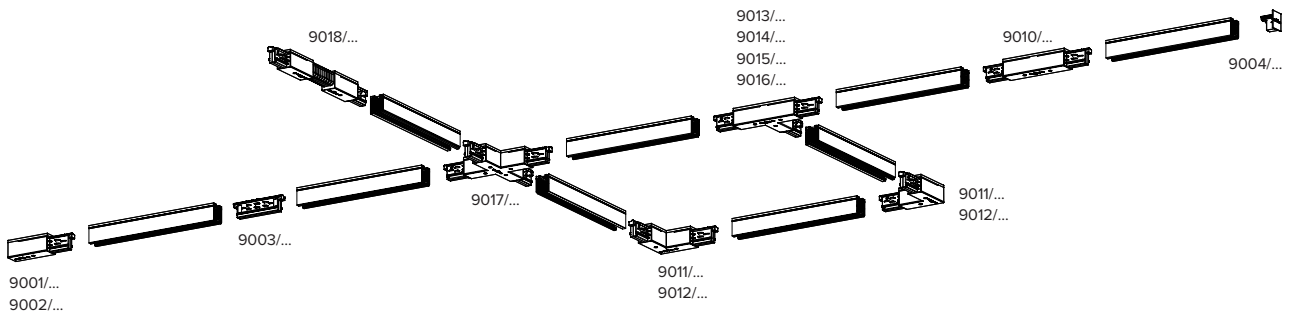


LOAD SCHEME

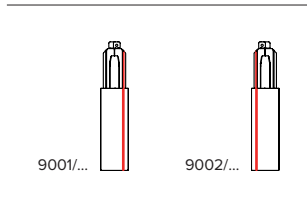


INSTALLATION

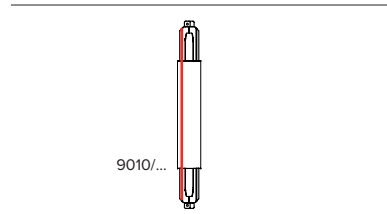
There is a polarity on the lighting track to guarantee the right connection of the multiple pieces of the track. Also end-feeds and connection joints have a polarity that must be taken into account in order to choose the right component. In the catalogue sketches of this articles, the position of the polarity is highlighted with a red line.



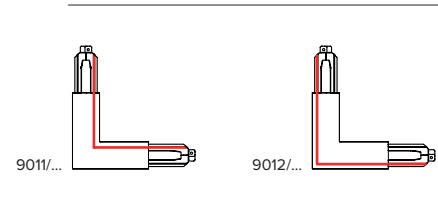
LATERAL POWER SUPPLIES



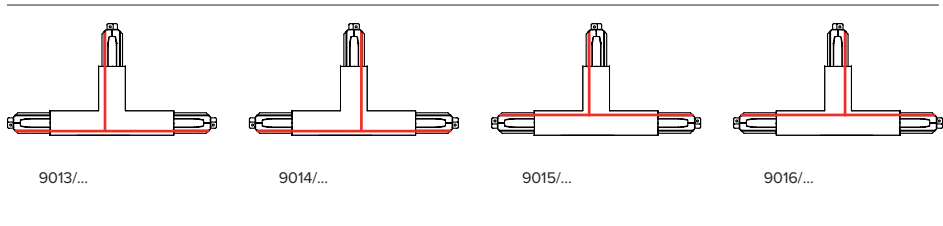
CENTRAL POWER SUPPLIES



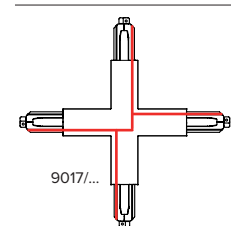
"L" JOINT



"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.

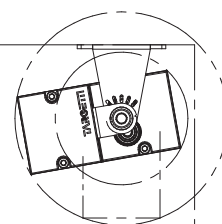
MATERIAL

Extruded anodised aluminium 15 μ 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.

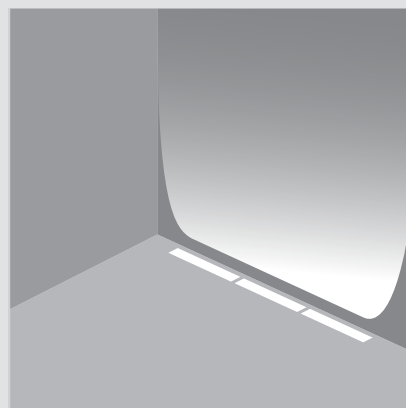
If equipped with special brackets the projector can be adjusted up to +/-145°.

Also available in an IP67 outdoor version.

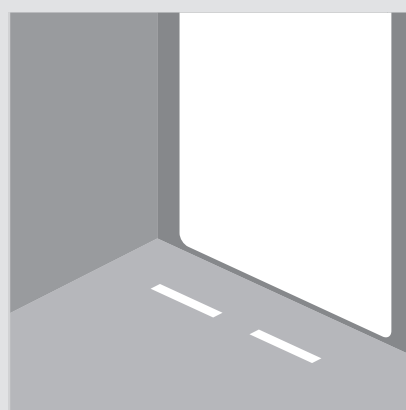


JEDI COMPACT plus

01



GRAZING



WALL WASHER

The extensive range of optics

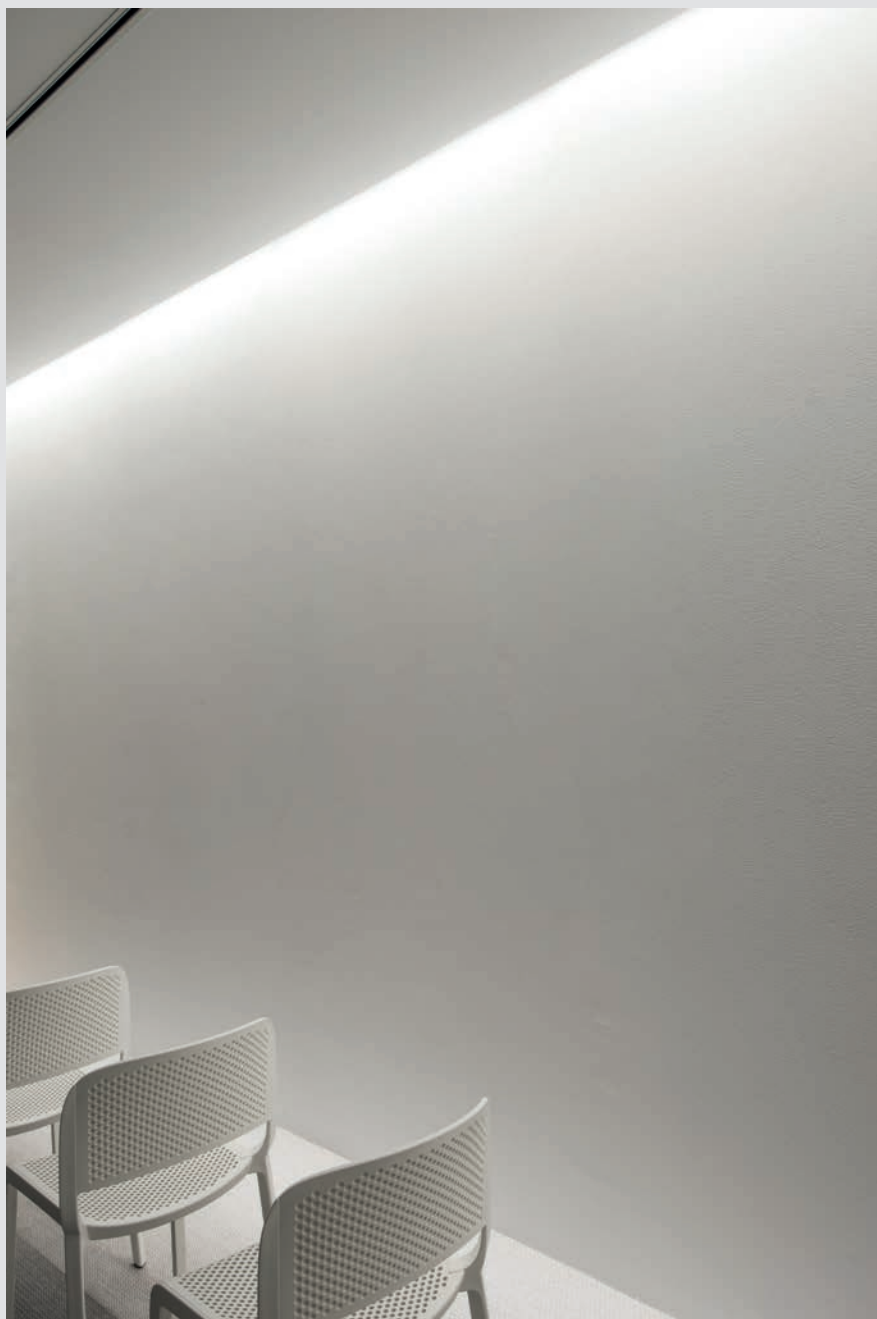
makes it possible to obtain different lighting effects according to needs and installation type. It is also possible to accessorise it with a special grill that in addition to limiting any risk of glare, also makes it possible to modify the beam emission and create other lighting effects.



FLOOD

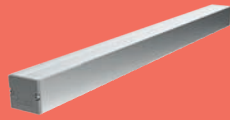
JEDI COMPACT **plus**

02

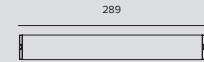


The Grazing optic versions

is the most suitable solution for lighting vertical surfaces. Installed in continuous rows it makes it possible to obtain seamless uniform lighting.



IP40 Remote driver L. 289mm



LED / 12W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			85°	32°			
Fixture Power	14W	1	1.84	0.57	1049		
Source Flux	1500lm	2	3.68	1.14	262		
Fixture Flux	1121lm	3	5.52	1.70	117		
Efficacy	80lm/W	4	7.36	2.27	66		
TS1078	I _{max} =700cd/klm	I _{max}	1049cd	5	9.20	2.84	42

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1T6747	1T6748	1T6749	1T6750

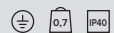
LED / 12W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			76°	15°			
Fixture Power	14W	1	1.55	0.26	2403		
Source Flux	1500lm	2	3.10	0.51	601		
Fixture Flux	1247lm	3	4.65	0.77	267		
Efficacy	89lm/W	4	6.21	1.02	150		
TS1080	I _{max} =1602cd/klm	I _{max}	2403cd	5	7.76	1.28	96

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1T6751	1T6752	1T6753	1T6754

LED / 12W / WALL WASHER

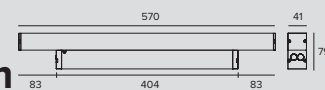


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			115°	59°			
Fixture Power	14W	1	3.12	1.34	1009		
Source Flux	1500lm	2	6.23	2.67	252		
Fixture Flux	1128lm	3	9.35	4.01	112		
Efficacy	81lm/W	4	12.47	5.35	63		
TS1082	I _{max} =774cd/klm	I _{max}	1161cd	5	15.59	6.69	40

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1T6755	1T6756	1T6757	1T6758



IP40 Integrated-removable driver L. 570mm



LED / 24W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra90			85°	32°			
Fixture Power	28W	1	1.84	0.57	2099		
Source Flux	3000lm	2	3.68	1.14	525		
Fixture Flux	2242lm	3	5.52	1.70	233		
Efficacy	80lm/W	4	7.36	2.27	131		
TS1078	I _{max} =700cd/klm	I _{max}	2099cd	5	9.20	2.84	84

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6759EL	1T6760EL	1T6761EL	1T6762EL
DALI	●	1T6759DA	1T6760DA	1T6761DA	1T6762DA

JEDI COMPACT

LED / 24W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90			76°	15°			
Fixture Power	28W	1	1.55	0.26	4805		
Source Flux	3000lm	2	3.10	0.51	1201		
Fixture Flux	2495lm	3	4.65	0.77	534		
Efficacy	89lm/W	4	6.21	1.02	300		
TS1080	I _{max} =1602cd/klm	I _{max}	4805cd	5	7.76	1.28	192

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6763EL	1T6764EL	1T6765EL	1T6766EL
DALI	●	1T6763DA	1T6764DA	1T6765DA	1T6766DA

LED / 24W / WALL WASHER

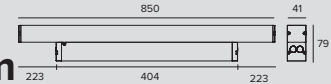


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90			115°	59°			
Fixture Power	28W	1	3.12	1.34	2017		
Source Flux	3000lm	2	6.23	2.67	504		
Fixture Flux	2256lm	3	9.35	4.01	224		
Efficacy	81lm/W	4	12.47	5.35	126		
TS1082	I _{max} =774cd/klm	I _{max}	2321cd	5	15.59	6.69	81

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6767EL	1T6768EL	1T6769EL	1T6770EL
DALI	●	1T6767DA	1T6768DA	1T6769DA	1T6770DA



IP40 Integrated-driver L. 850mm



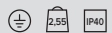
LED / 36W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90			85°	32°			
Fixture Power	40W	1	1.84	0.57	3146		
Source Flux	4500lm	2	3.68	1.14	787		
Fixture Flux	3361lm	3	5.52	1.70	350		
Efficacy	84lm/W	4	7.36	2.27	197		
TS1079	I _{max} =699cd/klm	I _{max}	3146cd	5	9.20	2.84	126

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6771EL	1T6772EL	1T6773EL	1T6774EL
DALI	●	1T6771DA	1T6772DA	1T6773DA	1T6774DA

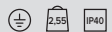
LED / 36W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90			76°	15°			
Fixture Power	40W	1	1.55	0.26	7203		
Source Flux	4500lm	2	3.10	0.51	1801		
Fixture Flux	3740lm	3	4.65	0.77	800		
Efficacy	94lm/W	4	6.21	1.02	450		
TS1081	I _{max} =1601cd/klm	I _{max}	7203cd	5	7.76	1.28	288

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6775EL	1T6776EL	1T6777EL	1T6778EL
DALI	●	1T6775DA	1T6776DA	1T6777DA	1T6778DA

LED / 36W / WALL WASHER

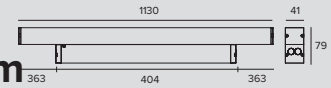


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90			115°	59°			
Fixture Power	40W	1	3.12	1.34	3026		
Source Flux	4500lm	2	6.23	2.67	756		
Fixture Flux	3384lm	3	9.35	4.01	336		
Efficacy	85lm/W	4	12.47	5.35	189		
TS1083	I _{max} =774cd/klm	I _{max}	3482cd	5	15.59	6.69	121

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6779EL	1T6780EL	1T6781EL	1T6782EL
DALI	●	1T6779DA	1T6780DA	1T6781DA	1T6782DA



IP40 Integrated-removable driver L. 1130mm



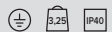
LED / 48W / FLOOD



		3000K		H(m) D1(m) D2(m) Emax(lx)	
		Ra90		85°	32°
Fixture Power	53W	1	1.84	0.57	4195
Source Flux	6000lm	2	3.68	1.14	1049
Fixture Flux	4482lm	3	5.52	1.70	466
Efficacy	85lm/W	4	7.36	2.27	262
TS1079	Imax=699cd/klm	Imax	4195cd	5	9.20 2.84 168

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6783EL	1T6784EL	1T6785EL	1T6786EL
DALI	●	1T6783DA	1T6784DA	1T6785DA	1T6786DA

LED / 48W / GRAZING



		3000K		H(m) D1(m) D2(m) Emax(lx)	
		Ra90		76°	15°
Fixture Power	53W	1	1.55	0.26	9605
Source Flux	6000lm	2	3.10	0.51	2401
Fixture Flux	4987lm	3	4.65	0.77	1067
Efficacy	94lm/W	4	6.21	1.02	600
TS1081	Imax=1601cd/klm	Imax	9605cd	5	7.76 1.28 384

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6787EL	1T6788EL	1T6789EL	1T6790EL
DALI	●	1T6787DA	1T6788DA	1T6789DA	1T6790DA

LED / 48W / WALL WASHER

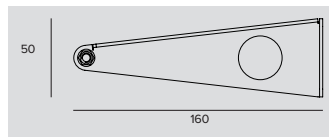


		3000K		H(m) D1(m) D2(m) Emax(lx)	
		Ra90		115°	59°
Fixture Power	53W	1	3.12	1.34	4034
Source Flux	6000lm	2	6.23	2.67	1009
Fixture Flux	4512lm	3	9.35	4.01	448
Efficacy	85lm/W	4	12.47	5.35	252
TS1083	Imax=774cd/klm	Imax	4643cd	5	15.59 6.69 161

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1T6791EL	1T6792EL	1T6793EL	1T6794EL
DALI	●	1T6791DA	1T6792DA	1T6793DA	1T6794DA

Related codes

Bracket



Code
1T6940

Long bracket kit for surface installation (2 pieces).
Rotation +/-145°.



H
52
Code
1T6800

Medium bracket kit for surface installation (2 pieces).
Integrated driver version.
Rotation +/-90°.

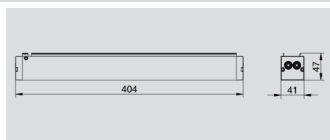


H
24
Code
1T6799

Short bracket kit for surface installation (2 pieces).
Remote driver version.
Rotation +/-50°.

JEDI COMPACT

Power Supply



L	P	H	Driving current	Driver	Code
404	41	47	500mA	EL.	1T6797EL
404	41	47	500mA	EL.	1T6798EL
404	41	47	500mA	DALI	1T6797DA
404	41	47	500mA	DALI	1T6798DA

Driver box.

L, 289mm version.

1T6797EL - n°1 JEDI COMPACT

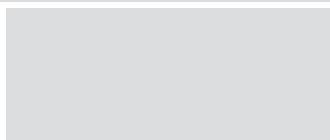
1T6798EL - n° 2-4 JEDI COMPACT

1T6797DA - n°1 JEDI COMPACT

1T6798DA - n°2-4 JEDI COMPACT

Accessories

Grid

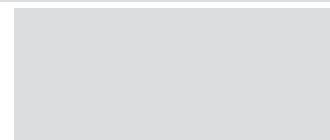


L	Code
278	1T6795

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.



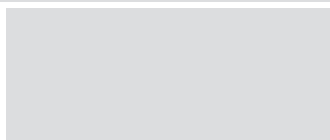
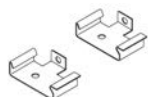
L	Code
278	1T6796

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

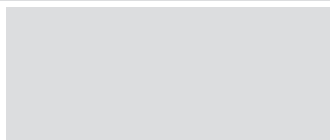


Code
1T6806

Bracket kit for surface installation of the driver box (2 pieces).

Snap brackets.

Control systems



Code
1T5349

A wireless control module with a DALI interface.

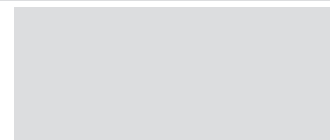
It generates a local DALI bus which makes it possible to connect a LED driver directly to a DALI interface.

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



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.

It prevents any change to the management features provided by the Casambi system.



ICI
Brasserie
Bela Cintra
2016

ARCHITECT
Roya Arquitetura
Fornecedores

LIGHTING DESIGN
Illumination Strategic
Design Group

COUNTRY
São Paulo, Brazil

ZENO

PARETE

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.

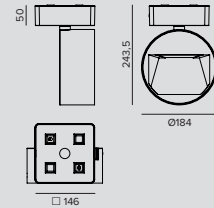
Also available in the projector and recessed
versions.



ZENO



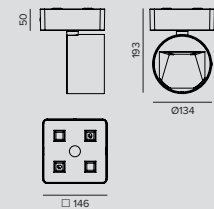
Applique Large



LED / 52W / WALL WASHER							
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra97		34°	81°			
	Fixture Power	56W	1	0.98	1.99	1761	
	Source Flux	4995lm	2	1.96	3.98	440	
	Fixture Flux	2413lm	3	2.94	5.96	196	
	Efficacy	43lm/W	4	3.92	7.95	110	
TS985	I _{max} =520cd/klm	I _{max}	2599cd	5	4.91	9.94	70
		Driver	Colour	3000K	4000K		
		EL.	○	1T6313EL	1T6314EL		
		EL.	●	1T6315EL	1T6316EL		
		DALI	○	1T6313DA	1T6314DA		
		DALI	●	1T6315DA	1T6316DA		



Applique Medium



LED / 26W / WALL WASHER							
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra97		34°	54°			
	Fixture Power	28W	1	1.06	1.18	1345	
	Source Flux	2602lm	2	2.11	2.35	336	
	Fixture Flux	1473lm	3	3.17	3.53	149	
	Efficacy	53lm/W	4	4.23	4.71	84	
TS979	I _{max} =745cd/klm	I _{max}	1939cd	5	5.28	5.89	54
		Driver	Colour	3000K	4000K		
		EL.	○	1T6309EL	1T6310EL		
		EL.	●	1T6311EL	1T6312EL		
		DALI	○	1T6309DA	1T6310DA		
		DALI	●	1T6311DA	1T6312DA		

Accessories

Control systems	
Code 1T5349	Code 1T5352
<p>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.</p> <p>IP20</p>	<p>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. It prevents any change to the management features provided by the Casambi system.</p>

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 with screws and dowels (not provided).

Professional adjustable LED projector for wall or cornice installation, particularly suitable for lighting historical buildings of great artistic value.

Particularly suitable for installation 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.

Available in both indoor IP54 and an outdoor IP66 versions. P54 versions in Florentine white and sandstone grey can not be installed outdoors.





STADTPALIS LIECHTENSTEIN

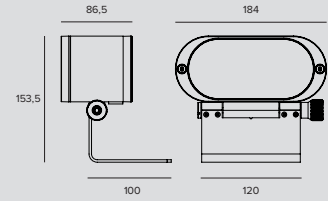
ARCHITECT
Wehdorn Architekten

LIGHTING DESIGN
PodPod design

PHOTOGRAPHER
Arthur Flament

COUNTRY
France

VOLTA



LED / 8W / NSP



3000K		H(m)	D(m)	E _{max} (lx)		
Ra80		9°				
Fixture Power	12W	1	0.16	13011		
Source Flux	650lm	2	0.32	3253		
Fixture Flux	544lm	3	0.48	1446		
Efficacy	47lm/W	4	0.64	813		
TS880	I _{max} =20017cd/klm	I _{max}	13011cd	5	0.80	520

	Power supply	Colour	3000K
	IP54	900mA	● 1T4632
	IP54	900mA	● 1T4633
	IP66 IK09	900mA	● 1E2565
	IP66 IK09	900mA	● 1E2566

LED / 21/33W / ASYM



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		61° 86°					
Fixture Power	23W	1	1.51	1.98	1356		
Source Flux	3187lm	2	3.01	3.96	339		
Fixture Flux	2304lm	3	4.52	5.94	151		
Efficacy	100lm/W	4	6.02	7.92	85		
TS881	I _{max} =464cd/klm	I _{max}	1480cd	5	7.53	9.89	54

	Power supply	Colour	3000K
	IP54	600/900mA	● 1T4634
	IP54	600/900mA	● 1T4635
	IP66 IK09	600/900mA	● 1E2567
	IP66 IK09	600/900mA	● 1E2568

LED / 21/33W / ELLIPTICAL

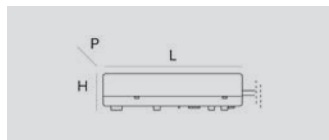


3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		42° 79°					
Fixture Power	23W	1	0.76	1.66	2266		
Source Flux	3187lm	2	1.52	3.31	567		
Fixture Flux	2530lm	3	2.28	4.97	252		
Efficacy	110lm/W	4	3.04	6.62	142		
TS882	I _{max} =711cd/klm	I _{max}	2266cd	5	3.80	8.28	91

	Power supply	Colour	3000K
	IP54	600/900mA	● 1T4636
	IP54	600/900mA	● 1T4637
	IP66 IK09	600/900mA	● 1E2569
	IP66 IK09	600/900mA	● 1E2570

Related codes

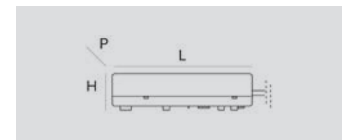
Power Supply



Code

32W - 110-240V, 600mA - IP20 - 160x35x83mm	1T3625
43W - 220-240V, 600mA - IP68 - 150x40x148mm	1E2571
50W - 220-240V, 900mA - IP20 - 160x35x83mm	1T2966
50W - 220-240V, 900mA - IP68 - 150x40x148mm	1E2573

Electronic power supply
LxHxP



Code





32W - 110-240V, 600mA - IP20 - 160x35x83mm	1T3627
43W - 220-240V, 600mA - IP68 - 150x40x148mm	1E2572
50W - 110-240V, 900mA - IP20 - 160x35x83mm	1T2968
50W - 220-240V, 900mA - IP68 - 150x40x148mm	1E2574

DALI electronic power supply
LxHxP

Accessories





Filter



Colour	Code
	1E2576
	1E2575
	1T4638
	1T4639

Blade of light filter.
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame. NSP







Colour	Code
	1T4640
	1T4641
	1E2578
	1E2577

Anti-glare.
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame. NSP, ASYM, ELLIPTICAL

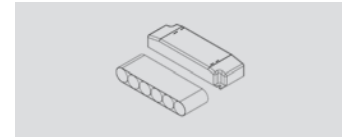
RAY Shade



Colour	Code
	1T4642
	1T4643
	1E2580
	1E2579

Asymmetric screen.
Powder coated stainless steel. NSP

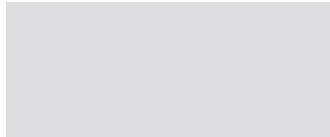
Emergency Kit



Code
1T3144

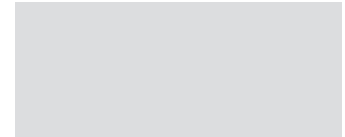
Emergency kit IP20
Inverter + 3h battery pack.

Control systems



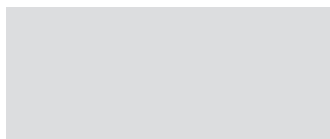
Code
1T5349

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IP20



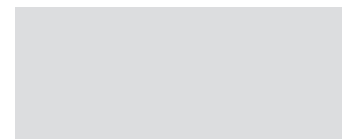
Code
1E3048

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 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.



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.
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It prevents any change to the management features provided by the Casambi system.

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

Body, front ring and joints in die cast aluminium powder coated. Black anodized extruded aluminium heat sink.

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 plus

01



CORO available in two different sizes

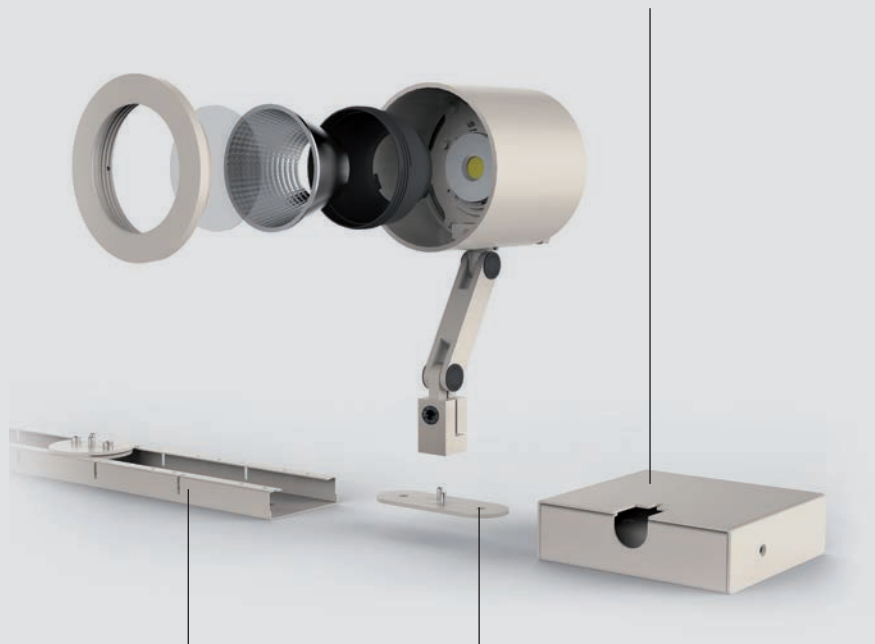
and two different finishes: sandstone grey and Florentine white, two colours that integrate perfectly in historical contexts.

02

The flexibility of the fixture is best represented by its fixing system.

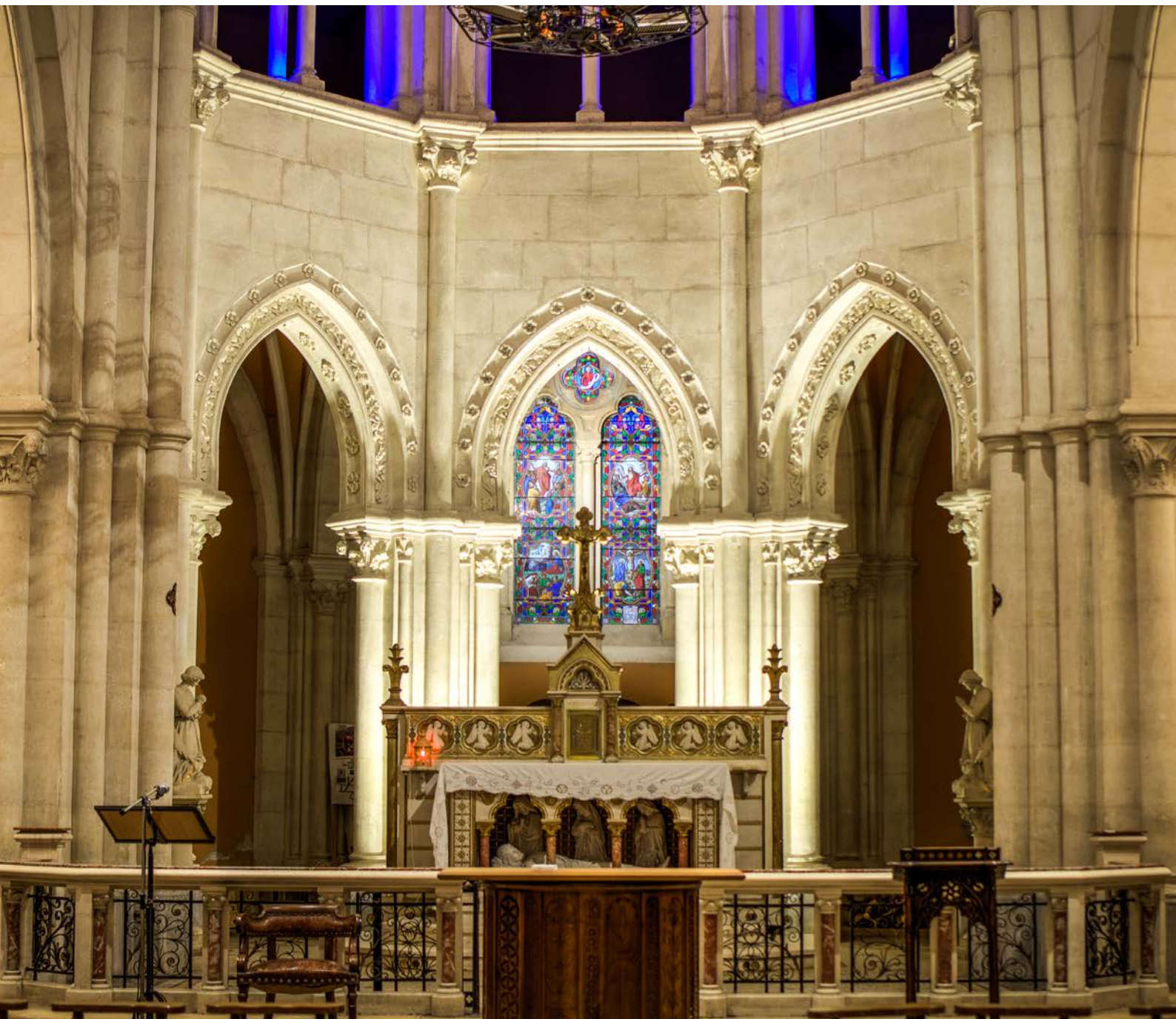
Three different solutions for as many types of installation.

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



**ÉGLISE
DE MAUVES
2018**

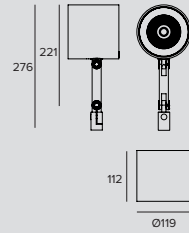
PHOTOGRAPHER
Arthur Flament

COUNTRY
France

CORO



Large long arm



LED / 34W / HYBRID / SP / CRI84

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		13°			
Fixture Power	37W	1	0.23	41198		
Source Flux	4478lm	2	0.46	10299		
Fixture Flux	2904lm	3	0.69	4578		
Efficacy	78lm/W	4	0.92	2575		
TS918	Imax=9200cd/klm	Imax	41198cd	5	1.14	1648

Power supply	Colour	3000K
900mA		1T4785
900mA		1T4787

LED / 34W / HYBRID / SP / CRI97

	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		13°			
Fixture Power	37W	1	0.23	30351		
Source Flux	3299lm	2	0.46	7588		
Fixture Flux	2139lm	3	0.69	3372		
Efficacy	58lm/W	4	0.92	1897		
TS918	Imax=9200cd/klm	Imax	30351cd	5	1.14	1214

Power supply	Colour	3000K
900mA		1T5312
900mA		1T5314

LED / 34W / HYBRID / FL / CRI84

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		33°			
Fixture Power	37W	1	0.58	9994		
Source Flux	4478lm	2	1.17	2499		
Fixture Flux	2733lm	3	1.75	1110		
Efficacy	73lm/W	4	2.33	625		
TS919	Imax=2232cd/klm	Imax	9994cd	5	2.92	400

Power supply	Colour	3000K
900mA		1T4786
900mA		1T4788

LED / 34W / HYBRID / FL / CRI97

	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		33°			
Fixture Power	37W	1	0.58	7363		
Source Flux	3299lm	2	1.17	1841		
Fixture Flux	2014lm	3	1.75	818		
Efficacy	54lm/W	4	2.33	460		
TS919	Imax=2232cd/klm	Imax	7363cd	5	2.92	295

Power supply	Colour	3000K
900mA		1T5313
900mA		1T5315

LED / 25W / FACETTED / SP / CRI84

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		15°			
Fixture Power	28W	1	0.26	24211		
Source Flux	3617lm	2	0.52	6053		
Fixture Flux	3074lm	3	0.78	2690		
Efficacy	110lm/W	4	1.04	1513		
TS860	Imax=6694cd/klm	Imax	24211cd	5	1.30	968

Power supply	Colour	3000K
700mA		1T4560
700mA		1T4564

LED / 25W / FACETTED / SP / CRI97

	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		15°			
Fixture Power	28W	1	0.26	18629		
Source Flux	2783lm	2	0.52	4657		
Fixture Flux	2366lm	3	0.78	2070		
Efficacy	84lm/W	4	1.04	1164		
TS860	Imax=6694cd/klm	Imax	18629cd	5	1.30	745

Power supply	Colour	3000K
700mA		1T5302
700mA		1T5306

CORO

LED / 25W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		31°	
Fixture Power	28W	1	0.55	9064	
Source Flux	3617lm	2	1.09	2266	
Fixture Flux	3062lm	3	1.64	1007	
Efficacy	109lm/W	4	2.19	567	
TS861	I _{max} =2506cd/klm	I _{max}	9064cd	5	2.73
					363

Power supply	Colour	3000K
700mA		1T4561
700mA		1T4565

LED / 25W / REFLECTOR / FL / CRI97



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		31°	
Fixture Power	28W	1	0.55	6974	
Source Flux	2783lm	2	1.09	1744	
Fixture Flux	2356lm	3	1.64	775	
Efficacy	84lm/W	4	2.19	436	
TS861	I _{max} =2506cd/klm	I _{max}	6974cd	5	2.73
					279

Power supply	Colour	3000K
700mA		1T5303
700mA		1T5307

LED / 39W / REFLECTOR / SP / CRI84



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		15°	
Fixture Power	42W	1	0.26	35380	
Source Flux	4980lm	2	0.51	8845	
Fixture Flux	4233lm	3	0.77	3931	
Efficacy	100lm/W	4	1.02	2211	
TS862	I _{max} =7104cd/klm	I _{max}	35380cd	5	1.28
					1415

Power supply	Colour	3000K
1050mA		1T4569
1050mA		1T4575

LED / 39W / REFLECTOR / SP / CRI97



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		15°	
Fixture Power	42W	1	0.26	27210	
Source Flux	3830lm	2	0.51	6803	
Fixture Flux	3255lm	3	0.77	3023	
Efficacy	77lm/W	4	1.02	1701	
TS862	I _{max} =7104cd/klm	I _{max}	27210cd	5	1.28
					1088

Power supply	Colour	3000K
1050mA		1T4581
1050mA		1T4587

LED / 39W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		28°	
Fixture Power	42W	1	0.50	13841	
Source Flux	4980lm	2	1.01	3460	
Fixture Flux	4216lm	3	1.51	1538	
Efficacy	99lm/W	4	2.02	865	
TS863	I _{max} =2779cd/klm	I _{max}	13841cd	5	2.52
					554


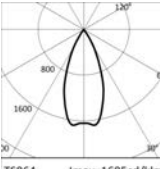


Power supply	Colour	3000K
1050mA		1T4570
1050mA		1T4576


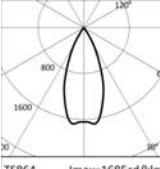


LED / 39W / REFLECTOR / FL / CRI97


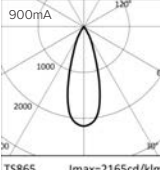





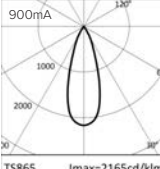


		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		28°	
Fixture Power	42W	1	0.50	10645	
Source Flux	3830lm	2	1.01	2661	
Fixture Flux	3242lm	3	1.51	1183	
Efficacy	76lm/W	4	2.02	665	
TS863	I _{max} =2779cd/klm	I _{max}	10645cd	5	2.52
					426


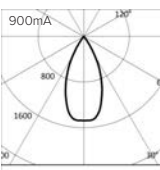


Power supply	Colour	3000K
1050mA		1T4582
1050mA		1T4588


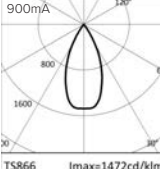


LED / 39W / REFLECTOR / MWFL / CRI84								
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra84			43°	1050mA		1T4571	
	Fixture Power	42W	1	0.79	8255	1050mA		1T4577
	Source Flux	4980lm	2	1.59	2064			
	Fixture Flux	4328lm	3	2.38	917			
	Efficacy	102lm/W	4	3.18	516			
	TS864	I _{max} =1685cd/klm	I _{max}	8390cd	5	3.97	330	

LED / 39W / REFLECTOR / MWFL / CRI97								
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra97			43°	1050mA		1T4583	
	Fixture Power	42W	1	0.79	6349	1050mA		1T4589
	Source Flux	3830lm	2	1.59	1587			
	Fixture Flux	3328lm	3	2.38	705			
	Efficacy	78lm/W	4	3.18	397			
	TS864	I _{max} =1685cd/klm	I _{max}	6453cd	5	3.97	254	

LED / 45/55W / REFLECTOR / FL / CRI84								
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra84			34°	900/1050mA		1T4592	
	Fixture Power	54W	1	0.62	15434	900/1050mA		1T4596
	Source Flux	7130lm	2	1.23	3858			
	Fixture Flux	6035lm	3	1.85	1715			
	Efficacy	113lm/W	4	2.46	965			
	TS865	I _{max} =2165cd/klm	I _{max}	15434cd	5	3.08	617	

LED / 45/55W / REFLECTOR / FL / CRI97								
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra97			34°	900/1050mA		1T4600	
	Fixture Power	54W	1	0.62	10446	900/1050mA		1T4604
	Source Flux	4826lm	2	1.23	2612			
	Fixture Flux	4085lm	3	1.85	1161			
	Efficacy	76lm/W	4	2.46	653			
	TS865	I _{max} =2165cd/klm	I _{max}	10446cd	5	3.08	418	

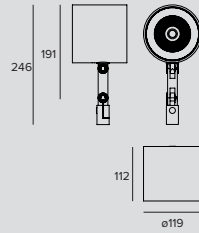
LED / 45/55W / REFLECTOR / MWFL / CRI84								
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra84			47°	900/1050mA		1T4593	
	Fixture Power	54W	1	0.87	10489	900/1050mA		1T4597
	Source Flux	7130lm	2	1.75	2622			
	Fixture Flux	6196lm	3	2.62	1165			
	Efficacy	116lm/W	4	3.50	656			
	TS866	I _{max} =1472cd/klm	I _{max}	10496cd	5	4.37	420	

LED / 45/55W / REFLECTOR / MWFL / CRI97								
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra97			47°	900/1050mA		1T4601	
	Fixture Power	54W	1	0.87	7100	900/1050mA		1T4605
	Source Flux	4826lm	2	1.75	1775			
	Fixture Flux	4194lm	3	2.62	789			
	Efficacy	78lm/W	4	3.50	444			
	TS866	I _{max} =1472cd/klm	I _{max}	7104cd	5	4.37	284	

CORO



Large short arm



LED / 34W / HYBRID / SP / CRI84

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		13°			
Fixture Power	37W	1	0.23	41198		
Source Flux	4478lm	2	0.46	10299		
Fixture Flux	2904lm	3	0.69	4578		
Efficacy	78lm/W	4	0.92	2575		
TS918	Imax=9200cd/klm	Imax	41198cd	5	1.14	1648

Power supply	Colour	3000K
900mA		1T4781
900mA		1T4783

LED / 34W / HYBRID / SP / CRI97

	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		13°			
Fixture Power	37W	1	0.23	30351		
Source Flux	3299lm	2	0.46	7588		
Fixture Flux	2139lm	3	0.69	3372		
Efficacy	58lm/W	4	0.92	1897		
TS918	Imax=9200cd/klm	Imax	30351cd	5	1.14	1214

Power supply	Colour	3000K
900mA		1T5308
900mA		1T5310

LED / 34W / HYBRID / FL / CRI84

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		33°			
Fixture Power	37W	1	0.58	9994		
Source Flux	4478lm	2	1.17	2499		
Fixture Flux	2733lm	3	1.75	1110		
Efficacy	73lm/W	4	2.33	625		
TS919	Imax=2232cd/klm	Imax	9994cd	5	2.92	400

Power supply	Colour	3000K
900mA		1T4782
900mA		1T4784

LED / 34W / HYBRID / FL / CRI97

	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		33°			
Fixture Power	37W	1	0.58	7363		
Source Flux	3299lm	2	1.17	1841		
Fixture Flux	2014lm	3	1.75	818		
Efficacy	54lm/W	4	2.33	460		
TS919	Imax=2232cd/klm	Imax	7363cd	5	2.92	295

Power supply	Colour	3000K
900mA		1T5309
900mA		1T5311

LED / 25W / REFLECTOR / SP / CRI84

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		15°			
Fixture Power	28W	1	0.26	24211		
Source Flux	3617lm	2	0.52	6053		
Fixture Flux	3074lm	3	0.78	2690		
Efficacy	110lm/W	4	1.04	1513		
TS860	Imax=6694cd/klm	Imax	24211cd	5	1.30	968

Power supply	Colour	3000K
700mA		1T4558
700mA		1T4562

LED / 25W / REFLECTOR / SP / CRI97

	3000K	H(m)	D(m)	Emax(lx)		
	Ra97		15°			
Fixture Power	28W	1	0.26	18629		
Source Flux	2783lm	2	0.52	4657		
Fixture Flux	2366lm	3	0.78	2070		
Efficacy	84lm/W	4	1.04	1164		
TS860	Imax=6694cd/klm	Imax	18629cd	5	1.30	745

Power supply	Colour	3000K
700mA		1T5300
700mA		1T5304

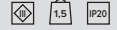
LED / 25W / REFLECTOR / FL / CR184



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		31°	
Fixture Power	28W	1	0.55	9064	
Source Flux	3617lm	2	1.09	2266	
Fixture Flux	3062lm	3	1.64	1007	
Efficacy	109lm/W	4	2.19	567	
TS861	Imax=2506cd/klm	Imax	9064cd	5	2.73
					363

Power supply	Colour	3000K
700mA		1T4559
700mA		1T4563

LED / 25W / REFLECTOR / FL / CR197



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		31°	
Fixture Power	28W	1	0.55	6974	
Source Flux	2783lm	2	1.09	1744	
Fixture Flux	2356lm	3	1.64	775	
Efficacy	84lm/W	4	2.19	436	
TS861	Imax=2506cd/klm	Imax	6974cd	5	2.73
					279

Power supply	Colour	3000K
700mA		1T5301
700mA		1T5305

LED / 39W / REFLECTOR / SP / CR184



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		15°	
Fixture Power	42W	1	0.26	35380	
Source Flux	4980lm	2	0.51	8845	
Fixture Flux	4233lm	3	0.77	3931	
Efficacy	100lm/W	4	1.02	2211	
TS862	Imax=7104cd/klm	Imax	35380cd	5	1.28
					1415

Power supply	Colour	3000K
1050mA		1T4566
1050mA		1T4572

LED / 39W / REFLECTOR / SP / CR197



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		15°	
Fixture Power	42W	1	0.26	27210	
Source Flux	3830lm	2	0.51	6803	
Fixture Flux	3255lm	3	0.77	3023	
Efficacy	77lm/W	4	1.02	1701	
TS862	Imax=7104cd/klm	Imax	27210cd	5	1.28
					1088

Power supply	Colour	3000K
1050mA		1T4578
1050mA		1T4584

LED / 39W / REFLECTOR / FL / CR184



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		28°	
Fixture Power	42W	1	0.50	13841	
Source Flux	4980lm	2	1.01	3460	
Fixture Flux	4216lm	3	1.51	1538	
Efficacy	99lm/W	4	2.02	865	
TS863	Imax=2779cd/klm	Imax	13841cd	5	2.52
					554

Power supply	Colour	3000K
1050mA		1T4567
1050mA		1T4573

LED / 39W / REFLECTOR / FL / CR197



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		28°	
Fixture Power	42W	1	0.50	10645	
Source Flux	3830lm	2	1.01	2661	
Fixture Flux	3242lm	3	1.51	1183	
Efficacy	76lm/W	4	2.02	665	
TS863	Imax=2779cd/klm	Imax	10645cd	5	2.52
					426

Power supply	Colour	3000K
1050mA		1T4579
1050mA		1T4585

LED / 39W / REFLECTOR / MWFL / CR184



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		43°	
Fixture Power	42W	1	0.79	8255	
Source Flux	4980lm	2	1.59	2064	
Fixture Flux	4328lm	3	2.38	917	
Efficacy	102lm/W	4	3.18	516	
TS864	Imax=1685cd/klm	Imax	8390cd	5	3.97
					330

Power supply	Colour	3000K
1050mA		1T4568
1050mA		1T4574

CORO

LED / 39W / REFLECTOR / MWFL / CRI97



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		43°	
Fixture Power	42W	1	0.79	6349	
Source Flux	3830lm	2	1.59	1587	
Fixture Flux	3328lm	3	2.38	705	
Efficacy	78lm/W	4	3.18	397	
TS864	I _{max} =1685cd/klm	I _{max}	6453cd	5	3.97

Power supply	Colour	3000K
1050mA		1T4580
1050mA		1T4586

LED / 45/55W / REFLECTOR / FL / CRI84



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		34°	
Fixture Power	54W	1	0.62	15434	
Source Flux	7130lm	2	1.23	3858	
Fixture Flux	6035lm	3	1.85	1715	
Efficacy	113lm/W	4	2.46	965	
TS865	I _{max} =2165cd/klm	I _{max}	15434cd	5	3.08

Power supply	Colour	3000K
900/1050mA		1T4590
900/1050mA		1T4594

LED / 45/55W / REFLECTOR / FL / CRI97



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		34°	
Fixture Power	54W	1	0.62	10446	
Source Flux	4826lm	2	1.23	2612	
Fixture Flux	4085lm	3	1.85	1161	
Efficacy	76lm/W	4	2.46	653	
TS865	I _{max} =2165cd/klm	I _{max}	10446cd	5	3.08

Power supply	Colour	3000K
900/1050mA		1T4598
900/1050mA		1T4602

LED / 45/55W / REFLECTOR / MWFL / CRI84



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		47°	
Fixture Power	54W	1	0.87	10489	
Source Flux	7130lm	2	1.75	2622	
Fixture Flux	6196lm	3	2.62	1165	
Efficacy	116lm/W	4	3.50	656	
TS866	I _{max} =1472cd/klm	I _{max}	10496cd	5	4.37

Power supply	Colour	3000K
900/1050mA		1T4591
900/1050mA		1T4595

LED / 45/55W / REFLECTOR / MWFL / CRI97

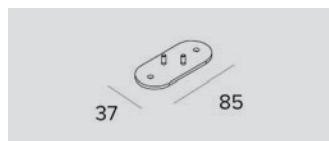


		3000K	H(m)	D(m)	E _{max} (lx)
		Ra97		47°	
Fixture Power	54W	1	0.87	7100	
Source Flux	4826lm	2	1.75	1775	
Fixture Flux	4194lm	3	2.62	789	
Efficacy	78lm/W	4	3.50	444	
TS866	I _{max} =1472cd/klm	I _{max}	7104cd	5	4.37

Power supply	Colour	3000K
900/1050mA		1T4599
900/1050mA		1T4603

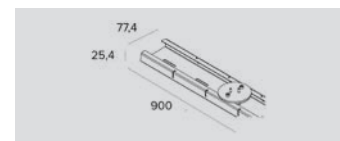
Related codes

Mounting System



Colour	Code
	1T4606
	1T4607

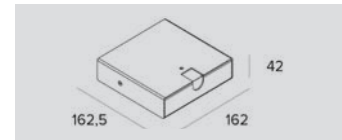
White surface mounting base.



Colour	Code
	1T4628
	1T4629

Surface mounting channel 900mm.
The channel can be cut to length at intervals of 10cm.
With three mounting bases for Coro "Small" and "Big".

Mounting System

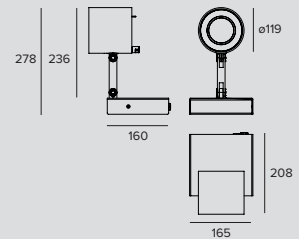


Colour	Driving current	EL.	DALI	DALI Casambi
●	700mA	1T4612	1T4613	1T4613CA
●	900mA	1T4614	1T4615	1T4615CA
●	1050mA max 60W	1T4616	1T4617	1T4617CA
●	700mA	1T4622	1T4623	1T4623CA
●	900mA	1T4624	1T4625	1T4625CA
●	1050mA max 60W	1T4626	1T4627	1T4627CA

Surface mounting base with integrated 220-240Vac driver.



Large DBS long arm



LED / 34W / DBS / CRI84



Driver	Colour	3000K
Casambi	●	1T6945CA
Casambi	●	1T6946CA

3000K	H(m)	D(m)	Emax(lx)
Ra84		14°	
Fixture Power	37W	1	0.25 25176
Source Flux	4478lm	2	0.50 6294
Fixture Flux	2140lm	3	0.75 2797
Efficacy	58lm/W	4	1.00 1573
TS1110	I _{max} =5622cd/klm	I _{max}	25176cd
		5	1.26 1007

3000K	H(m)	D(m)	Emax(lx)
Ra84		24°	
Fixture Power	37W	1	0.43 8931
Source Flux	4478lm	2	0.86 2233
Fixture Flux	2082lm	3	1.29 992
Efficacy	56lm/W	4	1.72 558
TS1111	I _{max} =1994cd/klm	I _{max}	8931cd
		5	2.15 357

3000K	H(m)	D(m)	Emax(lx)
Ra84		31°	
Fixture Power	37W	1	0.56 5426
Source Flux	4478lm	2	1.13 1356
Fixture Flux	2016lm	3	1.69 603
Efficacy	54lm/W	4	2.25 339
TS1112	I _{max} =1212cd/klm	I _{max}	5426cd
		5	2.82 217

3000K	H(m)	D(m)	Emax(lx)
Ra84		45°	
Fixture Power	37W	1	0.83 2585
Source Flux	4478lm	2	1.67 646
Fixture Flux	1769lm	3	2.50 287
Efficacy	48lm/W	4	3.34 162
TS1113	I _{max} =577cd/klm	I _{max}	2585cd
		5	4.17 103

LED / 34W / DBS / CRI97



Driver	Colour	3000K
Casambi	●	1T6947CA
Casambi	●	1T6948CA

3000K	H(m)	D(m)	Emax(lx)
Ra97		14°	
Fixture Power	37W	1	0.25 18547
Source Flux	3299lm	2	0.50 4637
Fixture Flux	1577lm	3	0.75 2061
Efficacy	42lm/W	4	1.00 1159
TS1110	I _{max} =5622cd/klm	I _{max}	18547cd
		5	1.26 742

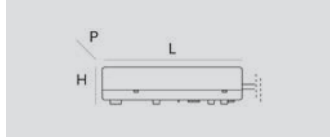
3000K	H(m)	D(m)	Emax(lx)
Ra97		24°	
Fixture Power	37W	1	0.43 6580
Source Flux	3299lm	2	0.86 1645
Fixture Flux	1534lm	3	1.29 731
Efficacy	41lm/W	4	1.72 411
TS1111	I _{max} =1994cd/klm	I _{max}	6580cd
		5	2.15 263

3000K	H(m)	D(m)	Emax(lx)
Ra97		31°	
Fixture Power	37W	1	0.56 3997
Source Flux	3299lm	2	1.13 999
Fixture Flux	1485lm	3	1.69 444
Efficacy	40lm/W	4	2.25 250
TS1112	I _{max} =1212cd/klm	I _{max}	3997cd
		5	2.82 160

3000K	H(m)	D(m)	Emax(lx)
Ra97		45°	
Fixture Power	37W	1	0.83 1904
Source Flux	3299lm	2	1.67 476
Fixture Flux	1303lm	3	2.50 212
Efficacy	35lm/W	4	3.34 119
TS1113	I _{max} =577cd/klm	I _{max}	1904cd
		5	4.17 76

CORO

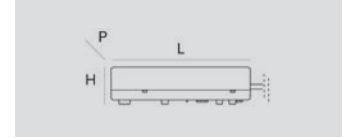
Power Supply



Code

29W - 110-240V, 700mA - IP20 - 160x35x83mm	1T2963
50W - 220-240V, 900mA - IP20 - 160x35x83mm	1T2966
42W - 110-240V, 1050mA - IP20 - 160x35x83mm	1T3781
60W - 220-240V, 1050mA - IP20 - 129x30x76mm	1T4723

Electronic power supply
LxHxP



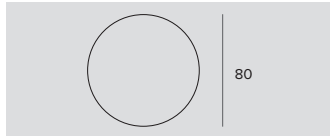
Code

29W - 110-240V, 700mA - IP20 - 160x35x83mm	1T2965
50W - 110-240V, 900mA - IP20 - 160x35x83mm	1T2968
42W - 110-240V, 1050mA - IP20 - 160x35x83mm	1T3783
60W - 220-240V, 1050mA - IP20 - 129x30x76mm	1T4725

DALI electronic power supply
LxHxP

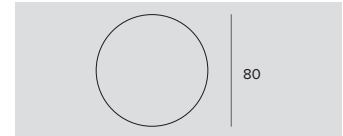
Accessories

Filter



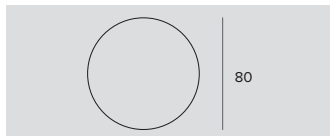
Filter	Ø	Code
Red	80	1T3424
Green	80	1T3425
Blue	80	1T3426
Yellow	80	1T3427
Magenta	80	1T3428

Flat glass interference chromatic filter.



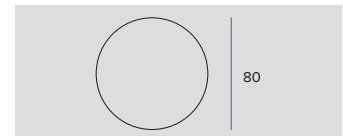
Filter	Ø	Code
	80	1T3141

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.



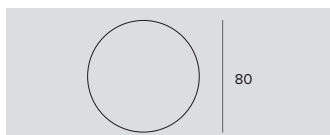
Filter	Ø	Code
	80	1T3140

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



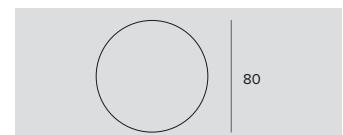
Filter	Ø	Code
Halogen +	80	1T6382
Vivid +	80	1T6384

Art filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Meat	80	1T6386
Fish	80	1T6388
Bread	80	1T6390
Vegetable	80	1T6392

Food filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	80	1T6394

Beauty filter.
Flat glass interference filter to vary the colour temperature of light.

RAY Shade



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.

Zoom



Ø Code
80 **1T3432**

Zoom. No DBS.
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.

Cut-off



Ø Code
80 **1T3142**

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

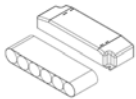
Grid



Ø Code
80 **1T3423**

Anti-glare louver.
Black painted metal honeycomb structure.

Emergency kit



Code
1T3144

Emergency kit. IP20
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



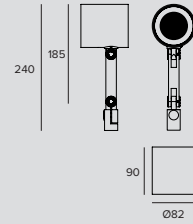
Code
1T5352

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.

CORO



Small long arm



LED / 3W / LENS / NSP / CRI80

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra80		9°			
Fixture Power	5W	1	0.15	4436		
Source Flux	200lm	2	0.30	1109		
Fixture Flux	163lm	3	0.45	493		
Efficacy	31lm/W	4	0.60	277		
TS890	I _{max} =22178cd/klm	I _{max}	4436cd	5	0.75	177

Power supply	Colour	3000K
900mA		1T4724
900mA		1T4728

LED / 11W / LENS / SP / CRI84

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		15°			
Fixture Power	14W	1	0.27	15975		
Source Flux	1686lm	2	0.53	3994		
Fixture Flux	1261lm	3	0.80	1775		
Efficacy	93lm/W	4	1.07	998		
TS855	I _{max} =9475cd/klm	I _{max}	15975cd	5	1.33	639

Power supply	Colour	3000K
350mA		1T4528
350mA		1T4532

LED / 12W / LENS / FL / CRI84

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		30°			
Fixture Power	14W	1	0.54	4873		
Source Flux	1856lm	2	1.09	1218		
Fixture Flux	1328lm	3	1.63	541		
Efficacy	98lm/W	4	2.17	305		
TS856	I _{max} =2625cd/klm	I _{max}	4873cd	5	2.72	195

Power supply	Colour	3000K
350mA		1T4529
350mA		1T4533

LED / 18W / LENS / SP / CRI84

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		24°			
Fixture Power	20W	1	0.43	8958		
Source Flux	2509lm	2	0.87	2239		
Fixture Flux	1831lm	3	1.30	995		
Efficacy	91lm/W	4	1.73	560		
TS857	I _{max} =3570cd/klm	I _{max}	8958cd	5	2.17	358

Power supply	Colour	3000K
500mA		1T4541
500mA		1T4547

LED / 18W / LENS / SP / CRI97

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra97		24°			
Fixture Power	20W	1	0.43	6869		
Source Flux	1924lm	2	0.87	1717		
Fixture Flux	1404lm	3	1.30	763		
Efficacy	69lm/W	4	1.73	429		
TS857	I _{max} =3570cd/klm	I _{max}	6869cd	5	2.17	275

Power supply	Colour	3000K
500mA		1T5298
500mA		1T5299

LED / 18W / REFLECTOR / MWFL / CRI84

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		48°			
Fixture Power	20W	1	0.90	3229		
Source Flux	2509lm	2	1.80	807		
Fixture Flux	1983lm	3	2.69	359		
Efficacy	98lm/W	4	3.59	202		
TS858	I _{max} =1310cd/klm	I _{max}	3287cd	5	4.49	129

Power supply	Colour	3000K
500mA		1T4542
500mA		1T4548

LED / 18W / REFLECTOR / MWFL / CRI97



		3000K	H(m)	D(m)	Emax(lx)
		Ra97		48°	
Fixture Power	20W	1	0.90	2476	
Source Flux	1924lm	2	1.80	619	
Fixture Flux	1520lm	3	2.69	275	
Efficacy	75lm/W	4	3.59	155	
TS858	Imax=1310cd/klm	Imax	2521cd	5	4.49
				99	

Power supply	Colour	3000K
500mA		1T4552
500mA		1T4556

LED / 18W / REFLECTOR / WFL / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		60°	
Fixture Power	20W	1	1.16	2447	
Source Flux	2509lm	2	2.32	612	
Fixture Flux	2013lm	3	3.47	272	
Efficacy	100lm/W	4	4.63	153	
TS859	Imax=976cd/klm	Imax	2449cd	5	5.79
				98	

Power supply	Colour	3000K
500mA		1T4543
500mA		1T4549

LED / 18W / REFLECTOR / WFL / CRI97

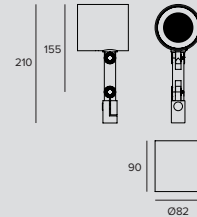


		3000K	H(m)	D(m)	Emax(lx)
		Ra97		60°	
Fixture Power	20W	1	1.16	1877	
Source Flux	1924lm	2	2.32	469	
Fixture Flux	1544lm	3	3.47	209	
Efficacy	76lm/W	4	4.63	117	
TS859	Imax=976cd/klm	Imax	1878cd	5	5.79
				75	

Power supply	Colour	3000K
500mA		1T4553
500mA		1T4557



Small short arm



LED / 3W / LENS / NSP / CRI80



		3000K	H(m)	D(m)	Emax(lx)
		Ra80		9°	
Fixture Power	5W	1	0.15	4436	
Source Flux	200lm	2	0.30	1109	
Fixture Flux	163lm	3	0.45	493	
Efficacy	31lm/W	4	0.60	277	
TS890	Imax=22178cd/klm	Imax	4436cd	5	0.75
				177	

Power supply	Colour	3000K
900mA		1T4722
900mA		1T4726

LED / 11W / LENS / SP / CRI84



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		15°	
Fixture Power	14W	1	0.27	15975	
Source Flux	1686lm	2	0.53	3994	
Fixture Flux	1261lm	3	0.80	1775	
Efficacy	93lm/W	4	1.07	998	
TS855	Imax=9475cd/klm	Imax	15975cd	5	1.33
				639	

Power supply	Colour	3000K
350mA		1T4526
350mA		1T4530




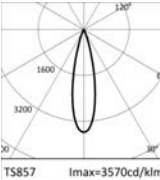


LED / 12W / LENS / FL / CRI84




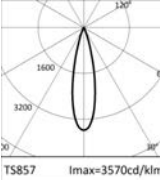







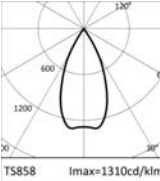


		3000K	H(m)	D(m)	Emax(lx)
		Ra84		30°	
Fixture Power	14W	1	0.54	4873	
Source Flux	1856lm	2	1.09	1218	
Fixture Flux	1328lm	3	1.63	541	
Efficacy	98lm/W	4	2.17	305	
TS856	Imax=2625cd/klm	Imax	4873cd	5	2.72
				195	




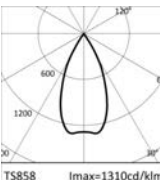


Power supply	Colour	3000K
350mA		1T4527
350mA		1T4531




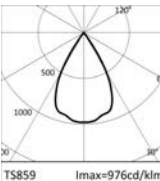


CORO




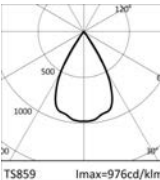


LED / 18W / LENS / SP / CRI84					  			
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra84		24°		500mA		1T4538	
	Fixture Power	20W	1	0.43	8958	500mA		1T4544
	Source Flux	2509lm	2	0.87	2239			
	Fixture Flux	1831lm	3	1.30	995			
	Efficacy	91lm/W	4	1.73	560			
TS857	I _{max} =3570cd/klm	I _{max}	8958cd	5	2.17	358		

LED / 18W / LENS / SP / CRI97					  			
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra97		24°		500mA		1T5296	
	Fixture Power	20W	1	0.43	6869	500mA		1T5297
	Source Flux	1924lm	2	0.87	1717			
	Fixture Flux	1404lm	3	1.30	763			
	Efficacy	69lm/W	4	1.73	429			
TS857	I _{max} =3570cd/klm	I _{max}	6869cd	5	2.17	275		

LED / 18W / REFLECTOR / MWFL / CRI84					  			
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra84		48°		500mA		1T4539	
	Fixture Power	20W	1	0.90	3229	500mA		1T4545
	Source Flux	2509lm	2	1.80	807			
	Fixture Flux	1983lm	3	2.69	359			
	Efficacy	98lm/W	4	3.59	202			
TS858	I _{max} =1310cd/klm	I _{max}	3287cd	5	4.49	129		

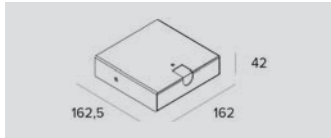
LED / 18W / REFLECTOR / MWFL / CRI97					  			
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra97		48°		500mA		1T4550	
	Fixture Power	20W	1	0.90	2476	500mA		1T4554
	Source Flux	1924lm	2	1.80	619			
	Fixture Flux	1520lm	3	2.69	275			
	Efficacy	75lm/W	4	3.59	155			
TS858	I _{max} =1310cd/klm	I _{max}	2521cd	5	4.49	99		

LED / 18W / REFLECTOR / WFL / CRI84					  			
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra84		60°		500mA		1T4540	
	Fixture Power	20W	1	1.16	2447	500mA		1T4546
	Source Flux	2509lm	2	2.32	612			
	Fixture Flux	2013lm	3	3.47	272			
	Efficacy	100lm/W	4	4.63	153			
TS859	I _{max} =976cd/klm	I _{max}	2449cd	5	5.79	98		

LED / 18W / REFLECTOR / WFL / CRI97					  			
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	3000K	
	Ra97		60°		500mA		1T4551	
	Fixture Power	20W	1	1.16	1877	500mA		1T4555
	Source Flux	1924lm	2	2.32	469			
	Fixture Flux	1544lm	3	3.47	209			
	Efficacy	76lm/W	4	4.63	117			
TS859	I _{max} =976cd/klm	I _{max}	1878cd	5	5.79	75		

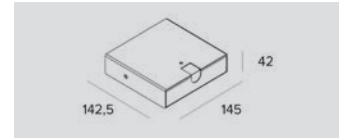
Related codes

Mounting System



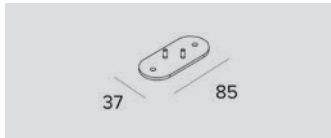
Power supply	Driving current	Driver	Colour	Code
220-240Vac	900mA	EL.	●	1T4614
220-240Vac	900mA	DALI	●	1T4615
220-240Vac	900mA	DALI (CASAMBI)	●	1T4615CA
220-240Vac	900mA	EL.	●	1T4624
220-240Vac	900mA	DALI	●	1T4625
220-240Vac	900mA	DALI (CASAMBI)	●	1T4625CA
220-240Vac	350mA	DALI (CASAMBI)	●	1T4609CA
220-240Vac	350mA	DALI (CASAMBI)	●	1T4619CA
220-240Vac	500mA	DALI (CASAMBI)	●	1T4611CA
220-240Vac	500mA	DALI (CASAMBI)	●	1T4621CA

Surface mounting base with integrated driver.



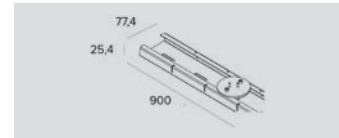
Power supply	Driving current	Driver	Colour	Code
220-240Vac	350mA	EL.	●	1T4608
220-240Vac	350mA	EL.	●	1T4618
220-240Vac	350mA	DALI	●	1T4609
220-240Vac	350mA	DALI	●	1T4619
220-240Vac	500mA	EL.	●	1T4610
220-240Vac	500mA	EL.	●	1T4620
220-240Vac	500mA	DALI	●	1T4611
220-240Vac	500mA	DALI	●	1T4621

Surface mounting base with integrated driver.



Colour	Code
●	1T4606
●	1T4607

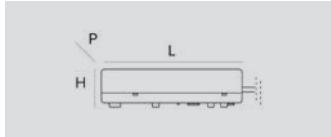
White surface mounting base.



Colour	Code
●	1T4628
●	1T4629

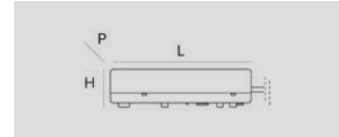
Surface mounting channel 900mm.
The channel can be cut to length at intervals of 10cm.
With three mounting bases for Coro "Small" and "Big".

Power Supply



Code
15W - 220-240V, 350mA - IP20 - 119x22x52mm 1T1757
max 50W - 220-240V, 900mA - IP20 - 160x35x83mm 1T2966
max 22W - 220-240V, 500mA - IP20 - 130x30x42mm 1T3966

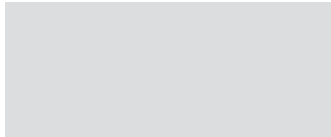
Electronic power supply
LxHxP



Code
max 15W - 110-240V, 350mA - IP20 - 119x22x52mm 1T4630
20W - 220-240V, 500mA - IP20 - 119x22x52mm 1T4631
max 50W - 110-240V, 900mA - IP20 - 160x35x83mm 1T2968

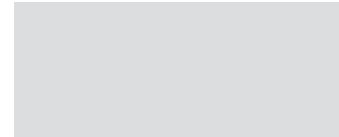
DALI electronic power supply
LxHxP

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.
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



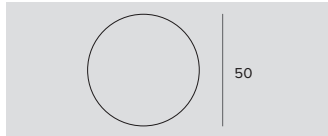
Code
1T5352

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.
It prevents any change to the management features provided by the Casambi system.

CORO

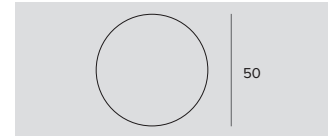
Accessories

Filter



Filter	Ø	Code
Red	50	49881
Green	50	49882
Blue	50	49886
Yellow	50	49887
Magenta	50	49959

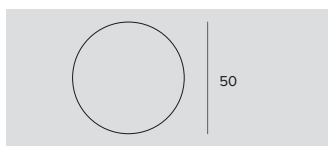
Flat glass interference chromatic filter.



Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.

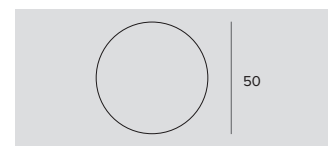
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

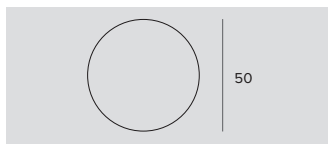
Art filter.

Flat glass interference filter to vary the colour temperature of light.



Ø	Code
50	1T4721

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

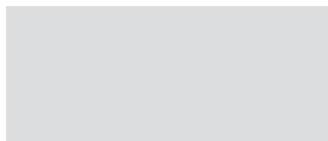


Filter	Ø	Code
Beauty	50	1T6393

Beauty filter.

Flat glass interference filter to vary the colour temperature of light.

Screen



Ø	Code
50	1T4325

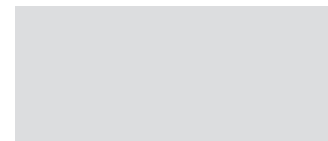
Black painted anodized diffusive aluminium asymmetric screen.

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.

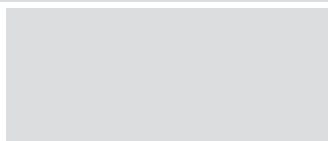
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.

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°.

Grid



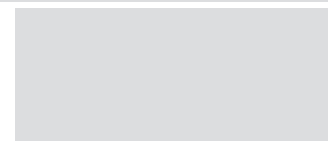
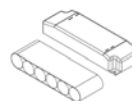
Ø	Code
50	1T4322

Anti-glare louver.

Black painted metal honeycomb structure.

Complete with holographic diffusion filter.

Emergency Kit



Code
1T3144

Emergency kit. IP20

Inverter + 3h battery pack.



**CHURCH OF
SAN LORENZO**
2016

PHOTOGRAPHER
Antonino Ciddio

COUNTRY
Vicenza - 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.





OTTO plus

01



The pole version

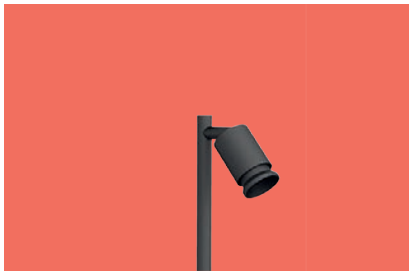
is suitable for lighting shop windows or showcases that require a controlled, modular and adjustable light.

02

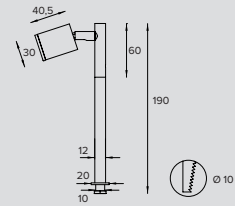


Manual focus

It works exactly like a camera lens, rotating the optical unit extends it and the beam opening changes from 14° to 34°.



Multi-Optic 1x

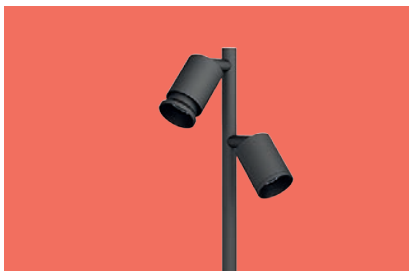


LED / 1x3W / ZOOM / SP-FL

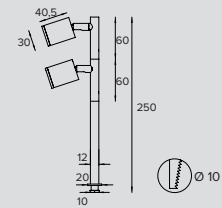
	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		14*			
	Fixture Power	5W	1	0.24	2069	
	Source Flux	370lm	2	0.49	517	
	Fixture Flux	117lm	3	0.73	230	
	Efficacy	23lm/W	4	0.98	129	
TS1039	I _{max} =5593cd/klm	I _{max}	2069cd	5	1.22	83

Power supply	Colour	3000K	4000K
1050mA	○	1T6325	1T6326
1050mA	●	1T6337	1T6338
1050mA	●	1T6349	1T6350

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		34*			
	Fixture Power	5W	1	0.62	481	
	Source Flux	370lm	2	1.23	120	
	Fixture Flux	141lm	3	1.85	53	
	Efficacy	28lm/W	4	2.46	30	
TS1040	I _{max} =1301cd/klm	I _{max}	481cd	5	3.08	19



Multi-Optic 2x



LED / 2x3W / ZOOM / SP-FL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		14*			
	Fixture Power	5W	1	0.24	2069	
	Source Flux	370lm	2	0.49	517	
	Fixture Flux	117lm	3	0.73	230	
	Efficacy	23lm/W	4	0.98	129	
TS1039	I _{max} =5593cd/klm	I _{max}	2069cd	5	1.22	83

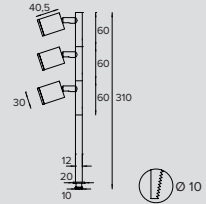
Power supply	Colour	3000K	4000K
1050mA	○	1T6327	1T6328
1050mA	●	1T6339	1T6340
1050mA	●	1T6351	1T6352

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		34*			
	Fixture Power	5W	1	0.62	481	
	Source Flux	370lm	2	1.23	120	
	Fixture Flux	141lm	3	1.85	53	
	Efficacy	28lm/W	4	2.46	30	
TS1040	I _{max} =1301cd/klm	I _{max}	481cd	5	3.08	19

OTTO



Multi-Optic 3x



LED / 3x3W / ZOOM / SP-FL 0.3 IP20 0.3m

	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra84		14°		
Fixture Power	5W	1	0.24	2069	
Source Flux	370lm	2	0.49	517	
Fixture Flux	117lm	3	0.73	230	
Efficacy	23lm/W	4	0.98	129	
TS1039 I _{max} =5593cd/klm	I _{max}	2069cd	5	1.22	83

Power supply	Colour	3000K	4000K
1050mA	○	1T6329	1T6330
1050mA	●	1T6341	1T6342
1050mA	●	1T6353	1T6354

	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra84		34°		
Fixture Power	5W	1	0.62	481	
Source Flux	370lm	2	1.23	120	
Fixture Flux	141lm	3	1.85	53	
Efficacy	28lm/W	4	2.46	30	
TS1040 I _{max} =1301cd/klm	I _{max}	481cd	5	3.08	19

Accessories

Canopy

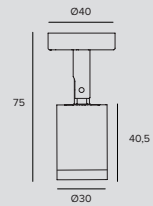


Ø	H	Colour	Code
40	18	○	1T6525
40	18	●	1T6526
40	18	●	1T6527

Canopy for electrical connection.



Ceiling



LED / 3W / ZOOM / SP-FL 0.08 IP20 0.3m

	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra84		14°		
Fixture Power	5W	1	0.24	2069	
Source Flux	370lm	2	0.49	517	
Fixture Flux	117lm	3	0.73	230	
Efficacy	23lm/W	4	0.98	129	
TS1039 I _{max} =5593cd/klm	I _{max}	2069cd	5	1.22	83

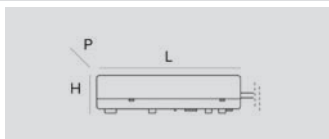
Power supply	Colour	3000K	4000K
1050mA	○	1T6331	1T6332
1050mA	●	1T6343	1T6344
1050mA	●	1T6355	1T6356

	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra84		34°		
Fixture Power	5W	1	0.62	481	
Source Flux	370lm	2	1.23	120	
Fixture Flux	141lm	3	1.85	53	
Efficacy	28lm/W	4	2.46	30	
TS1040 I _{max} =1301cd/klm	I _{max}	481cd	5	3.08	19



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.

Accessories

Canopy



Ø	H	Colour	Code
40	18	○	1T6528
40	18	●	1T6529
40	18	◐	1T6530

Canopy for electrical connection.

SYSTEMS

SYSTEMS 48V



320 OZ



336 FORTYEIGHT

SYSTEMS 230V



352 LOGICO

SYSTEMS

OZ

GENERAL INFO

POWER TRACK

Lengths: 1000mm – 2000mm – 3000mm
L, T and X linear electrical connections.

MAGNETIC LED LIGHT UNIT

25x25mm fixed
25x25mm adjustable
50x50mm 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 25x25mm.
Chip on Board for version 50x50mm.
From 224lm to 990lm
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

MAGNETIC LED LIGHT UNIT

Black or white painted die-cast aluminium.

PROFILE

Black or white painted extruded aluminium.

OZ is the new magnetic 48V system: versatile, intuitive and easy to install with which it possible to create multiple configurations using special connections and different fixing systems. Free shapes to create on the ceiling, wall and suspension with the use of a power track or with special channels that can also be recessed.

The system is fitted with magnetic LED light modules in two different also in an adjustable version.





OZ plus

01



The power track is the heart of the system.

A flat strip just 5mm wide that moves around the space on ceilings or walls carrying power up to 48V and on which it is possible to fix different light fixtures- at any point. Available in three different lengths, easily cut to size during installation.

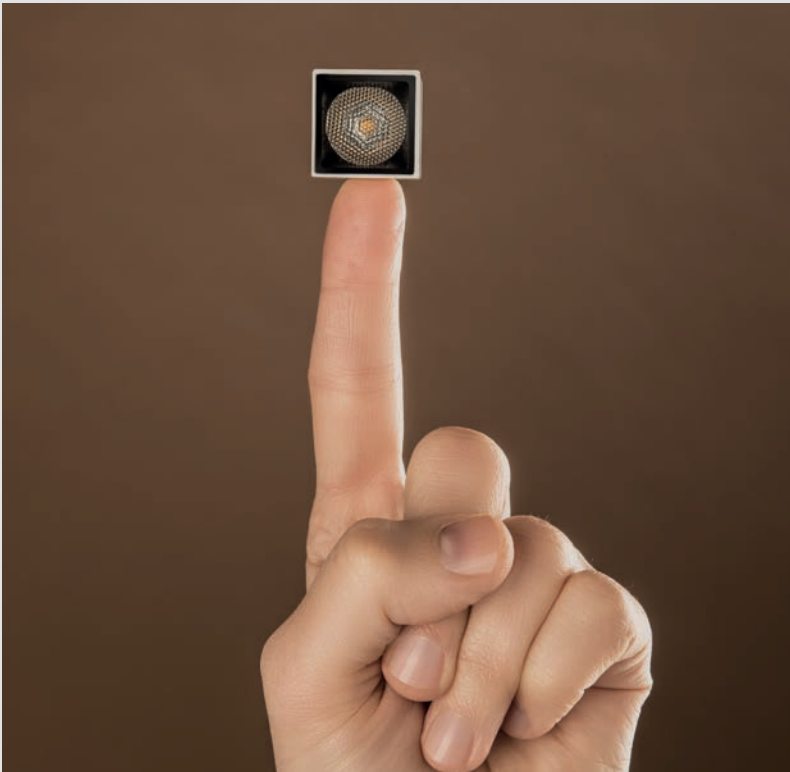
02



The light modules are available in two different sizes,

both extremely compact: 25x25x50 fixed and adjustable and 50x50x50 in the fixed version only. They can have a white body with a black cover or be completely black.

03



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.

0Z plus

04



Can be installed with a visible power track or housed within an accessory channel,

available for recessed, ceiling mounted or suspension installations.

05



The same profile for recessed installation (with flange or trimless)

Using mechanical joins and the various installation accessories infinite compositions can be created.

VS-STYLES
FINE LINE



OZ plus

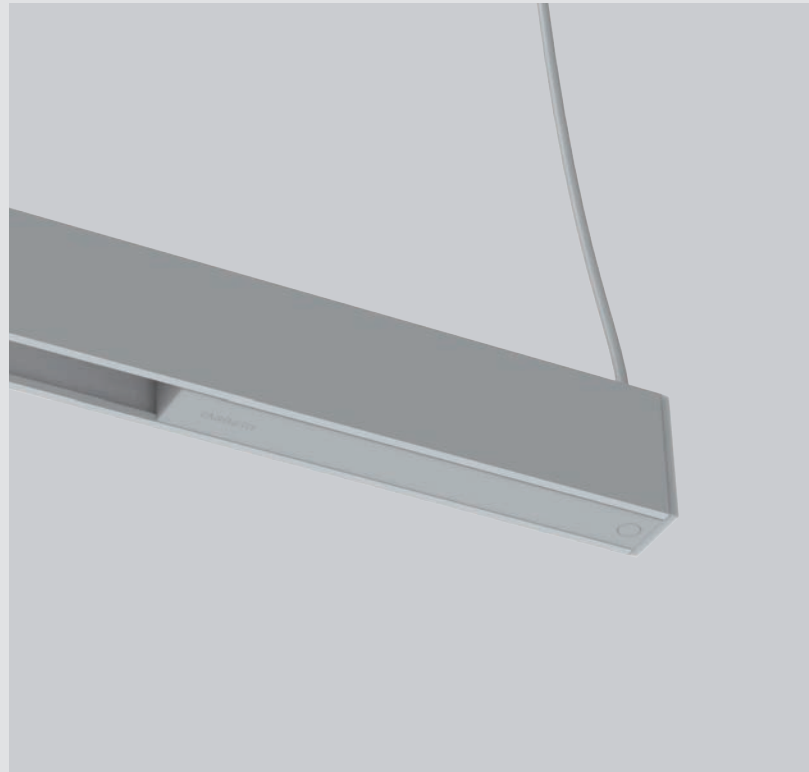
06



On request

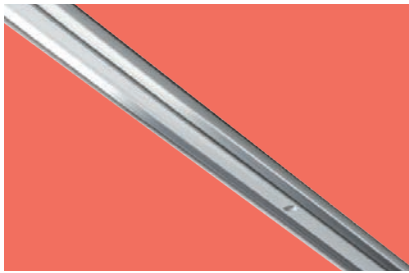
it is possible to have the cover in the desired RAL colour.

07

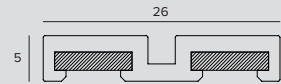


The driver box can be installed remotely or directly on the power track

at the end or in the centre of the system. The size of the box allows for installation inside the profiles at the beginning of the system.



Power Track 48Vdc



MODULES IP20

Colour	1 mt / 0,3kg	2 mt / 0,59kg	3 mt / 0,89kg
○	1T7010	1T7011	1T7012
●	1T7013	1T7014	1T7015

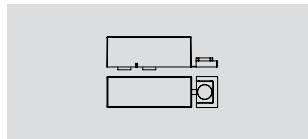
Related codes

Electrical Connector				
Colour	-	L	T	X
○	1T7016	1T7017	1T7018	1T7019
●	1T7020	1T7021	1T7022	1T7023

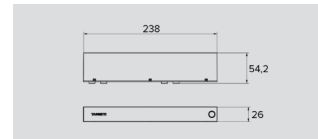
5 the maximum joints for each driver source

End Caps		
Colour		Code
○	2pz	1T7026
●	2pz	1T7027

Power head		
Colour		Code
○	Power head 71x25x27	1T7024
●	Power head 71x25x27	1T7025

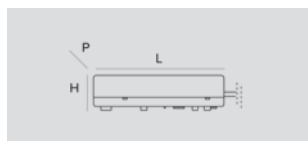


Driver on board		
Colour		Code
○	48Vdc driver box with magnetic coupling - 90W	1T7028EL
●	48Vdc driver box with magnetic coupling - 90W	1T7029EL

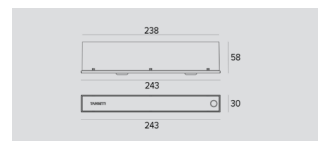


Remote power supply		
Code		
1T6917EL	Driver IP20 60W - 225x36x60 maximum distance 20m - cable 1,5mmq	
1T6916EL	Driver IP20 130W - 240x49x60 maximum distance 10m - cable 1,5mmq	
1T7403EL	Driver IP20 210W - 251x90x37 maximum distance 5m - cable 1,5mmq	

Universal power supply for Electronic and Casambi systems.



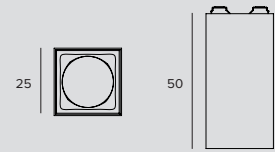
Driver box for ceiling installation		
Colour		Code
○	Driver box for ceiling installation - 90W	1T7030EL
●	Driver box for ceiling installation - 90W	1T7172EL



Tape	
BI-ADHESIVE TAPE 10 meters	1T7098



Fixed LED light Unit 25x25mm



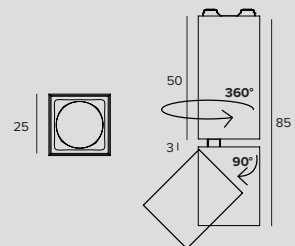
LED / 2,6W / LENSE / SP											
	3000K	H(m)	D(m)	E _{max} (lx)		Colour	Power supply	2700K	3000K	3500K	4000K
	Ra90			11°		○	EL	1T7099	1T7100	1T7101	1T7102
	Fixture Power	4W	1	0.20	3000	●	EL	1T7111	1T7112	1T7113	1T7114
	Source Flux	236lm	2	0.40	750	○	Casambi	1T7099CA	1T7100CA	1T7101CA	1T7102CA
	Fixture Flux	184lm	3	0.60	333	●	Casambi	1T7111CA	1T7112CA	1T7113CA	1T7114CA
	Efficacy	44lm/W	4	0.79	188						
TS1122	I _{max} =12713cd/klm	I _{max}	3000cd	5	0.99						

LED / 2,6W / LENSE / FL											
	3000K	H(m)	D(m)	E _{max} (lx)		Colour	Power supply	2700K	3000K	3500K	4000K
	Ra90			28°		○	EL	1T7103	1T7104	1T7105	1T7106
	Fixture Power	4W	1	0.51	596	●	EL	1T7115	1T7116	1T7117	1T7118
	Source Flux	236lm	2	1.01	149	○	Casambi	1T7103CA	1T7104CA	1T7105CA	1T7106CA
	Fixture Flux	177lm	3	1.52	66	●	Casambi	1T7115CA	1T7116CA	1T7117CA	1T7118CA
	Efficacy	42lm/W	4	2.02	37						
TS1123	I _{max} =2525cd/klm	I _{max}	596cd	5	2.53						

LED / 2,6W / LENSE / MWFL											
	3000K	H(m)	D(m)	E _{max} (lx)		Colour	Power supply	2700K	3000K	3500K	4000K
	Ra90			41°		○	EL	1T7107	1T7108	1T7109	1T7110
	Fixture Power	4W	1	0.75	307	●	EL	1T7119	1T7120	1T7121	1T7122
	Source Flux	236lm	2	1.50	77	○	Casambi	1T7107CA	1T7108CA	1T7109CA	1T7110CA
	Fixture Flux	170lm	3	2.26	34	●	Casambi	1T7119CA	1T7120CA	1T7121CA	1T7122CA
	Efficacy	41lm/W	4	3.01	19						
TS1124	I _{max} =1300cd/klm	I _{max}	307cd	5	3.76						



Adjustable LED light Unit 25x25mm



LED / 2,6W / LENTE / SP											
	3000K	H(m)	D(m)	E _{max} (lx)		Colour	Power supply	2700K	3000K	3500K	4000K
	Ra90			11°		○	EL	1T7123	1T7124	1T7125	1T7126
	Fixture Power	4W	1	0.20	3000	●	EL	1T7135	1T7136	1T7137	1T7138
	Source Flux	236lm	2	0.40	750	○	Casambi	1T7123CA	1T7124CA	1T7125CA	1T7126CA
	Fixture Flux	184lm	3	0.60	333	●	Casambi	1T7135CA	1T7136CA	1T7137CA	1T7138CA
	Efficacy	44lm/W	4	0.79	188						
TS1122	I _{max} =12713cd/klm	I _{max}	3000cd	5	0.99						

LED / 2,6W / LENSE / FL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				28°		
Fixture Power	4W	1	0.51	596		
Source Flux	236lm	2	1.01	149		
Fixture Flux	177lm	3	1.52	66		
Efficacy	42lm/W	4	2.02	37		
TS1123	I _{max} =2525cd/klm	I _{max}	596cd	5	2.53	24

Colour	Power supply	2700K	3000K	3500K	4000K
○	EL	1T7127	1T7128	1T7129	1T7130
●	EL	1T7139	1T7140	1T7141	1T7142
○	Casambi	1T7127CA	1T7128CA	1T7129CA	1T7130CA
●	Casambi	1T7139CA	1T7140CA	1T7141CA	1T7142CA

LED / 2,6W / LENSE / MWFL

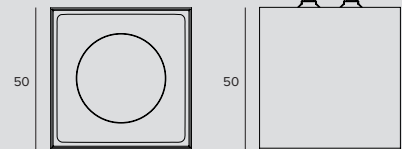


		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				41°		
Fixture Power	4W	1	0.75	307		
Source Flux	236lm	2	1.50	77		
Fixture Flux	170lm	3	2.26	34		
Efficacy	41lm/W	4	3.01	19		
TS1124	I _{max} =1300cd/klm	I _{max}	307cd	5	3.76	12

Colour	Power supply	2700K	3000K	3500K	4000K
○	EL	1T7131	1T7132	1T7133	1T7134
●	EL	1T7143	1T7144	1T7145	1T7146
○	Casambi	1T7131CA	1T7132CA	1T7133CA	1T7134CA
●	Casambi	1T7143CA	1T7144CA	1T7145CA	1T7146CA



Fixed LED light Unit 50x50mm



LED / 8,3W / REFLECTOR / SP



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				19°		
Fixture Power	10W	1	0.34	4752		
Source Flux	1028lm	2	0.68	1188		
Fixture Flux	840lm	3	1.02	528		
Efficacy	87lm/W	4	1.36	297		
TS1125	I _{max} =4623cd/klm	I _{max}	4752cd	5	1.70	190

Colour	Power supply	2700K	3000K	3500K	4000K
○	EL	1T7147	1T7148	1T7149	1T7150
●	EL	1T7159	1T7160	1T7161	1T7162
○	Casambi	1T7147CA	1T7148CA	1T7149CA	1T7150CA
●	Casambi	1T7159CA	1T7160CA	1T7161CA	1T7162CA

LED / 8,3W / REFLECTOR / FL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				27°		
Fixture Power	10W	1	0.49	2896		
Source Flux	1182lm	2	0.98	724		
Fixture Flux	884lm	3	1.47	322		
Efficacy	92lm/W	4	1.95	181		
TS1126	I _{max} =2450cd/klm	I _{max}	2896cd	5	2.44	116

Colour	Power supply	2700K	3000K	3500K	4000K
○	EL	1T7151	1T7152	1T7153	1T7154
●	EL	1T7163	1T7164	1T7165	1T7166
○	Casambi	1T7151CA	1T7152CA	1T7153CA	1T7154CA
●	Casambi	1T7163CA	1T7164CA	1T7165CA	1T7166CA

LED / 8,3W / REFLECTOR / MWFL

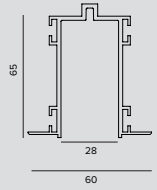


		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				37°		
Fixture Power	10W	1	0.66	2241		
Source Flux	1182lm	2	1.32	560		
Fixture Flux	974lm	3	1.98	249		
Efficacy	101lm/W	4	2.64	140		
TS1127	I _{max} =1896cd/klm	I _{max}	2241cd	5	3.31	90

Colour	Power supply	2700K	3000K	3500K	4000K
○	EL	1T7155	1T7156	1T7157	1T7158
●	EL	1T7167	1T7168	1T7169	1T7170
○	Casambi	1T7155CA	1T7156CA	1T7157CA	1T7158CA
●	Casambi	1T7167CA	1T7168CA	1T7169CA	1T7170CA



Recessed profile for 25x25mm light modules



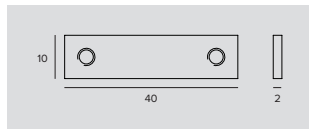
PROFILES

Recessed profiles for trimless installation or with a flange.
To be completed with Power track.

Colour	1mt /1,1kg	2mt/2,2kg	3mt/3,3kg
○	1T7031	1T7032	1T7033
●	1T7034	1T7035	1T7036

Related codes

Linear mechanical connector



Code

1T7041

L mechanical connector



Colour

○

●

Code

1T7037

1T7038

Mounting System



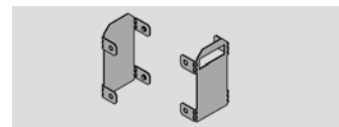
Code

1T7043

Steel bracket for recessed installation

2 pieces to be ordered for 1 m long modules, 3 pieces for 2 m long modules and 4 pieces for 3 m long modules.

End Caps



Colour

○

●

Code

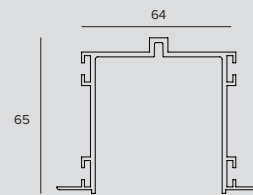
1T7039

1T7040

Kit containing 2 profile end caps.
For recessed profiles.



Recessed profile for 50x50mm light modules



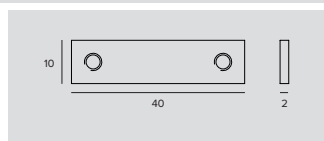
PROFILES

Recessed profiles for trimless installation or with a flange.
To be completed with Power track.

Colour	1mt /1,2kg	2mt/2,5kg	3mt/3,7kg
○	1T7067	1T7068	1T7069
●	1T7070	1T7071	1T7072

Related codes

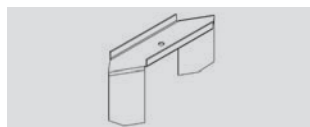
Linear mechanical connector



Code

1T7041

Mounting System



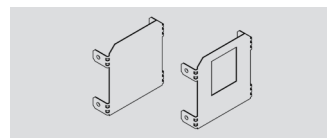
Code

1T7076

Steel bracket for recessed installation

2 pieces to be ordered for 1 m long modules, 3 pieces for 2 m long modules and 4 pieces for 3 m long modules.

End Caps



Colour

○

●

Code

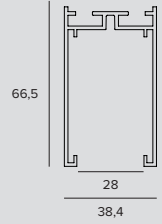
1T7073

1T7074

Kit containing 2 profile end caps.
For recessed profiles.



Ceiling/suspension installation profile for 25x25mm light modules



PROFILES

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 will need to order two head modules.
 To be complete with Power Track.

Head or stand alone module

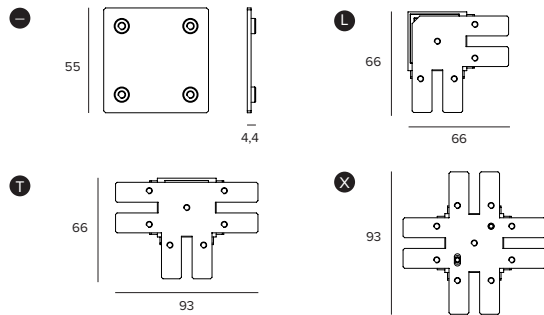
Colour	1015mm /0,8kg	2015mm /1,7kg	3015mm /2,6kg
○	1T7050	1T7051	1T7052
●	1T7053	1T7054	1T7055

Central or end module

Colour	1000mm /0,8kg	2000mm /1,7kg	3000mm /2,6kg
○	1T7044	1T7045	1T7046
●	1T7047	1T7048	1T7049

Related codes

Mechanical connector



Colour	-	L	T	X
○	1T7064	1T7056	1T7057	1T7058
●	1T7097	1T7059	1T7060	1T7061

End Caps



Colour	Code
○	1T7062
●	1T7063

Kit containing 2 profile end caps.
 For small ceiling/suspension mounted profiles.

Mounting System



Code
1T7065

Ceiling installation kit.

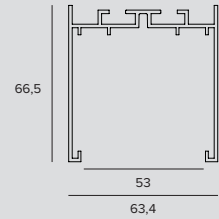


Code
1T7066

Suspension installation kit - 2000mm



Ceiling/suspension installation profile for 50x50mm light modules



PROFILES

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 will need to order two head modules.
 To be complete with Power Track.

Head or stand alone module

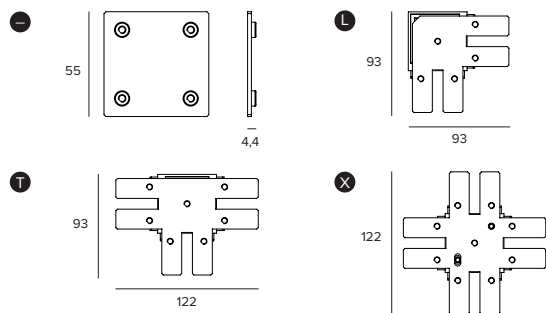
Colour	1mt /1,0kg	2mt /2,1kg	3mt /3,1kg
○	1T7083	1T7084	1T7085
●	1T7086	1T7087	1T7088

Central or end module

Colour	1mt /1,0kg	2mt /2,1kg	3mt /3,1kg
○	1T7077	1T7078	1T7079
●	1T7080	1T7081	1T7082

Related codes

Mechanical connector



Colour	-	L	T	X
○	1T7064	1T7089	1T7090	1T7091
●	1T7097	1T7092	1T7093	1T7094

End Caps



Colour	Code
○	1T7095
●	1T7096

Kit containing 2 profile end caps.
 For large ceiling/suspension mounted profiles.

Mounting System



Code
1T7065

Ceiling installation kit.

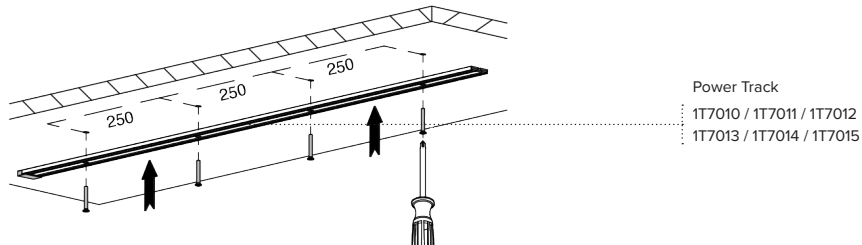
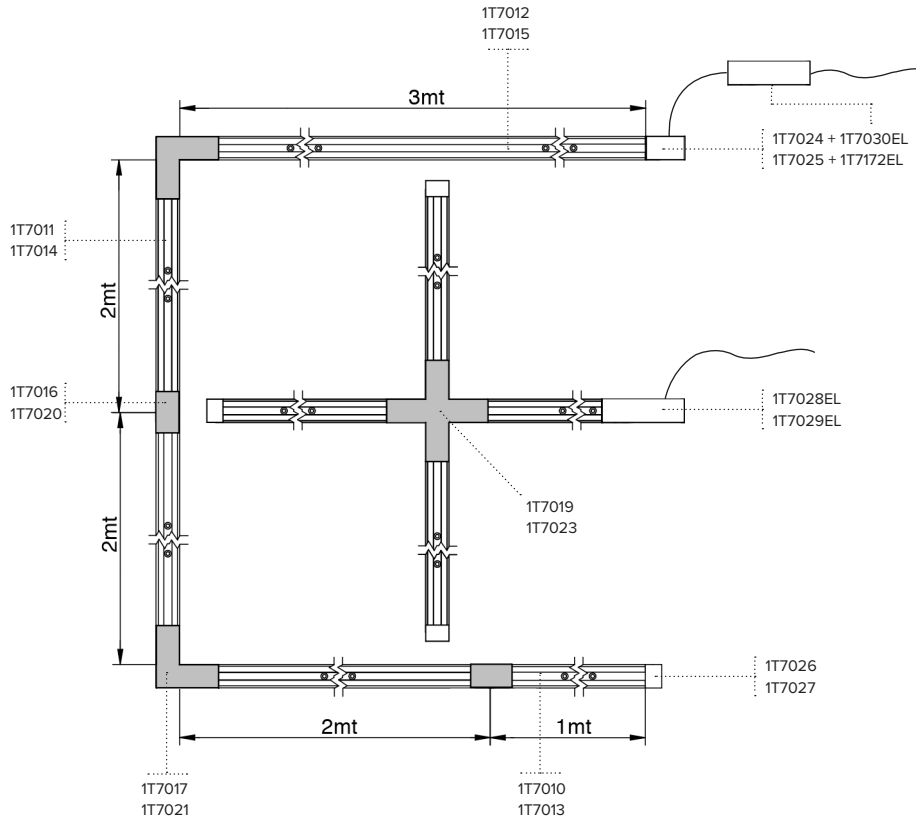


Code
1T7066

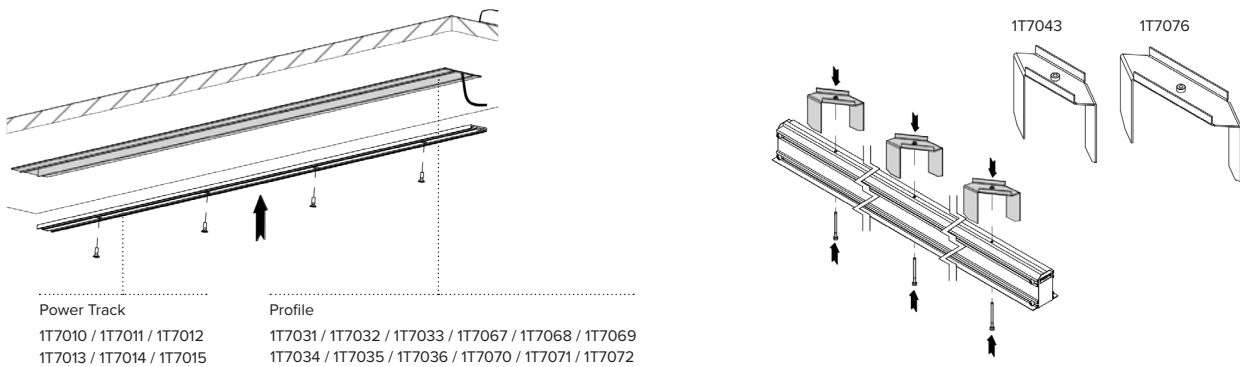
Suspension installation kit - 2000mm

0Z

CEILING INSTALLATION Power Track

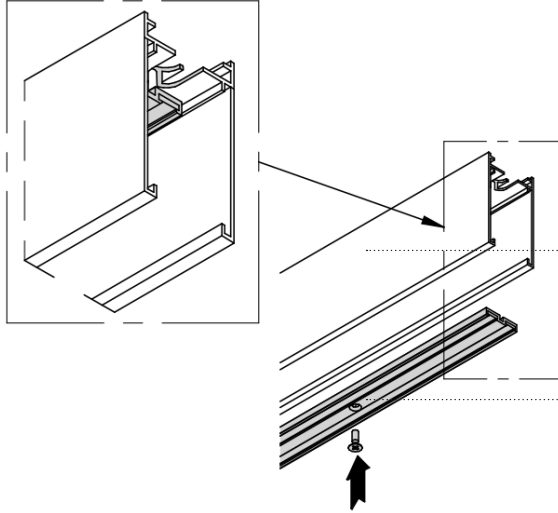


RECESSED INSTALLATION Power Track + Profile



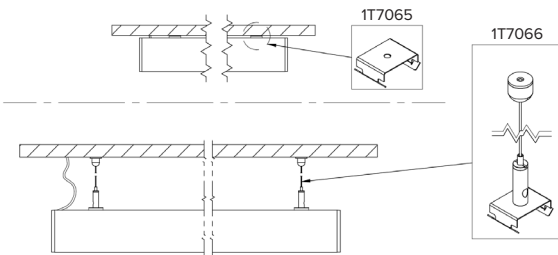
CEILING / SUSPENSION INSTALLATION

Power Track + Profile

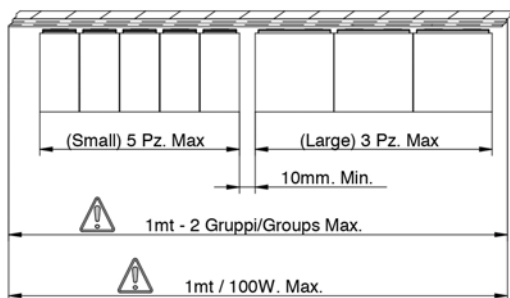


Profile
 1T7050 / 1T7051 / 1T7052 / 1T7044 / 1T7045 / 1T7046
 1T7053 / 1T7054 / 1T7055 / 1T7047 / 1T7048 / 1T7049
 1T7083 / 1T7084 / 1T7085 / 1T7077 / 1T7078 / 1T7079
 1T7086 / 1T7087 / 1T7088 / 1T7080 / 1T7081 / 1T7082

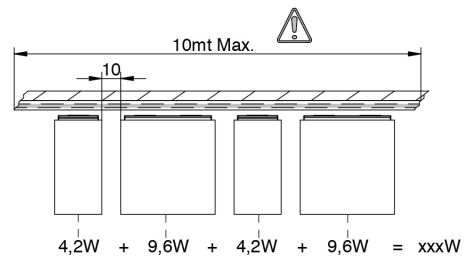
Power Track
 1T7010 / 1T7011 / 1T7012
 1T7013 / 1T7014 / 1T7015



Installation constraints



Small max 20pcs/mt
 Large max 10pcs/mt



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

LABEL: LED Chip on board Ra90
From 748lm 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

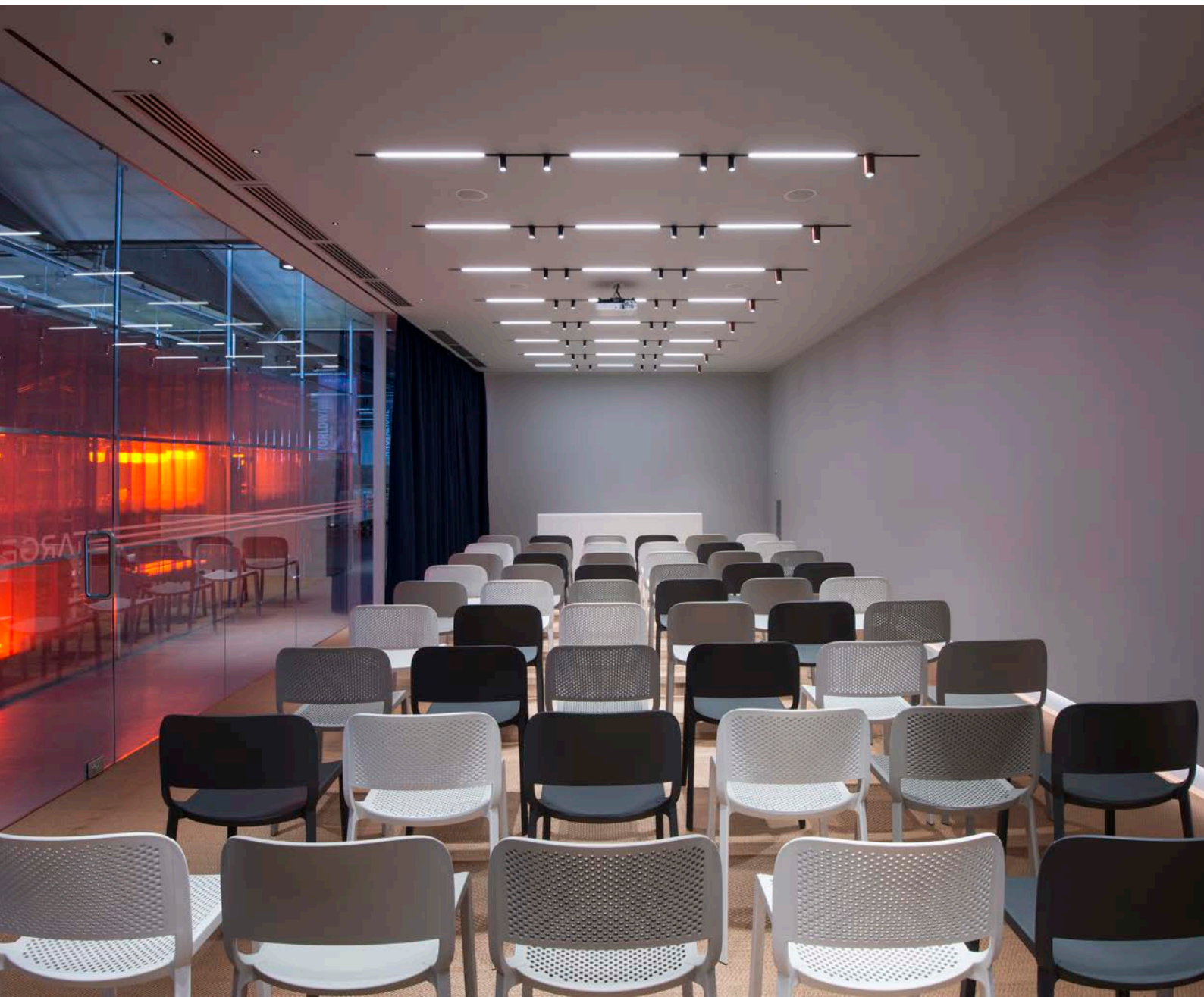
LABEL: Painted extruded aluminium body.
LOGICO 30: Painted extruded aluminium body

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 magnetic 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.





TH01
2018

ARCHITECT
DEFERRARI+MODESTI

PHOTOGRAPHER
Officine Fotografiche

COUNTRY
Florence - Italy

FORTYEIGHT plus

01



The system can be configured in various ways on plan

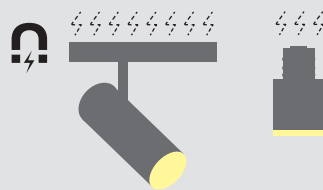
thanks to the use of linear joints and the new corner joints that make it possible to create closed and open loops.

02



Magnetic fixing system

without the use of tools to attach fixtures at any point on the system.





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.

FORTYEIGHT plus

LOGICO 30

04



Linear modules complete with opaline screens

for a soft and diffused lighting effect equipped with LED 3000K and 4000K sources with Ra90.

05



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.

LABEL 48V

06



48V projectors available in two sizes,

specially designed for applications in the retail, interior and hospitality fields. Minimal, simple shapes with a remote power supply to reduce visual impact to the minimum.

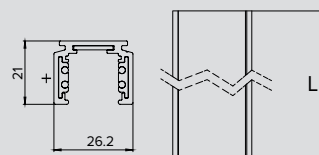
Available with three different beam openings,

SP, FL and MWFL all with aluminium reflectors to ensure soft gradient tones even for the narrower beams; the source is set back from the profile for maximum visual comfort.

FORTYEIGHT



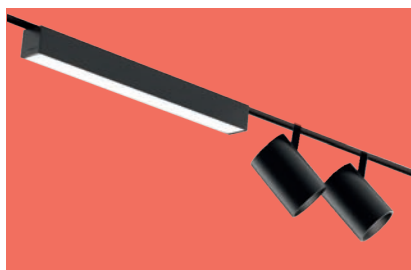
Track



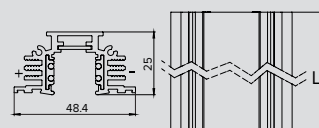
STANDARD



Color	1000mm/0,7Kg	2000mm/1,4Kg	3000mm/2,1Kg
●	9500-1/B-ST1	9500-2/B-ST1	9500-3/B-ST1
○	9500-1/W2-ST1	9500-2/W2-ST1	9500-3/W2-ST1



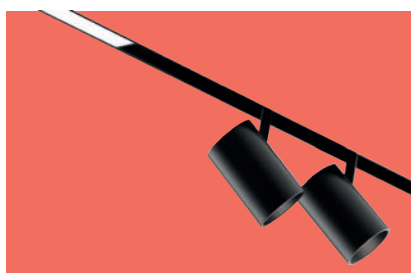
Track



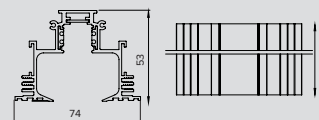
TRIMLESS



Color	1000mm/1,1Kg	2000mm/2,2Kg	3000mm/3,4Kg
●	9500-1/B-ST3	9500-2/B-ST3	9500-3/B-ST3
○	9500-1/W2-ST3	9500-2/W2-ST3	9500-3/W2-ST3



Track



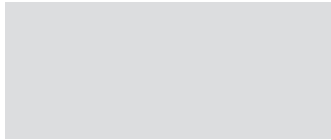
TRIMLESS DEEP



Color	1000mm/1,6Kg	2000mm/3,2Kg	3000mm/4,8Kg
●	9500-1/B-TA1	9500-2/B-TA1	9500-3/B-TA1
○	9500-1/W2-TA1	9500-2/W2-TA1	9500-3/W2-TA1

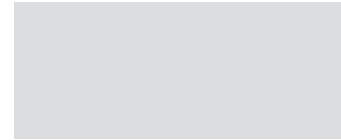
Related codes

End Caps



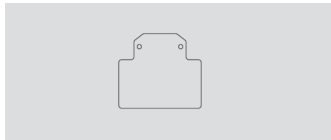
Colour	Code
<input type="radio"/>	9504/ST1-W2
<input type="radio"/>	9504/ST1-B

End cap for Standard track.
1X



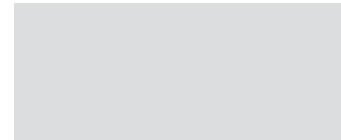
Colour	Code
<input type="radio"/>	9504/ST3-W2
<input type="radio"/>	9504/ST3-B

End cap for Trimless track.
1X



Colour	Code
<input type="radio"/>	1T7171
<input type="radio"/>	1T6801

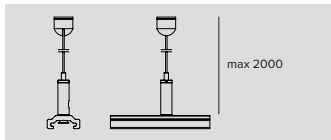
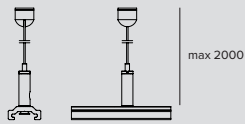
End cap for Trimless Deep track.
2X



Colour	Code
<input type="radio"/>	9504/ST1-W2-F
<input type="radio"/>	9504/ST1-B-F

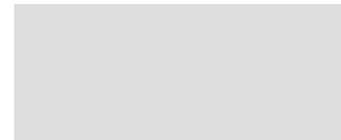
End cap for Standard track with a cable feedthrough hole.
1X

Mounting System



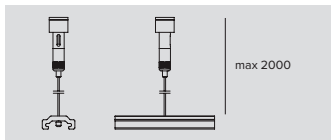
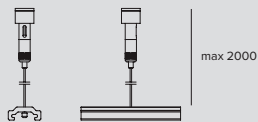
Colour	Code
<input type="radio"/>	1T6802
<input type="radio"/>	1T6804

Suspension kit with ABS control over the fixture.



Colour	Code
<input type="radio"/>	S-9500/315

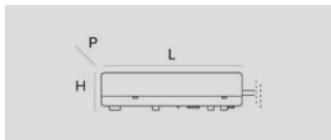
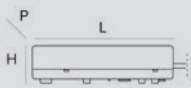
Bracket for trimless applications.
For every metre of track 4 brackets must be used, 2 for each side.



Colour	Code
<input type="radio"/>	1T6803
<input type="radio"/>	1T6805

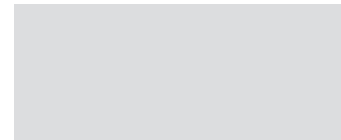
Suspension kit with ceiling adjustment.

Power Supply



Code
Driver 48Vdc 60W EL -225x36x60mm - IP20 1T6917EL
Driver 48Vdc 130W EL -240x49x60mm - IP20 1T6916EL

Universal power supply for Electronic, DALI and Casambi systems.



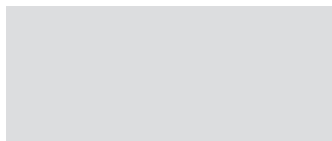
Colour	Code
<input type="radio"/>	9501/W2
<input type="radio"/>	9501/B

Power head unpolarised.

FORTYEIGHT

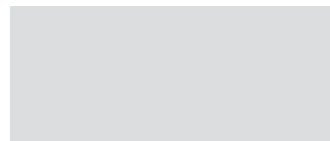
Accessories

Electric joint



Colour	Code
○	9511/W2
●	9511/B

Unpolarised L joint.

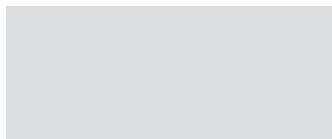


Colour	Code
○	9503/W2
●	9503/B

Unpolarised through joint.

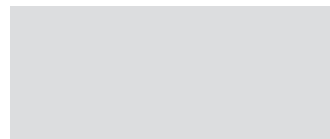
For L joints the tracks must first be cut to 45° and accessorised with a special reinforcement bracket code S-9511/316-LA.

Mounting System



Colour	Code
●	S-9511/316-LA

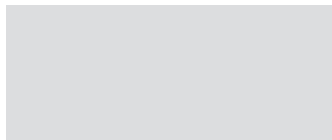
Reinforcement bracket for L joint.



Colour	Code
○	S-9500/314-W2
●	S-9500/314-B

Reinforcement bracket for direct coupling for trimless applications.

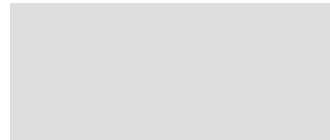
Tool



Code
S-9000/T

Tool for shearing conductors, to be used if necessary to cut the track during installation.

Control systems

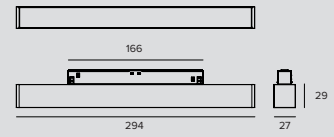


Code
1T5349

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



Logico 30 L.294mm



LED / 6W / OPAL

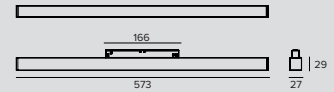


	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		107°			
	Fixture Power	7W	1	2.70	177	
	Source Flux	750lm	2	5.41	44	
	Fixture Flux	467lm	3	8.11	20	
	Efficacy	67lm/W	4	10.81	11	
	TS1075	Imax=237cd/klm	Imax	177cd	5	13.52

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	1T6619EL	1T6620EL
48Vdc	EL.	●	1T6621EL	1T6622EL
48Vdc	DALI	○	1T6619DA	1T6620DA
48Vdc	DALI	●	1T6621DA	1T6622DA



Logico 30 L.573mm



LED / 12W / OPAL

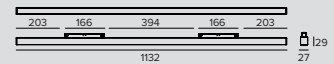


	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		107°			
	Fixture Power	13W	1	2.70	355	
	Source Flux	1500lm	2	5.41	89	
	Fixture Flux	934lm	3	8.11	39	
	Efficacy	72lm/W	4	10.81	22	
	TS1075	Imax=237cd/klm	Imax	355cd	5	13.52

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	1T6623EL	1T6624EL
48Vdc	EL.	●	1T6625EL	1T6626EL
48Vdc	DALI	○	1T6623DA	1T6624DA
48Vdc	DALI	●	1T6625DA	1T6626DA



Logico 30 L.1132mm



LED / 24W / OPAL



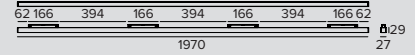
	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		107°			
	Fixture Power	26W	1	2.70	710	
	Source Flux	3000lm	2	5.41	177	
	Fixture Flux	1868lm	3	8.11	79	
	Efficacy	72lm/W	4	10.81	44	
	TS1075	Imax=237cd/klm	Imax	710cd	5	13.52

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	1T6627EL	1T6628EL
48Vdc	EL.	●	1T6629EL	1T6630EL
48Vdc	DALI	○	1T6627DA	1T6628DA
48Vdc	DALI	●	1T6629DA	1T6630DA

FORTYEIGHT



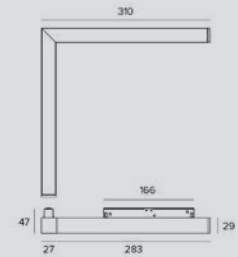
Logico 30 L.1970mm



LED / 42W / OPAL										
	3000K		H(m)	D(m)	Emax(lx)	Power supply	Version	Colour	3000K	4000K
		Ra90			107*		48Vdc	EL.	○	1T6631EL
	Fixture Power	46W	1	2.70	1242	48Vdc	EL.	●	1T6633EL	1T6634EL
	Source Flux	5250lm	2	5.41	311	48Vdc	DALI	○	1T6631DA	1T6632DA
	Fixture Flux	3269lm	3	8.11	138	48Vdc	DALI	●	1T6633DA	1T6634DA
	Efficacy	71lm/W	4	10.81	78					
TS1075	Imax=237cd/klm	Imax	1242cd	5	13.52					



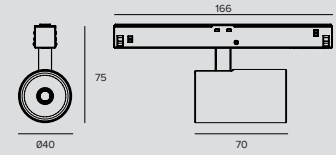
Logico 30 L module



LED / 12W / OPAL										
	3000K		H(m)	D(m)	Emax(lx)	Power supply	Version	Colour	3000K	4000K
		Ra90			107*		48Vdc	EL.	○	1T6635EL
	Fixture Power	13W	1	2.70	355	48Vdc	DALI	●	1T6637DA	1T6638DA
	Source Flux	1500lm	2	5.41	89	48Vdc	DALI	○	1T6635DA	1T6636DA
	Fixture Flux	934lm	3	8.11	39	48Vdc	EL.	●	1T6637EL	1T6638EL
	Efficacy	72lm/W	4	10.81	22					
TS1075	Imax=237cd/klm	Imax	355cd	5	13.52					



LABEL 4 48V short arm



LED / 6W / REFLECTEUR / SP



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		18°			
	Fixture Power	8W	1	0.31	3377	
	Source Flux	787lm	2	0.62	844	
	Fixture Flux	498lm	3	0.93	375	
	Efficacy	63lm/W	4	1.24	211	
TS1072	I _{max} =4291cd/klm	I _{max}	3377cd	5	1.55	135

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6657EL	1T6658EL	1T6659EL
48Vdc	EL.	●	1T6660EL	1T6661EL	1T6662EL
48Vdc	DALI	○	1T6657DA	1T6658DA	1T6659DA
48Vdc	DALI	●	1T6660DA	1T6661DA	1T6662DA

LED / 6W / REFLECTEUR / FL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		27°			
	Fixture Power	7W	1	0.48	2757	
	Source Flux	973lm	2	0.95	689	
	Fixture Flux	694lm	3	1.43	306	
	Efficacy	102lm/W	4	1.91	172	
TS1073	I _{max} =2834cd/klm	I _{max}	2757cd	5	2.38	110

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6663EL	1T6664EL	1T6665EL
48Vdc	EL.	●	1T6666EL	1T6667EL	1T6668EL
48Vdc	DALI	○	1T6663DA	1T6664DA	1T6665DA
48Vdc	DALI	●	1T6666DA	1T6667DA	1T6668DA

LED / 6W / REFLECTEUR / MWFL

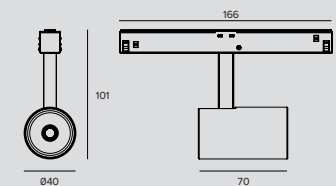


	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		42°			
	Fixture Power	7W	1	0.76	1578	
	Source Flux	973lm	2	1.52	394	
	Fixture Flux	719lm	3	2.28	175	
	Efficacy	106lm/W	4	3.04	99	
TS1074	I _{max} =1622cd/klm	I _{max}	1578cd	5	3.80	63

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6669EL	1T6670EL	1T6671EL
48Vdc	EL.	●	1T6672EL	1T6673EL	1T6674EL
48Vdc	DALI	○	1T6669DA	1T6670DA	1T6671DA
48Vdc	DALI	●	1T6672DA	1T6673DA	1T6674DA



LABEL 4 48V long arm



LED / 6W / REFLECTEUR / SP



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		18°			
	Fixture Power	8W	1	0.31	3377	
	Source Flux	787lm	2	0.62	844	
	Fixture Flux	498lm	3	0.93	375	
	Efficacy	63lm/W	4	1.24	211	
TS1072	I _{max} =4291cd/klm	I _{max}	3377cd	5	1.55	135

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6711EL	1T6712EL	1T6713EL
48Vdc	EL.	●	1T6714EL	1T6715EL	1T6716EL
48Vdc	DALI	○	1T6711DA	1T6712DA	1T6713DA
48Vdc	DALI	●	1T6714DA	1T6715DA	1T6716DA

FORTYEIGHT

LED / 6W / REFLECTEUR / FL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra90				27°	
Fixture Power	7W	1	0.48	2757	
Source Flux	973lm	2	0.95	689	
Fixture Flux	694lm	3	1.43	306	
Efficacy	102lm/W	4	1.91	172	
TS1073	I _{max} =2834cd/klm	I _{max}	2757cd	5	2.38

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6717EL	1T6718EL	1T6719EL
48Vdc	EL.	●	1T6720EL	1T6721EL	1T6722EL
48Vdc	DALI	○	1T6717DA	1T6718DA	1T6719DA
48Vdc	DALI	●	1T6720DA	1T6721DA	1T6722DA

LED / 6W / REFLECTEUR / MWFL

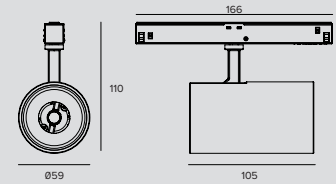


		3000K	H(m)	D(m)	E _{max} (lx)
Ra90				42°	
Fixture Power	7W	1	0.76	1578	
Source Flux	973lm	2	1.52	394	
Fixture Flux	719lm	3	2.28	175	
Efficacy	106lm/W	4	3.04	99	
TS1074	I _{max} =1622cd/klm	I _{max}	1578cd	5	3.80

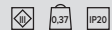
Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6723EL	1T6724EL	1T6725EL
48Vdc	EL.	●	1T6726EL	1T6727EL	1T6728EL
48Vdc	DALI	○	1T6723DA	1T6724DA	1T6725DA
48Vdc	DALI	●	1T6726DA	1T6727DA	1T6728DA



LABEL 6 48V
short arm



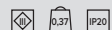
LED / 14W / REFLECTEUR / SP



		3000K	H(m)	D(m)	E _{max} (lx)
Ra90				16°	
Fixture Power	15W	1	0.28	10741	
Source Flux	1793lm	2	0.55	2685	
Fixture Flux	1316lm	3	0.83	1193	
Efficacy	91lm/W	4	1.11	671	
TS1068	I _{max} =5990cd/klm	I _{max}	10741cd	5	1.39

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6675EL	1T6676EL	1T6677EL
48Vdc	EL.	●	1T6678EL	1T6679EL	1T6680EL
48Vdc	DALI	○	1T6675DA	1T6676DA	1T6677DA
48Vdc	DALI	●	1T6678DA	1T6679DA	1T6680DA

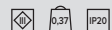
LED / 14W / REFLECTEUR / FL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra90				31°	
Fixture Power	15W	1	0.56	4410	
Source Flux	1793lm	2	1.12	1102	
Fixture Flux	1386lm	3	1.67	490	
Efficacy	96lm/W	4	2.23	276	
TS1069	I _{max} =2460cd/klm	I _{max}	4410cd	5	2.79

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6681EL	1T6682EL	1T6683EL
48Vdc	EL.	●	1T6684EL	1T6685EL	1T6686EL
48Vdc	DALI	○	1T6681DA	1T6682DA	1T6683DA
48Vdc	DALI	●	1T6684DA	1T6685DA	1T6686DA

LED / 14W / REFLECTEUR / MWFL

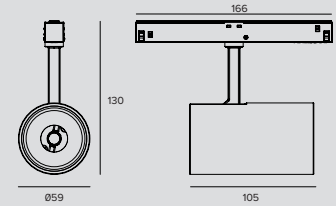


		3000K	H(m)	D(m)	E _{max} (lx)
Ra90				48°	
Fixture Power	15W	1	0.88	2457	
Source Flux	1793lm	2	1.77	614	
Fixture Flux	1373lm	3	2.65	273	
Efficacy	95lm/W	4	3.53	154	
TS1070	I _{max} =1378cd/klm	I _{max}	2471cd	5	4.41

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6687EL	1T6688EL	1T6689EL
48Vdc	EL.	●	1T6690EL	1T6691EL	1T6692EL
48Vdc	DALI	○	1T6687DA	1T6688DA	1T6689DA
48Vdc	DALI	●	1T6690DA	1T6691DA	1T6692DA



LABEL 6 48V long arm



LED / 14W / REFLECTEUR / SP



		3000K	H(m)	D(m)	Emax(lx)	
Ra90				16°		
Fixture Power	15W	1	0.28	10741		
Source Flux	1793lm	2	0.55	2685		
Fixture Flux	1316lm	3	0.83	1193		
Efficacy	91lm/W	4	1.11	671		
TS1068	Imax=5990cd/klm	Imax	10741cd	5	1.39	430

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6729EL	1T6730EL	1T6731EL
48Vdc	EL.	●	1T6732EL	1T6733EL	1T6734EL
48Vdc	DALI	○	1T6729DA	1T6730DA	1T6731DA
48Vdc	DALI	●	1T6732DA	1T6733DA	1T6734DA

LED / 14W / REFLECTEUR / FL



		3000K	H(m)	D(m)	Emax(lx)	
Ra90				31°		
Fixture Power	15W	1	0.56	4410		
Source Flux	1793lm	2	1.12	1102		
Fixture Flux	1386lm	3	1.67	490		
Efficacy	96lm/W	4	2.23	276		
TS1069	Imax=2460cd/klm	Imax	4410cd	5	2.79	176

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6735EL	1T6736EL	1T6737EL
48Vdc	EL.	●	1T6738EL	1T6739EL	1T6740EL
48Vdc	DALI	○	1T6735DA	1T6736DA	1T6737DA
48Vdc	DALI	●	1T6738DA	1T6739DA	1T6740DA

LED / 14W / REFLECTEUR / MWFL



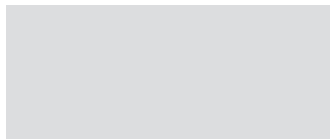
		3000K	H(m)	D(m)	Emax(lx)	
Ra90				48°		
Fixture Power	15W	1	0.88	2457		
Source Flux	1793lm	2	1.77	614		
Fixture Flux	1373lm	3	2.65	273		
Efficacy	95lm/W	4	3.53	154		
TS1070	Imax=1378cd/klm	Imax	2471cd	5	4.41	98

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	1T6741EL	1T6742EL	1T6743EL
48Vdc	EL.	●	1T6744EL	1T6745EL	1T6746EL
48Vdc	DALI	○	1T6741DA	1T6742DA	1T6743DA
48Vdc	DALI	●	1T6744DA	1T6745DA	1T6746DA

FORTYEIGHT

Accessories for LABEL 4

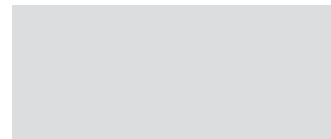
Filter



Filter	Ø	Code
Halogen +	34	1T6926
Vivid +	34	1T6927

Art filter.

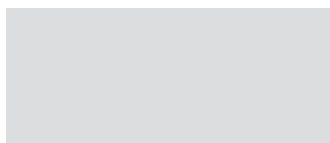
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Meat	34	1T6922
Fish	34	1T6923
Bread	34	1T6924
Vegetable	34	1T6925

Food filter.

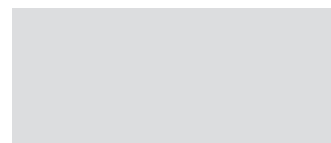
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	34	1T6928

Beauty filter.

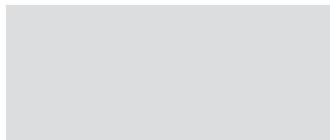
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
	34	1T6931

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

Grid



Grid	Ø	Code
	34	1T6930

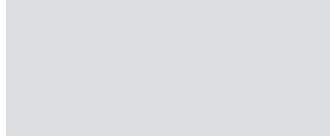
Anti-glare louver.

Black painted metal honeycomb structure.

Complete with holographic diffusion filter.

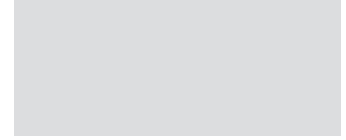
Accessories for LABEL 6

Filter



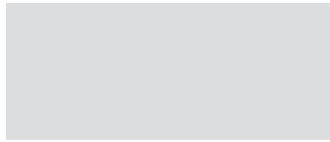
Filter	Ø	Code
Halogen +	50	1T6381
Vivid +	50	1T6383

Art filter.
Flat glass interference filter to vary the colour temperature of light.



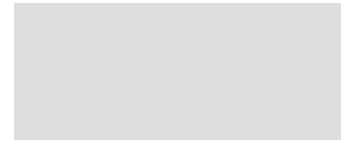
Filter	Ø	Code
Meat	50	1T6385
Fish	50	1T6387
Bread	50	1T6389
Vegetable	50	1T6391

Food filter.
Flat glass interference filter to vary the colour temperature of light.



Filter	Ø	Code
Beauty	50	1T6393

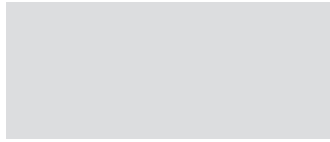
Beauty filter.
Flat glass interference filter to vary the colour temperature of light.



Ø	Code
50	1T4721

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

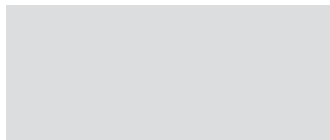
Screen



Ø	Code
50	1T6521

Protective screen.

Grid



Ø	Code
50	1T4322

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:

562mm – 1122mm – 1682mm – 3364mm

LED

Linear Board LED Engine

From 260lm to 28960lm/m

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 equipped with special accessories.

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.

Using special accessories it can be ceiling or suspension mounted, it comes only with direct or direct/indirect light emission. The direct light component can be diffused or controlled with $UGR < 19$ which is suitable for lighting work spaces or with a wall washer optic for lighting large vertical surfaces. Also available in a recessed or semi-recessed version (with or without flange), for both ceiling and wall installation as well as a in a stand-alone version.





ZONAMERICA 2018

ARCHITECT
Estudio Dovat Arquitectos

LIGHTING DESIGN
Estudio Hofstadter

PHOTOGRAPHER
Ferrés - Cánepa

COUNTRY
Montevideo - Uruguay

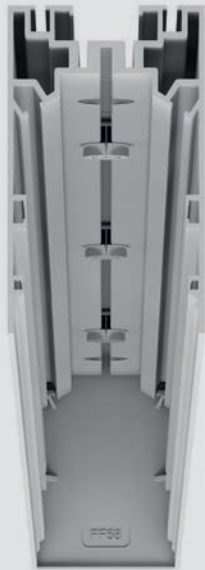


Three different optical systems

- 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.



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.

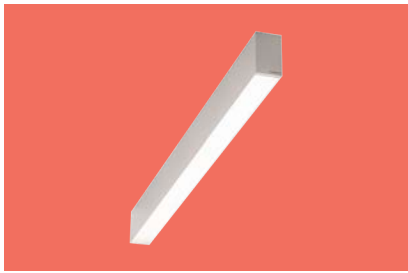
This particular fastening system means that the fixture can also be wall mounted.

03

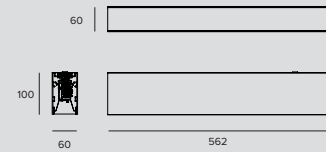


Recessed version with or without a flange

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.



System Ceiling/ Suspension linear module L. 562mm



LED / 12W / DOWN OPAL																																													
					Driver	Colour	3000K	4000K																																					
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LED / 24W / DOWN OPAL																																													
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LED / 8W / DOWN UGR																																													
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LED / 12W / DOWN WW																																																		
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3000K	H(m)	D1(m)	D2(m)	Emax(lx)																																														
Ra84		97°	101°																																															
Fixture Power	14W	1	2.28	2.55	1400																																													
Source Flux	1740lm	2	4.56	5.10	350																																													
Fixture Flux	1369lm	3	6.84	7.64	156																																													
Efficacy	98lm/W	4	9.12	10.19	88																																													
TS993	Imax=1001cd/klm	Imax	1743cd	5	11.40	12.74	56																																											
					EL.	●	1T6839EL	1T6840EL																																										
					EL.	●	1T6841EL	1T6842EL																																										
					DALI	○	1T6837DA	1T6838DA																																										
					DALI	●	1T6839DA	1T6840DA																																										
					DALI	●	1T6841DA	1T6842DA																																										

LED / 24W / DOWN WW																																																		
					Driver	Colour	3000K	4000K																																										
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3000K	H(m)	D1(m)	D2(m)	Emax(lx)																																														
Ra84		97°	101°																																															
Fixture Power	27W	1	2.28	2.55	2768																																													
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					EL.	●	1T6845EL	1T6846EL																																										
					EL.	●	1T6847EL	1T6848EL																																										
					DALI	○	1T6843DA	1T6844DA																																										
					DALI	●	1T6845DA	1T6846DA																																										
					DALI	●	1T6847DA	1T6848DA																																										

LED / 18W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
Ra84				106°	
Fixture Power	20W	1	2.66	387	
Source Flux	2610lm	2	5.33	97	
Fixture Flux	1773lm	3	7.99	43	
Efficacy	89lm/W	4	10.65	24	
TS994	I _{max} =148cd/klm	I _{max}	387cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T6039EL	1T6040EL
EL.	●	1T6043EL	1T6044EL
EL.	●	1T6047EL	1T6048EL
DALI	○	1T6039DA	1T6040DA
DALI	●	1T6043DA	1T6044DA
DALI	●	1T6047DA	1T6048DA

LED / 30W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
Ra84				106°	
Fixture Power	34W	1	2.66	810	
Source Flux	4310lm	2	5.33	203	
Fixture Flux	2930lm	3	7.99	90	
Efficacy	86lm/W	4	10.65	51	
TS998	I _{max} =188cd/klm	I _{max}	810cd	5	13.32

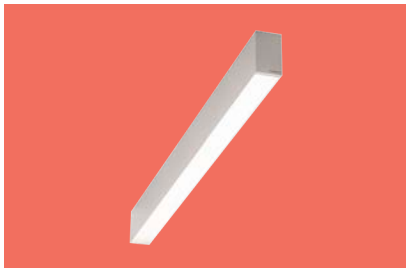
Driver	Colour	3000K	4000K
EL.	○	1T6041EL	1T6042EL
EL.	●	1T6045EL	1T6046EL
EL.	●	1T6049EL	1T6050EL
DALI	○	1T6041DA	1T6042DA
DALI	●	1T6045DA	1T6046DA
DALI	●	1T6049DA	1T6050DA

LED / 12W / UP-DOWN UGR

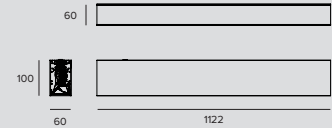


		3000K	H(m)	D(m)	Emax(lx)
Ra84				74°	
Fixture Power	14W	1	1.51	477	
Source Flux	1890lm	2	3.02	119	
Fixture Flux	1248lm	3	4.52	53	
Efficacy	89lm/W	4	6.03	30	
TS995	I _{max} =252cd/klm	I _{max}	477cd	5	7.54

Driver	Colour	3000K	4000K
EL.	○	1T6831EL	1T6832EL
EL.	●	1T6833EL	1T6834EL
EL.	●	1T6835EL	1T6836EL
DALI	○	1T6831DA	1T6832DA
DALI	●	1T6833DA	1T6834DA
DALI	●	1T6835DA	1T6836DA



**System Ceiling/
Suspension
linear module L. 1122mm**



LED / 24W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
Ra84				106°	
Fixture Power	27W	1	2.66	903	
Source Flux	3480lm	2	5.33	226	
Fixture Flux	2370lm	3	7.99	100	
Efficacy	88lm/W	4	10.65	56	
TS991	I _{max} =259cd/klm	I _{max}	903cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5635EL	1T5636EL
EL.	●	1T5639EL	1T5640EL
EL.	●	1T5637EL	1T5638EL
DALI	○	1T5635DA	1T5636DA
DALI	●	1T5639DA	1T5640DA
DALI	●	1T5637DA	1T5638DA

LED / 48W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
Ra84				106°	
Fixture Power	54W	1	2.66	1785	
Source Flux	6880lm	2	5.33	446	
Fixture Flux	4685lm	3	7.99	198	
Efficacy	87lm/W	4	10.65	112	
TS996	I _{max} =259cd/klm	I _{max}	1785cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5641EL	1T5642EL
EL.	●	1T5645EL	1T5646EL
EL.	●	1T5643EL	1T5644EL
DALI	○	1T5641DA	1T5642DA
DALI	●	1T5645DA	1T5646DA
DALI	●	1T5643DA	1T5644DA

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LED / 16W / DOWN UGR



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				74°		
Fixture Power	18W	1	1.51	1113		
Source Flux	2520lm	2	3.02	278		
Fixture Flux	1631lm	3	4.52	124		
Efficacy	91lm/W	4	6.03	70		
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T5659EL	1T5660EL
EL.	●	1T5663EL	1T5664EL
EL.	●	1T5661EL	1T5662EL
DALI	○	1T5659DA	1T5660DA
DALI	●	1T5663DA	1T5664DA
DALI	●	1T5661DA	1T5662DA

LED / 24W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra84				97°	101°		
Fixture Power	27W	1	2.28	2.55	2801		
Source Flux	3480lm	2	4.56	5.10	700		
Fixture Flux	2739lm	3	6.84	7.64	311		
Efficacy	101lm/W	4	9.12	10.19	175		
TS993	Imax=1001cd/klm	Imax	3485cd	5	11.40	12.74	112

Driver	Colour	3000K	4000K
EL.	○	1T5671EL	1T5672EL
EL.	●	1T5675EL	1T5676EL
EL.	●	1T5673EL	1T5674EL
DALI	○	1T5671DA	1T5672DA
DALI	●	1T5675DA	1T5676DA
DALI	●	1T5673DA	1T5674DA

LED / 48W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra84				97°	101°		
Fixture Power	54W	1	2.28	2.55	5537		
Source Flux	6880lm	2	4.56	5.10	1384		
Fixture Flux	5415lm	3	6.84	7.64	615		
Efficacy	100lm/W	4	9.12	10.19	346		
TS997	Imax=1001cd/klm	Imax	6890cd	5	11.40	12.74	221

Driver	Colour	3000K	4000K
EL.	○	1T5677EL	1T5678EL
EL.	●	1T5681EL	1T5682EL
EL.	●	1T5679EL	1T5680EL
DALI	○	1T5677DA	1T5678DA
DALI	●	1T5681DA	1T5682DA
DALI	●	1T5679DA	1T5680DA

LED / 42W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	47W	1	2.66	903		
Source Flux	6090lm	2	5.33	226		
Fixture Flux	4136lm	3	7.99	100		
Efficacy	88lm/W	4	10.65	56		
TS994	Imax=148cd/klm	Imax	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5647EL	1T5648EL
EL.	●	1T5651EL	1T5652EL
EL.	●	1T5649EL	1T5650EL
DALI	○	1T5647DA	1T5648DA
DALI	●	1T5651DA	1T5652DA
DALI	●	1T5649DA	1T5650DA

LED / 66W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	74W	1	2.66	1785		
Source Flux	9490lm	2	5.33	446		
Fixture Flux	6452lm	3	7.99	198		
Efficacy	87lm/W	4	10.65	112		
TS998	Imax=188cd/klm	Imax	1785cd	5	13.32	71

Driver	Colour	3000K	4000K
EL.	○	1T5653EL	1T5654EL
EL.	●	1T5657EL	1T5658EL
EL.	●	1T5655EL	1T5656EL
DALI	○	1T5653DA	1T5654DA
DALI	●	1T5657DA	1T5658DA
DALI	●	1T5655DA	1T5656DA

LED / 28W / UP-DOWN UGR

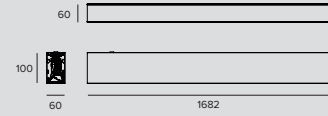


		3000K	H(m)	D(m)	Emax(lx)	
Ra84				74°		
Fixture Power	32W	1	1.51	1113		
Source Flux	4410lm	2	3.02	278		
Fixture Flux	2912lm	3	4.52	124		
Efficacy	91lm/W	4	6.03	70		
TS995	Imax=252cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T5665EL	1T5666EL
EL.	●	1T5669EL	1T5670EL
EL.	●	1T5667EL	1T5668EL
DALI	○	1T5665DA	1T5666DA
DALI	●	1T5669DA	1T5670DA
DALI	●	1T5667DA	1T5668DA



System Ceiling/ Suspension linear module L. 1682mm



LED / 36W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	40W	1	2.66	1354	
	Source Flux	5220lm	2	5.33	338	
	Fixture Flux	3555lm	3	7.99	150	
	Efficacy	89lm/W	4	10.65	85	
	TS991	Imax=259cd/klm	Imax	1354cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5683EL	1T5684EL
EL.	●	1T5687EL	1T5688EL
EL.	●	1T5685EL	1T5686EL
DALI	○	1T5683DA	1T5684DA
DALI	●	1T5687DA	1T5688DA
DALI	●	1T5685DA	1T5686DA

LED / 72W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	81W	1	2.66	2677	
	Source Flux	10320lm	2	5.33	669	
	Fixture Flux	7028lm	3	7.99	297	
	Efficacy	87lm/W	4	10.65	167	
	TS996	Imax=259cd/klm	Imax	2677cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5689EL	1T5690EL
EL.	●	1T5693EL	1T5694EL
EL.	●	1T5691EL	1T5692EL
DALI	○	1T5689DA	1T5690DA
DALI	●	1T5693DA	1T5694DA
DALI	●	1T5691DA	1T5692DA

LED / 24W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	27W	1	1.51	1669	
	Source Flux	3780lm	2	3.02	417	
	Fixture Flux	2447lm	3	4.52	185	
	Efficacy	91lm/W	4	6.03	104	
	TS992	Imax=442cd/klm	Imax	1669cd	5	7.54

Driver	Colour	3000K	4000K
EL.	○	1T5707EL	1T5708EL
EL.	●	1T5711EL	1T5712EL
EL.	●	1T5709EL	1T5710EL
DALI	○	1T5707DA	1T5708DA
DALI	●	1T5711DA	1T5712DA
DALI	●	1T5709DA	1T5710DA

LED / 36W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	40W	1	2.28	2.55	4201	
	Source Flux	5220lm	2	4.56	5.10	1050	
	Fixture Flux	4108lm	3	6.84	7.64	467	
	Efficacy	103lm/W	4	9.12	10.19	263	
	TS993	Imax=1001cd/klm	Imax	5228cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5719EL	1T5720EL
EL.	●	1T5723EL	1T5724EL
EL.	●	1T5721EL	1T5722EL
DALI	○	1T5719DA	1T5720DA
DALI	●	1T5723DA	1T5724DA
DALI	●	1T5721DA	1T5722DA

LED / 72W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	81W	1	2.28	2.55	8305	
	Source Flux	10320lm	2	4.56	5.10	2076	
	Fixture Flux	8122lm	3	6.84	7.64	923	
	Efficacy	100lm/W	4	9.12	10.19	519	
	TS997	Imax=1001cd/klm	Imax	10335cd	5	11.40	12.74

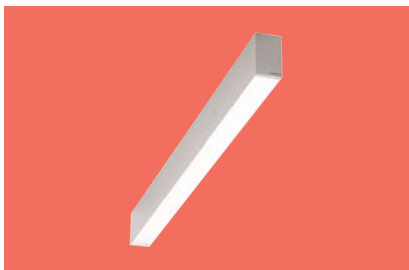
Driver	Colour	3000K	4000K
EL.	○	1T5725EL	1T5726EL
EL.	●	1T5729EL	1T5730EL
EL.	●	1T5727EL	1T5728EL
DALI	○	1T5725DA	1T5726DA
DALI	●	1T5729DA	1T5730DA
DALI	●	1T5727DA	1T5728DA

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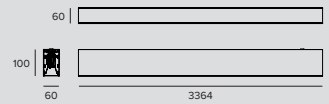
LED / 60W / UP-DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		106°		EL.	○	1T5695EL	1T5696EL		
	Fixture Power	68W	1	2.66	1290	EL.	●	1T5699EL	1T5700EL	
	Source Flux	8700lm	2	5.33	322	EL.	●	1T5697EL	1T5698EL	
	Fixture Flux	5909lm	3	7.99	143	DALI	○	1T5695DA	1T5696DA	
	Efficacy	87lm/W	4	10.65	81	DALI	●	1T5699DA	1T5700DA	
TS994	Imax=148cd/klm	Imax	1290cd	5	13.32	52	DALI	●	1T5697DA	1T5698DA

LED / 96W / UP-DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		106°		EL.	○	1T5701EL	1T5702EL		
	Fixture Power	107W	1	2.66	2595	EL.	●	1T5705EL	1T5706EL	
	Source Flux	13800lm	2	5.33	649	EL.	●	1T5703EL	1T5704EL	
	Fixture Flux	9382lm	3	7.99	288	DALI	○	1T5701DA	1T5702DA	
	Efficacy	88lm/W	4	10.65	162	DALI	●	1T5705DA	1T5706DA	
TS998	Imax=188cd/klm	Imax	2595cd	5	13.32	104	DALI	●	1T5703DA	1T5704DA

LED / 40W / UP-DOWN UGR										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		74°		EL.	○	1T5713EL	1T5714EL		
	Fixture Power	45W	1	1.51	1590	EL.	●	1T5717EL	1T5718EL	
	Source Flux	6300lm	2	3.02	398	EL.	●	1T5715EL	1T5716EL	
	Fixture Flux	4160lm	3	4.52	177	DALI	○	1T5713DA	1T5714DA	
	Efficacy	92lm/W	4	6.03	99	DALI	●	1T5717DA	1T5718DA	
TS995	Imax=252cd/klm	Imax	1590cd	5	7.54	64	DALI	●	1T5715DA	1T5716DA



**System Ceiling/
Suspension
linear module L. 3364mm**



LED / 72W / DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		106°		EL.	○	1T5731EL	1T5732EL		
	Fixture Power	81W	1	2.66	2708	EL.	●	1T5735EL	1T5736EL	
	Source Flux	10440lm	2	5.33	677	EL.	●	1T5733EL	1T5734EL	
	Fixture Flux	7110lm	3	7.99	301	DALI	○	1T5731DA	1T5732DA	
	Efficacy	88lm/W	4	10.65	169	DALI	●	1T5735DA	1T5736DA	
TS991	Imax=259cd/klm	Imax	2708cd	5	13.32	108	DALI	●	1T5733DA	1T5734DA

LED / 144W / DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		106°		EL.	○	1T5737EL	1T5738EL		
	Fixture Power	163W	1	2.66	5354	EL.	●	1T5741EL	1T5742EL	
	Source Flux	20640lm	2	5.33	1338	EL.	●	1T5739EL	1T5740EL	
	Fixture Flux	14056lm	3	7.99	595	DALI	○	1T5737DA	1T5738DA	
	Efficacy	86lm/W	4	10.65	335	DALI	●	1T5741DA	1T5742DA	
TS996	Imax=259cd/klm	Imax	5354cd	5	13.32	214	DALI	●	1T5739DA	1T5740DA

LED / 48W / DOWN UGR



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				74°	
Fixture Power	54W	1	1.51	3338	
Source Flux	7560lm	2	3.02	834	
Fixture Flux	4894lm	3	4.52	371	
Efficacy	91lm/W	4	6.03	209	
TS992	I _{max} =442cd/klm	I _{max}	3338cd	5	7.54
					134

Driver	Colour	3000K	4000K
EL.	○	1T5755EL	1T5756EL
EL.	●	1T5759EL	1T5760EL
EL.	●	1T5757EL	1T5758EL
DALI	○	1T5755DA	1T5756DA
DALI	●	1T5759DA	1T5760DA
DALI	●	1T5757DA	1T5758DA

LED / 72W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra84				97°	101°	
Fixture Power	81W	1	2.28	2.55	8402	
Source Flux	10440lm	2	4.56	5.10	2101	
Fixture Flux	8216lm	3	6.84	7.64	934	
Efficacy	101lm/W	4	9.12	10.19	525	
TS993	I _{max} =1001cd/klm	I _{max}	10455cd	5	11.40	12.74
						336

Driver	Colour	3000K	4000K
EL.	○	1T5767EL	1T5768EL
EL.	●	1T5771EL	1T5772EL
EL.	●	1T5769EL	1T5770EL
DALI	○	1T5767DA	1T5768DA
DALI	●	1T5771DA	1T5772DA
DALI	●	1T5769DA	1T5770DA

LED / 144W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra84				97°	101°	
Fixture Power	163W	1	2.28	2.55	16611	
Source Flux	20640lm	2	4.56	5.10	4153	
Fixture Flux	16244lm	3	6.84	7.64	1846	
Efficacy	100lm/W	4	9.12	10.19	1038	
TS997	I _{max} =1001cd/klm	I _{max}	20670cd	5	11.40	12.74
						664

Driver	Colour	3000K	4000K
EL.	○	1T5773EL	1T5774EL
EL.	●	1T5777EL	1T5778EL
EL.	●	1T5775EL	1T5776EL
DALI	○	1T5773DA	1T5774DA
DALI	●	1T5777DA	1T5778DA
DALI	●	1T5775DA	1T5776DA

LED / 120W / UP-DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				106°	
Fixture Power	136W	1	2.66	2579	
Source Flux	17400lm	2	5.33	645	
Fixture Flux	11818lm	3	7.99	287	
Efficacy	87lm/W	4	10.65	161	
TS994	I _{max} =148cd/klm	I _{max}	2579cd	5	13.32
					103

Driver	Colour	3000K	4000K
EL.	○	1T5743EL	1T5744EL
EL.	●	1T5747EL	1T5748EL
EL.	●	1T5745EL	1T5746EL
DALI	○	1T5743DA	1T5744DA
DALI	●	1T5747DA	1T5748DA
DALI	●	1T5745DA	1T5746DA

LED / 192W / UP-DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				106°	
Fixture Power	218W	1	2.66	5183	
Source Flux	27560lm	2	5.33	1296	
Fixture Flux	18736lm	3	7.99	576	
Efficacy	86lm/W	4	10.65	324	
TS998	I _{max} =188cd/klm	I _{max}	5183cd	5	13.32
					207

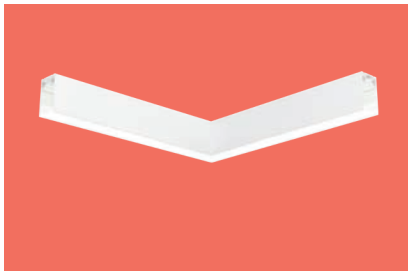
Driver	Colour	3000K	4000K
EL.	○	1T5749EL	1T5750EL
EL.	●	1T5753EL	1T5754EL
EL.	●	1T5751EL	1T5752EL
DALI	○	1T5749DA	1T5750DA
DALI	●	1T5753DA	1T5754DA
DALI	●	1T5751DA	1T5752DA

LED / 80W / UP-DOWN UGR

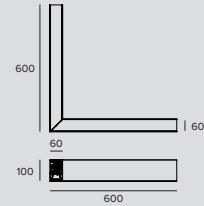


		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				74°	
Fixture Power	91W	1	1.51	3181	
Source Flux	12600lm	2	3.02	795	
Fixture Flux	8320lm	3	4.52	353	
Efficacy	91lm/W	4	6.03	199	
TS995	I _{max} =252cd/klm	I _{max}	3181cd	5	7.54
					127

Driver	Colour	3000K	4000K
EL.	○	1T5761EL	1T5762EL
EL.	●	1T5765EL	1T5766EL
EL.	●	1T5763EL	1T5764EL
DALI	○	1T5761DA	1T5762DA
DALI	●	1T5765DA	1T5766DA
DALI	●	1T5763DA	1T5764DA



System Ceiling/ Suspension L connector



LED / 24W / DOWN OPAL ± 4.7 IP20

		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	27W	1	2.66	903		
Source Flux	3480lm	2	5.33	226		
Fixture Flux	2370lm	3	7.99	100		
Efficacy	88lm/W	4	10.65	56		
TS991	Imax=259cd/klm	Imax	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5976EL	1T5977EL
EL.	●	1T5980EL	1T5981EL
EL.	◐	1T5984EL	1T5985EL
DALI	○	1T5976DA	1T5977DA
DALI	●	1T5980DA	1T5981DA
DALI	◐	1T5984DA	1T5985DA

LED / 48W / DOWN OPAL ± 4.7 IP20

		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	54W	1	2.66	1785		
Source Flux	6880lm	2	5.33	446		
Fixture Flux	4685lm	3	7.99	198		
Efficacy	87lm/W	4	10.65	112		
TS996	Imax=259cd/klm	Imax	1785cd	5	13.32	71

Driver	Colour	3000K	4000K
EL.	○	1T5978EL	1T5979EL
EL.	●	1T5982EL	1T5983EL
EL.	◐	1T5986EL	1T5987EL
DALI	○	1T5978DA	1T5979DA
DALI	●	1T5982DA	1T5983DA
DALI	◐	1T5986DA	1T5987DA

LED / 16W / DOWN UGR ± 4.7 IP20

		3000K	H(m)	D(m)	Emax(lx)	
Ra84				74°		
Fixture Power	18W	1	1.51	1113		
Source Flux	2520lm	2	3.02	278		
Fixture Flux	1631lm	3	4.52	124		
Efficacy	91lm/W	4	6.03	70		
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T6855EL	1T6856EL
EL.	●	1T6857EL	1T6858EL
EL.	◐	1T6859EL	1T6860EL
DALI	○	1T6855DA	1T6856DA
DALI	●	1T6857DA	1T6858DA
DALI	◐	1T6859DA	1T6860DA

LED / 36W / UP-DOWN OPAL ± 4.7 IP20

		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	40W	1	2.66	774		
Source Flux	5220lm	2	5.33	193		
Fixture Flux	3545lm	3	7.99	86		
Efficacy	89lm/W	4	10.65	48		
TS994	Imax=148cd/klm	Imax	774cd	5	13.32	31

Driver	Colour	3000K	4000K
EL.	○	1T6891EL	1T6892EL
EL.	●	1T6893EL	1T6894EL
EL.	◐	1T6895EL	1T6896EL
DALI	○	1T6891DA	1T6892DA
DALI	●	1T6893DA	1T6894DA
DALI	◐	1T6895DA	1T6896DA

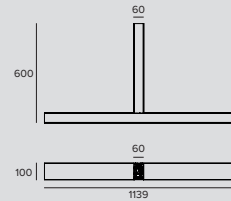
LED / 24W / UP-DOWN UGR ± 4.7 IP20

		3000K	H(m)	D(m)	Emax(lx)	
Ra84				74°		
Fixture Power	27W	1	1.51	954		
Source Flux	3780lm	2	3.02	239		
Fixture Flux	2496lm	3	4.52	106		
Efficacy	92lm/W	4	6.03	60		
TS995	Imax=252cd/klm	Imax	954cd	5	7.54	38

Driver	Colour	3000K	4000K
EL.	○	1T6873EL	1T6874EL
EL.	●	1T6875EL	1T6876EL
EL.	◐	1T6877EL	1T6878EL
DALI	○	1T6873DA	1T6874DA
DALI	●	1T6875DA	1T6876DA
DALI	◐	1T6877DA	1T6878DA



System Ceiling/ Suspension T connector



LED / 36W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		106°		
Fixture Power	40W	1	2.66	1354		
Source Flux	5220lm	2	5.33	338		
Fixture Flux	3555lm	3	7.99	150		
Efficacy	89lm/W	4	10.65	85		
TS991	Imax=259cd/klm	Imax	1354cd	5	13.32	54

Driver	Colour	3000K	4000K
EL.	○	1T5988EL	1T5989EL
EL.	●	1T5992EL	1T5993EL
EL.	◐	1T5996EL	1T5997EL
DALI	○	1T5988DA	1T5989DA
DALI	●	1T5992DA	1T5993DA
DALI	◐	1T5996DA	1T5997DA

LED / 72W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		106°		
Fixture Power	81W	1	2.66	2677		
Source Flux	10320lm	2	5.33	669		
Fixture Flux	7028lm	3	7.99	297		
Efficacy	87lm/W	4	10.65	167		
TS996	Imax=259cd/klm	Imax	2677cd	5	13.32	107

Driver	Colour	3000K	4000K
EL.	○	1T5990EL	1T5991EL
EL.	●	1T5994EL	1T5995EL
EL.	◐	1T5998EL	1T5999EL
DALI	○	1T5990DA	1T5991DA
DALI	●	1T5994DA	1T5995DA
DALI	◐	1T5998DA	1T5999DA

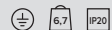
LED / 24W / DOWN UGR



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		74°		
Fixture Power	27W	1	1.51	1669		
Source Flux	3780lm	2	3.02	417		
Fixture Flux	2447lm	3	4.52	185		
Efficacy	91lm/W	4	6.03	104		
TS992	Imax=442cd/klm	Imax	1669cd	5	7.54	67

Driver	Colour	3000K	4000K
EL.	○	1T6861EL	1T6862EL
EL.	●	1T6863EL	1T6864EL
EL.	◐	1T6865EL	1T6866EL
DALI	○	1T6861DA	1T6862DA
DALI	●	1T6863DA	1T6864DA
DALI	◐	1T6865DA	1T6866DA

LED / 54W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		106°		
Fixture Power	60W	1	2.66	1161		
Source Flux	7830lm	2	5.33	290		
Fixture Flux	5318lm	3	7.99	129		
Efficacy	89lm/W	4	10.65	73		
TS994	Imax=148cd/klm	Imax	1161cd	5	13.32	46

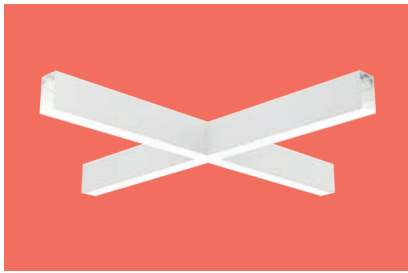
Driver	Colour	3000K	4000K
EL.	○	1T6897EL	1T6898EL
EL.	●	1T6899EL	1T6900EL
EL.	◐	1T6901EL	1T6902EL
DALI	○	1T6897DA	1T6898DA
DALI	●	1T6899DA	1T6900DA
DALI	◐	1T6901DA	1T6902DA

LED / 36W / UP-DOWN UGR

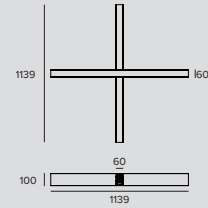


		3000K	H(m)	D(m)	Emax(lx)	
		Ra84		74°		
Fixture Power	40W	1	1.51	1431		
Source Flux	5670lm	2	3.02	358		
Fixture Flux	3744lm	3	4.52	159		
Efficacy	94lm/W	4	6.03	89		
TS995	Imax=252cd/klm	Imax	1431cd	5	7.54	57

Driver	Colour	3000K	4000K
EL.	○	1T6879EL	1T6880EL
EL.	●	1T6881EL	1T6882EL
EL.	◐	1T6883EL	1T6884EL
DALI	○	1T6879DA	1T6880DA
DALI	●	1T6881DA	1T6882DA
DALI	◐	1T6883DA	1T6884DA



System Ceiling/ Suspension X connector



LED / 48W / DOWN OPAL ± 9.1 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	54W	1	2.66	1805	
Source Flux	6960lm	2	5.33	451	
Fixture Flux	4740lm	3	7.99	201	
Efficacy	88lm/W	4	10.65	113	
TS991	I _{max} =259cd/klm	I _{max}	1805cd	5	13.32
				72	

Driver	Colour	3000K	4000K
EL.	○	1T6000EL	1T6001EL
EL.	●	1T6004EL	1T6005EL
EL.	◐	1T6008EL	1T6009EL
DALI	○	1T6000DA	1T6001DA
DALI	●	1T6004DA	1T6005DA
DALI	◐	1T6008DA	1T6009DA

LED / 96W / DOWN OPAL ± 9.1 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	108W	1	2.66	3569	
Source Flux	13760lm	2	5.33	892	
Fixture Flux	9371lm	3	7.99	397	
Efficacy	87lm/W	4	10.65	223	
TS996	I _{max} =259cd/klm	I _{max}	3569cd	5	13.32
				143	

Driver	Colour	3000K	4000K
EL.	○	1T6002EL	1T6003EL
EL.	●	1T6006EL	1T6007EL
EL.	◐	1T6010EL	1T6011EL
DALI	○	1T6002DA	1T6003DA
DALI	●	1T6006DA	1T6007DA
DALI	◐	1T6010DA	1T6011DA

LED / 36W / DOWN UGR ± 9.1 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		74°	
Fixture Power	40W	1	1.51	2225	
Source Flux	5040lm	2	3.02	556	
Fixture Flux	3263lm	3	4.52	247	
Efficacy	82lm/W	4	6.03	139	
TS992	I _{max} =442cd/klm	I _{max}	2225cd	5	7.54
				89	

Driver	Colour	3000K	4000K
EL.	○	1T6867EL	1T6868EL
EL.	●	1T6869EL	1T6870EL
EL.	◐	1T6871EL	1T6872EL
DALI	○	1T6867DA	1T6868DA
DALI	●	1T6869DA	1T6870DA
DALI	◐	1T6871DA	1T6872DA

LED / 72W / UP-DOWN OPAL ± 9.1 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	81W	1	2.66	1547	
Source Flux	10440lm	2	5.33	387	
Fixture Flux	7091lm	3	7.99	172	
Efficacy	88lm/W	4	10.65	97	
TS994	I _{max} =148cd/klm	I _{max}	1547cd	5	13.32
				62	

Driver	Colour	3000K	4000K
EL.	○	1T6903EL	1T6904EL
EL.	●	1T6905EL	1T6906EL
EL.	◐	1T6907EL	1T6908EL
DALI	○	1T6903DA	1T6904DA
DALI	●	1T6905DA	1T6906DA
DALI	◐	1T6907DA	1T6908DA

LED / 48W / UP-DOWN UGR ± 9.1 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		74°	
Fixture Power	54W	1	1.51	1908	
Source Flux	7560lm	2	3.02	477	
Fixture Flux	4992lm	3	4.52	212	
Efficacy	92lm/W	4	6.03	119	
TS995	I _{max} =252cd/klm	I _{max}	1908cd	5	7.54
				76	

Driver	Colour	3000K	4000K
EL.	○	1T6885EL	1T6886EL
EL.	●	1T6887EL	1T6888EL
EL.	◐	1T6889EL	1T6890EL
DALI	○	1T6885DA	1T6886DA
DALI	●	1T6887DA	1T6888DA
DALI	◐	1T6889DA	1T6890DA

Related codes

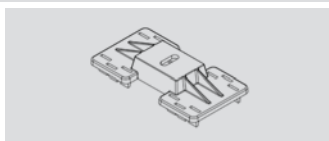
End Caps



Colour	Code
○	1T5937
●	1T5938
●	1T5939

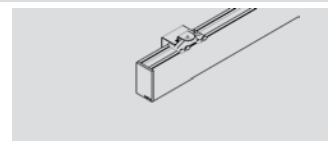
End caps for Ceiling Mounted, Suspension versions.
2X

Mounting System



Colour	Code
○	1T5912
●	1T5913
●	1T5914

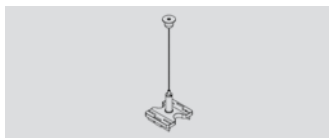
Ceiling installation: polycarbonate bracket.
To be ordered in the following quantities for every fixture length: 2 for the 562 / 1122 / 1682mm version, 3 for the 3364mm version, 3 for the L/T version and 4 for the X version.



Colour	Code
○	1T6919
●	1T6920
●	1T6921

Wall installation: painted metal bracket.
To be ordered in the following quantities for every fixture length: 2 for the 562 / 1122 / 1682mm version and 3 for the 3364mm version.

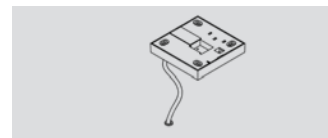
Suspension



L	Colour	Code
2000	○	1T5899
2000	●	1T5900
2000	●	1T5901
4000	○	1T5902
4000	●	1T5903
4000	●	1T5904

Suspension cable.
To be ordered in the following quantities for every fixture length: 2 for the 562 / 1122 / 1682mm version, 3 for the 3364mm version, 3 for the L/T version and 4 for the X version.
Suspension cable compatible with ceiling or wall installations, even inclined.

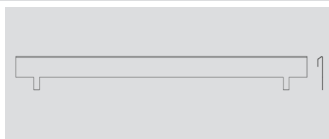
Power Supply Kit



L	Driver	Colour	Code
4000	EL.	○	1T5905EL
4000	EL.	●	1T5906EL
4000	EL.	●	1T5907EL
4000	DALI	○	1T5905DA
4000	DALI	●	1T5906DA
4000	DALI	●	1T5907DA

Suspension installation kit: power cable complete with a painted polycarbonate rosette.
Max 0.6kW.

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 1122m versions, 6 for the 1682mm versions and 12 for the 3364mm versions.

Electrical Connector

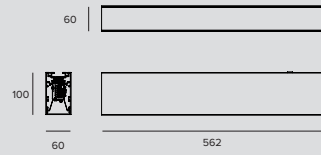


Code
1T5911

Linear electrical connector.



System Trimless Recessed linear module L. 562mm



LED / 12W / DOWN OPAL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		106°		EL.	○	1T6019EL	1T6020EL	
	Fixture Power	14W	1	2.66	451	EL.	●	1T6023EL	1T6024EL
	Source Flux	1740lm	2	5.33	113	DALI	○	1T6019DA	1T6020DA
	Fixture Flux	1185lm	3	7.99	50	DALI	●	1T6023DA	1T6024DA
	Efficacy	85lm/W	4	10.65	28				
TS991	Imax=259cd/klm	Imax	451cd	5	13.32	18			

LED / 24W / DOWN OPAL									
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		106°		EL.	○	1T6021EL	1T6022EL	
	Fixture Power	27W	1	2.66	892	EL.	●	1T6025EL	1T6026EL
	Source Flux	3440lm	2	5.33	223	DALI	○	1T6021DA	1T6022DA
	Fixture Flux	2343lm	3	7.99	99	DALI	●	1T6025DA	1T6026DA
	Efficacy	87lm/W	4	10.65	56				
TS996	Imax=259cd/klm	Imax	892cd	5	13.32	36			

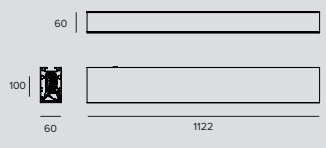
LED / 8W / DOWN UGR									
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		74°		EL.	○	1T6813EL	1T6814EL	
	Fixture Power	9W	1	1.51	556	EL.	●	1T6815EL	1T6816EL
	Source Flux	1260lm	2	3.02	139	DALI	○	1T6813DA	1T6814DA
	Fixture Flux	816lm	3	4.52	62	DALI	●	1T6815DA	1T6816DA
	Efficacy	91lm/W	4	6.03	35				
TS992	Imax=442cd/klm	Imax	556cd	5	7.54	22			

LED / 12W / DOWN WW										
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		97°	101°		EL.	○	1T6817EL	1T6818EL	
	Fixture Power	14W	1	2.28	2.55	1400	EL.	●	1T6819EL	1T6820EL
	Source Flux	1740lm	2	4.56	5.10	350	DALI	○	1T6817DA	1T6818DA
	Fixture Flux	1369lm	3	6.84	7.64	156	DALI	●	1T6819DA	1T6820DA
	Efficacy	98lm/W	4	9.12	10.19	88				
TS993	Imax=1001cd/klm	Imax	1743cd	5	11.40	12.74	56			

LED / 24W / DOWN WW										
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K	
	Ra84		97°	101°		EL.	○	1T6821EL	1T6822EL	
	Fixture Power	27W	1	2.28	2.55	2768	EL.	●	1T6823EL	1T6824EL
	Source Flux	3440lm	2	4.56	5.10	692	DALI	○	1T6821DA	1T6822DA
	Fixture Flux	2707lm	3	6.84	7.64	308	DALI	●	1T6823DA	1T6824DA
	Efficacy	100lm/W	4	9.12	10.19	173				
TS997	Imax=1001cd/klm	Imax	3445cd	5	11.40	12.74	111			



System Trimless Recessed linear module L. 1122mm



LED / 24W / DOWN OPAL ± 4.2 IP20

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	27W	1	2.66	903	
	Source Flux	3480lm	2	5.33	226	
	Fixture Flux	2370lm	3	7.99	100	
	Efficacy	88lm/W	4	10.65	56	
TS991	Imax=259cd/klm	Imax	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5839EL	1T5840EL
EL.	●	1T5841EL	1T5842EL
DALI	○	1T5839DA	1T5840DA
DALI	●	1T5841DA	1T5842DA

LED / 48W / DOWN OPAL ± 4.2 IP20

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	54W	1	2.66	1785	
	Source Flux	6880lm	2	5.33	446	
	Fixture Flux	4685lm	3	7.99	198	
	Efficacy	87lm/W	4	10.65	112	
TS996	Imax=259cd/klm	Imax	1785cd	5	13.32	71

Driver	Colour	3000K	4000K
EL.	○	1T5843EL	1T5844EL
EL.	●	1T5845EL	1T5846EL
DALI	○	1T5843DA	1T5844DA
DALI	●	1T5845DA	1T5846DA

LED / 16W / DOWN UGR ± 4.2 IP20

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	18W	1	1.51	1113	
	Source Flux	2520lm	2	3.02	278	
	Fixture Flux	1631lm	3	4.52	124	
	Efficacy	91lm/W	4	6.03	70	
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T5847EL	1T5848EL
EL.	●	1T5849EL	1T5850EL
DALI	○	1T5847DA	1T5848DA
DALI	●	1T5849DA	1T5850DA

LED / 24W / DOWN WW ± 4.2 IP20

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	27W	1	2.28	2.55	2801	
	Source Flux	3480lm	2	4.56	5.10	700	
	Fixture Flux	2739lm	3	6.84	7.64	311	
	Efficacy	101lm/W	4	9.12	10.19	175	
TS993	Imax=1001cd/klm	Imax	3485cd	5	11.40	12.74	112

Driver	Colour	3000K	4000K
EL.	○	1T5851EL	1T5852EL
EL.	●	1T5853EL	1T5854EL
DALI	○	1T5851DA	1T5852DA
DALI	●	1T5853DA	1T5854DA

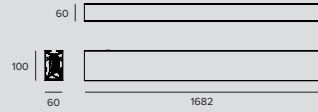
LED / 48W / DOWN WW ± 4.2 IP20

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	54W	1	2.28	2.55	5537	
	Source Flux	6880lm	2	4.56	5.10	1384	
	Fixture Flux	5415lm	3	6.84	7.64	615	
	Efficacy	100lm/W	4	9.12	10.19	346	
TS997	Imax=1001cd/klm	Imax	6890cd	5	11.40	12.74	221

Driver	Colour	3000K	4000K
EL.	○	1T5855EL	1T5856EL
EL.	●	1T5857EL	1T5858EL
DALI	○	1T5855DA	1T5856DA
DALI	●	1T5857DA	1T5858DA



System Trimless Recessed linear module L. 1682mm



LED / 36W / DOWN OPAL								
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			106°		EL.	○	1T5859EL	1T5860EL
Fixture Power	40W	1	2.66	1354	EL.	●	1T5861EL	1T5862EL
Source Flux	5220lm	2	5.33	338	DALI	○	1T5859DA	1T5860DA
Fixture Flux	3555lm	3	7.99	150	DALI	●	1T5861DA	1T5862DA
Efficacy	89lm/W	4	10.65	85				
TS991	Imax=259cd/klm	Imax	1354cd	5	13.32	54		

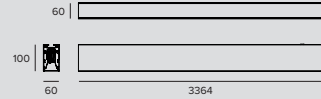
LED / 72W / DOWN OPAL								
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			106°		EL.	○	1T5863EL	1T5864EL
Fixture Power	81W	1	2.66	2677	EL.	●	1T5865EL	1T5866EL
Source Flux	10320lm	2	5.33	669	DALI	○	1T5863DA	1T5864DA
Fixture Flux	7028lm	3	7.99	297	DALI	●	1T5865DA	1T5866DA
Efficacy	87lm/W	4	10.65	167				
TS996	Imax=259cd/klm	Imax	2677cd	5	13.32	107		

LED / 24W / DOWN UGR								
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			74°		EL.	○	1T5867EL	1T5868EL
Fixture Power	27W	1	1.51	1669	EL.	●	1T5869EL	1T5870EL
Source Flux	3780lm	2	3.02	417	DALI	○	1T5867DA	1T5868DA
Fixture Flux	2447lm	3	4.52	185	DALI	●	1T5869DA	1T5870DA
Efficacy	91lm/W	4	6.03	104				
TS992	Imax=442cd/klm	Imax	1669cd	5	7.54	67		

LED / 36W / DOWN WW									
3000K		H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			97°	101°		EL.	○	1T5871EL	1T5872EL
Fixture Power	40W	1	2.28	2.55	4201	EL.	●	1T5873EL	1T5874EL
Source Flux	5220lm	2	4.56	5.10	1050	DALI	○	1T5871DA	1T5872DA
Fixture Flux	4108lm	3	6.84	7.64	467	DALI	●	1T5873DA	1T5874DA
Efficacy	103lm/W	4	9.12	10.19	263				
TS993	Imax=1001cd/klm	Imax	5228cd	5	11.40	12.74	168		

LED / 72W / DOWN WW									
3000K		H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			97°	101°		EL.	○	1T5875EL	1T5876EL
Fixture Power	81W	1	2.28	2.55	8305	EL.	●	1T5877EL	1T5878EL
Source Flux	10320lm	2	4.56	5.10	2076	DALI	○	1T5875DA	1T5876DA
Fixture Flux	8122lm	3	6.84	7.64	923	DALI	●	1T5877DA	1T5878DA
Efficacy	100lm/W	4	9.12	10.19	519				
TS997	Imax=1001cd/klm	Imax	10335cd	5	11.40	12.74	332		

System Trimless Recessed linear module L. 3364mm



LED / 72W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	81W	1	2.66	2708	
	Source Flux	10440lm	2	5.33	677	
	Fixture Flux	7110lm	3	7.99	301	
	Efficacy	88lm/W	4	10.65	169	
	TS991	Imax=259cd/klm	Imax	2708cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5879EL	1T5880EL
EL.	●	1T5881EL	1T5882EL
DALI	○	1T5879DA	1T5880DA
DALI	●	1T5881DA	1T5882DA

LED / 144W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	163W	1	2.66	5354	
	Source Flux	20640lm	2	5.33	1338	
	Fixture Flux	14056lm	3	7.99	595	
	Efficacy	86lm/W	4	10.65	335	
	TS996	Imax=259cd/klm	Imax	5354cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5883EL	1T5884EL
EL.	●	1T5885EL	1T5886EL
DALI	○	1T5883DA	1T5884DA
DALI	●	1T5885DA	1T5886DA

LED / 48W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	54W	1	1.51	3338	
	Source Flux	7560lm	2	3.02	834	
	Fixture Flux	4894lm	3	4.52	371	
	Efficacy	91lm/W	4	6.03	209	
	TS992	Imax=442cd/klm	Imax	3338cd	5	7.54

Driver	Colour	3000K	4000K
EL.	○	1T5887EL	1T5888EL
EL.	●	1T5889EL	1T5890EL
DALI	○	1T5887DA	1T5888DA
DALI	●	1T5889DA	1T5890DA

LED / 72W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	81W	1	2.28	2.55	8402	
	Source Flux	10440lm	2	4.56	5.10	2101	
	Fixture Flux	8216lm	3	6.84	7.64	934	
	Efficacy	101lm/W	4	9.12	10.19	525	
	TS993	Imax=1001cd/klm	Imax	10455cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5891EL	1T5892EL
EL.	●	1T5893EL	1T5894EL
DALI	○	1T5891DA	1T5892DA
DALI	●	1T5893DA	1T5894DA

LED / 144W / DOWN WW



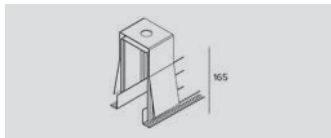
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	163W	1	2.28	2.55	16611	
	Source Flux	20640lm	2	4.56	5.10	4153	
	Fixture Flux	16244lm	3	6.84	7.64	1846	
	Efficacy	100lm/W	4	9.12	10.19	1038	
	TS997	Imax=1001cd/klm	Imax	20670cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5895EL	1T5896EL
EL.	●	1T5897EL	1T5898EL
DALI	○	1T5895DA	1T5896DA
DALI	●	1T5897DA	1T5898DA

LOGICO

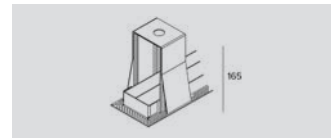
Related codes

Insertion Box



Kg	Cutout hole	L	Code
1.8	80x562	562	1T6051
3.2	80x1122	1122	1T5915
3.8	80x1682	1682	1T5916

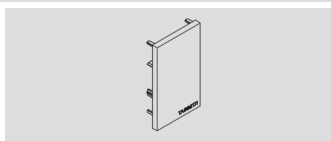
Outer casing for trimless installation.



Kg	Cutout hole	L	Code
1.9	80x572	587	1T6052
3.2	80x1132	1147	1T5917
3,8	80x1692	1707mm	1T5921

Terminal outer casing for trimless installation.

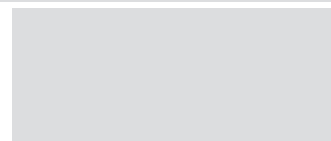
End Caps



Colour	Code
○	1T5937
●	1T5938

End caps for Ceiling Mounted, Suspension and Trimless versions.
2X

Electrical Connector



Code
1T5911

Linear electrical connector.

Accessories

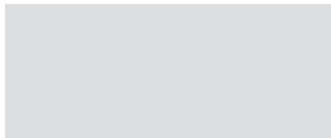
Screen



Code
1T6502

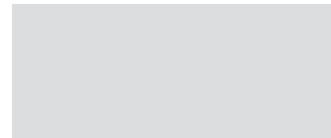
Accessory designed to improve the visual comfort of the Wall Washer version.
To be installed on a standard reflector.
Made of matte black painted aluminium.
280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122m versions, 6 for the 1682mm versions and 12 for the 3364mm versions.

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.
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



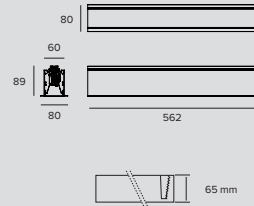
Code
1T5352

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.
It prevents any change to the management features provided by the Casambi system.

Note
Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.



System Recessed with flange linear module L. 562mm



LED / 12W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra84		106°		
Fixture Power	14W	1	2.66	451		
Source Flux	1740lm	2	5.33	113		
Fixture Flux	1185lm	3	7.99	50		
Efficacy	85lm/W	4	10.65	28		
TS991	I _{max} =259cd/klm	I _{max}	451cd	5	13.32	18

Driver	Colour	3000K	4000K
EL.	○	1T6015EL	1T6016EL
DALI	○	1T6015DA	1T6016DA

LED / 24W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra84		106°		
Fixture Power	27W	1	2.66	892		
Source Flux	3440lm	2	5.33	223		
Fixture Flux	2343lm	3	7.99	99		
Efficacy	87lm/W	4	10.65	56		
TS996	I _{max} =259cd/klm	I _{max}	892cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T6017EL	1T6018EL
DALI	○	1T6017DA	1T6018DA

LED / 8W / DOWN UGR



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra84		74°		
Fixture Power	9W	1	1.51	556		
Source Flux	1260lm	2	3.02	139		
Fixture Flux	816lm	3	4.52	62		
Efficacy	91lm/W	4	6.03	35		
TS992	I _{max} =442cd/klm	I _{max}	556cd	5	7.54	22

Driver	Colour	3000K	4000K
EL.	○	1T6807EL	1T6808EL
DALI	○	1T6807DA	1T6808DA

LED / 12W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra84		97°	101°		
Fixture Power	14W	1	2.28	2.55	1400		
Source Flux	1740lm	2	4.56	5.10	350		
Fixture Flux	1369lm	3	6.84	7.64	156		
Efficacy	98lm/W	4	9.12	10.19	88		
TS993	I _{max} =1001cd/klm	I _{max}	1743cd	5	11.40	12.74	56

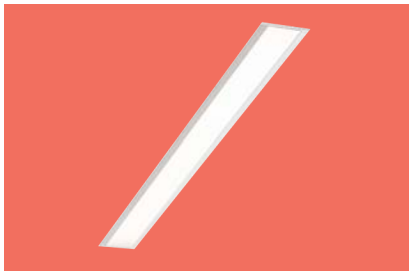
Driver	Colour	3000K	4000K
EL.	○	1T6809EL	1T6810EL
DALI	○	1T6809DA	1T6810DA

LED / 24W / DOWN WW

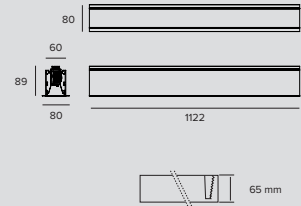


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
		Ra84		97°	101°		
Fixture Power	27W	1	2.28	2.55	2768		
Source Flux	3440lm	2	4.56	5.10	692		
Fixture Flux	2707lm	3	6.84	7.64	308		
Efficacy	100lm/W	4	9.12	10.19	173		
TS997	I _{max} =1001cd/klm	I _{max}	3445cd	5	11.40	12.74	111

Driver	Colour	3000K	4000K
EL.	○	1T6811EL	1T6812EL
DALI	○	1T6811DA	1T6812DA



System Recessed with flange linear module L. 1122mm



LED / 24W / DOWN OPAL ± 3.8 IP20

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	27W	1	2.66	903	
	Source Flux	3480lm	2	5.33	226	
	Fixture Flux	2370lm	3	7.99	100	
	Efficacy	88lm/W	4	10.65	56	
TS991	Imax=259cd/klm	Imax	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5461EL	1T5462EL
DALI	○	1T5461DA	1T5462DA

LED / 48W / DOWN OPAL ± 3.8 IP20

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	54W	1	2.66	1785	
	Source Flux	6880lm	2	5.33	446	
	Fixture Flux	4685lm	3	7.99	198	
	Efficacy	87lm/W	4	10.65	112	
TS996	Imax=259cd/klm	Imax	1785cd	5	13.32	71

Driver	Colour	3000K	4000K
EL.	○	1T5463EL	1T5464EL
DALI	○	1T5463DA	1T5464DA

LED / 16W / DOWN UGR ± 3.8 IP20

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	18W	1	1.51	1113	
	Source Flux	2520lm	2	3.02	278	
	Fixture Flux	1631lm	3	4.52	124	
	Efficacy	91lm/W	4	6.03	70	
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T5465EL	1T5466EL
DALI	○	1T5465DA	1T5466DA

LED / 24W / DOWN WW ± 3.8 IP20

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	27W	1	2.28	2.55	2801	
	Source Flux	3480lm	2	4.56	5.10	700	
	Fixture Flux	2739lm	3	6.84	7.64	311	
	Efficacy	101lm/W	4	9.12	10.19	175	
TS993	Imax=1001cd/klm	Imax	3485cd	5	11.40	12.74	112

Driver	Colour	3000K	4000K
EL.	○	1T5467EL	1T5468EL
DALI	○	1T5467DA	1T5468DA

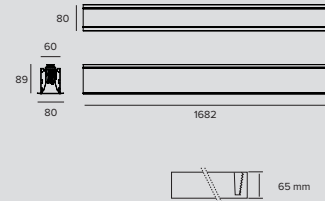
LED / 48W / DOWN WW ± 3.8 IP20

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	54W	1	2.28	2.55	5537	
	Source Flux	6880lm	2	4.56	5.10	1384	
	Fixture Flux	5415lm	3	6.84	7.64	615	
	Efficacy	100lm/W	4	9.12	10.19	346	
TS997	Imax=1001cd/klm	Imax	6890cd	5	11.40	12.74	221

Driver	Colour	3000K	4000K
EL.	○	1T5469EL	1T5470EL
DALI	○	1T5469DA	1T5470DA



System Recessed with flange linear module L. 1682mm



LED / 36W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	40W	1	2.66	1354	
Source Flux	5220lm	2	5.33	338	
Fixture Flux	3555lm	3	7.99	150	
Efficacy	89lm/W	4	10.65	85	
TS991	Imax=259cd/klm	Imax	1354cd	5	13.32
				54	

Driver	Colour	3000K	4000K
EL.	○	1T5471EL	1T5472EL
DALI	○	1T5471DA	1T5472DA

LED / 72W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	81W	1	2.66	2677	
Source Flux	10320lm	2	5.33	669	
Fixture Flux	7028lm	3	7.99	297	
Efficacy	87lm/W	4	10.65	167	
TS996	Imax=259cd/klm	Imax	2677cd	5	13.32
				107	

Driver	Colour	3000K	4000K
EL.	○	1T5473EL	1T5474EL
DALI	○	1T5473DA	1T5474DA

LED / 24W / DOWN UGR



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		74°	
Fixture Power	27W	1	1.51	1669	
Source Flux	3780lm	2	3.02	417	
Fixture Flux	2447lm	3	4.52	185	
Efficacy	91lm/W	4	6.03	104	
TS992	Imax=442cd/klm	Imax	1669cd	5	7.54
				67	

Driver	Colour	3000K	4000K
EL.	○	1T5475EL	1T5476EL
DALI	○	1T5475DA	1T5476DA

LED / 36W / DOWN WW



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)
		Ra84		97°	101°	
Fixture Power	40W	1	2.28	2.55	4201	
Source Flux	5220lm	2	4.56	5.10	1050	
Fixture Flux	4108lm	3	6.84	7.64	467	
Efficacy	103lm/W	4	9.12	10.19	263	
TS993	Imax=1001cd/klm	Imax	5228cd	5	11.40	
				12.74	168	

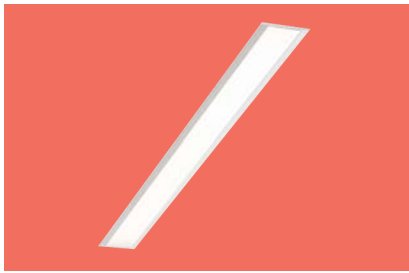
Driver	Colour	3000K	4000K
EL.	○	1T5477EL	1T5478EL
DALI	○	1T5477DA	1T5478DA

LED / 72W / DOWN WW

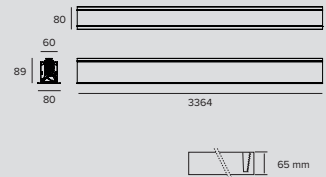


		3000K	H(m)	D1(m)	D2(m)	Emax(lx)
		Ra84		97°	101°	
Fixture Power	81W	1	2.28	2.55	8305	
Source Flux	10320lm	2	4.56	5.10	2076	
Fixture Flux	8122lm	3	6.84	7.64	923	
Efficacy	100lm/W	4	9.12	10.19	519	
TS997	Imax=1001cd/klm	Imax	10335cd	5	11.40	
				12.74	332	

Driver	Colour	3000K	4000K
EL.	○	1T5479EL	1T5480EL
DALI	○	1T5479DA	1T5480DA



System Recessed with flange linear module L. 3364mm



LED / 72W / DOWN OPAL ± 10.5 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	81W	1	2.66	2708	
Source Flux	10440lm	2	5.33	677	
Fixture Flux	7110lm	3	7.99	301	
Efficacy	88lm/W	4	10.65	169	
TS991	Imax=259cd/klm	Imax	2708cd	5	13.32
				108	

Driver	Colour	3000K	4000K
EL.	○	1T5481EL	1T5482EL
DALI	○	1T5481DA	1T5482DA

LED / 144W / DOWN OPAL ± 10.5 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		106°	
Fixture Power	163W	1	2.66	5354	
Source Flux	20640lm	2	5.33	1338	
Fixture Flux	14056lm	3	7.99	595	
Efficacy	86lm/W	4	10.65	335	
TS996	Imax=259cd/klm	Imax	5354cd	5	13.32
				214	

Driver	Colour	3000K	4000K
EL.	○	1T5483EL	1T5484EL
DALI	○	1T5483DA	1T5484DA

LED / 48W / DOWN UGR ± 10.5 IP20

		3000K	H(m)	D(m)	Emax(lx)
		Ra84		74°	
Fixture Power	54W	1	1.51	3338	
Source Flux	7560lm	2	3.02	834	
Fixture Flux	4894lm	3	4.52	371	
Efficacy	91lm/W	4	6.03	209	
TS992	Imax=442cd/klm	Imax	3338cd	5	7.54
				134	

Driver	Colour	3000K	4000K
EL.	○	1T5485EL	1T5486EL
DALI	○	1T5485DA	1T5486DA

LED / 72W / DOWN WW ± 10.5 IP20

		3000K	H(m)	D1(m)	D2(m)	Emax(lx)
		Ra84		97°	101°	
Fixture Power	81W	1	2.28	2.55	8402	
Source Flux	10440lm	2	4.56	5.10	2101	
Fixture Flux	8216lm	3	6.84	7.64	934	
Efficacy	101lm/W	4	9.12	10.19	525	
TS993	Imax=1001cd/klm	Imax	10455cd	5	11.40	
				12.74	336	

Driver	Colour	3000K	4000K
EL.	○	1T5487EL	1T5488EL
DALI	○	1T5487DA	1T5488DA

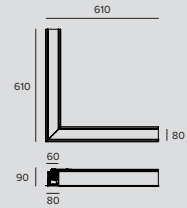
LED / 144W / DOWN WW ± 10.5 IP20

		3000K	H(m)	D1(m)	D2(m)	Emax(lx)
		Ra84		97°	101°	
Fixture Power	163W	1	2.28	2.55	16611	
Source Flux	20640lm	2	4.56	5.10	4153	
Fixture Flux	16244lm	3	6.84	7.64	1846	
Efficacy	100lm/W	4	9.12	10.19	1038	
TS997	Imax=1001cd/klm	Imax	20670cd	5	11.40	
				12.74	664	

Driver	Colour	3000K	4000K
EL.	○	1T5489EL	1T5490EL
DALI	○	1T5489DA	1T5490DA



System Recessed with flange L connector



LED / 24W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	27W	1	2.66	903		
Source Flux	3480lm	2	5.33	226		
Fixture Flux	2370lm	3	7.99	100		
Efficacy	88lm/W	4	10.65	56		
TS991	Imax=259cd/klm	Imax	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5940EL	1T5941EL
DALI	○	1T5940DA	1T5941DA

LED / 48W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	54W	1	2.66	1785		
Source Flux	6880lm	2	5.33	446		
Fixture Flux	4685lm	3	7.99	198		
Efficacy	87lm/W	4	10.65	112		
TS996	Imax=259cd/klm	Imax	1785cd	5	13.32	71

Driver	Colour	3000K	4000K
EL.	○	1T5942EL	1T5943EL
DALI	○	1T5942DA	1T5943DA

LED / 16W / DOWN UGR

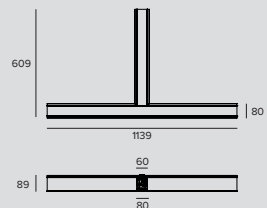


		3000K	H(m)	D(m)	Emax(lx)	
Ra84				74°		
Fixture Power	18W	1	1.51	1113		
Source Flux	2520lm	2	3.02	278		
Fixture Flux	1631lm	3	4.52	124		
Efficacy	91lm/W	4	6.03	70		
TS992	Imax=442cd/klm	Imax	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T6849EL	1T6850EL
DALI	○	1T6849DA	1T6850DA



System Recessed with flange T connector



LED / 36W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	40W	1	2.66	1354		
Source Flux	5220lm	2	5.33	338		
Fixture Flux	3555lm	3	7.99	150		
Efficacy	89lm/W	4	10.65	85		
TS991	Imax=259cd/klm	Imax	1354cd	5	13.32	54

Driver	Colour	3000K	4000K
EL.	○	1T5944EL	1T5945EL
DALI	○	1T5944DA	1T5945DA

LOGICO

LED / 72W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				106°	
Fixture Power	81W	1	2.66	2677	
Source Flux	10320lm	2	5.33	669	
Fixture Flux	7028lm	3	7.99	297	
Efficacy	87lm/W	4	10.65	167	
TS996	I _{max} =259cd/klm	I _{max}	2677cd	5	13.32
				107	

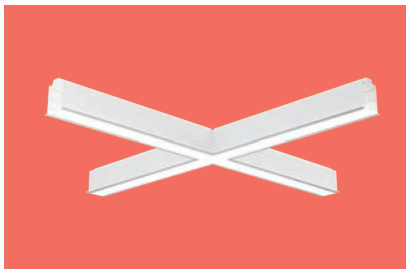
Driver	Colour	3000K	4000K
EL.	○	1T5946EL	1T5947EL
DALI	○	1T5946DA	1T5947DA

LED / 24W / DOWN UGR

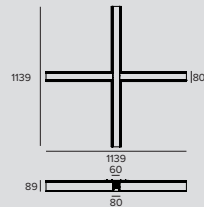


		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				74°	
Fixture Power	27W	1	1.51	1669	
Source Flux	3780lm	2	3.02	417	
Fixture Flux	2447lm	3	4.52	185	
Efficacy	91lm/W	4	6.03	104	
TS992	I _{max} =442cd/klm	I _{max}	1669cd	5	7.54
				67	

Driver	Colour	3000K	4000K
EL.	○	1T6851EL	1T6852EL
DALI	○	1T6851DA	1T6852DA



System Recessed with flange X connector



LED / 48W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				106°	
Fixture Power	54W	1	2.66	1805	
Source Flux	6960lm	2	5.33	451	
Fixture Flux	4740lm	3	7.99	201	
Efficacy	88lm/W	4	10.65	113	
TS991	I _{max} =259cd/klm	I _{max}	1805cd	5	13.32
				72	

Driver	Colour	3000K	4000K
EL.	○	1T5948EL	1T5949EL
DALI	○	1T5948DA	1T5949DA

LED / 96W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				106°	
Fixture Power	108W	1	2.66	3569	
Source Flux	13760lm	2	5.33	892	
Fixture Flux	9371lm	3	7.99	397	
Efficacy	87lm/W	4	10.65	223	
TS996	I _{max} =259cd/klm	I _{max}	3569cd	5	13.32
				143	

Driver	Colour	3000K	4000K
EL.	○	1T5950EL	1T5951EL
DALI	○	1T5950DA	1T5951DA

LED / 36W / DOWN UGR



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				74°	
Fixture Power	40W	1	1.51	2225	
Source Flux	5040lm	2	3.02	556	
Fixture Flux	3263lm	3	4.52	247	
Efficacy	82lm/W	4	6.03	139	
TS992	I _{max} =442cd/klm	I _{max}	2225cd	5	7.54
				89	

Driver	Colour	3000K	4000K
EL.	○	1T6853EL	1T6854EL
DALI	○	1T6853DA	1T6854DA

Related codes

End Caps



Code

1T5908

End caps for the recessed version with a flange.
White.
2X

Electrical Connector



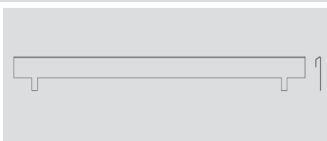
Code

1T5911

Linear electrical connector.

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 1122m versions, 6 for the 1682mm versions and 12 for the 3364mm versions.

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.
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



Code

1T5352

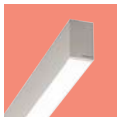
IP20 Extender for wireless control with DALI interfaces.
It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in indoor applications.
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.
It prevents any change to the management features provided by the Casambi system.

Note

Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.

CEILING AND SUSPENSIONS LUMINAIRES

LINEAR CEILING AND SUSPENSIONS LUMINAIRES



380 LOGICO



388 CARTESIO



392 DIVA



396 SLIM



400 MINIMINIMA

CEILING AND SUSPENSIONS LUMINAIRES



402 THREESIXTY



414 PANTHEON



420 CCTLED
PENDANT



424 CCTLED
TUBE



432 BEBOP



434 GLOBO



436 WASABI



438 DECANTER



440 Q-BO



442 MONETA

indoor

CEILING AND SUSPENSIONS LUMINAIRES

LOGICO

STAND ALONE CEILING AND SUSPENSION LUMINAIRE

GENERAL INFO

Modules of variable lengths for ceiling, suspension, recessed and semi-recessed installations.
Lunghezza: 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.

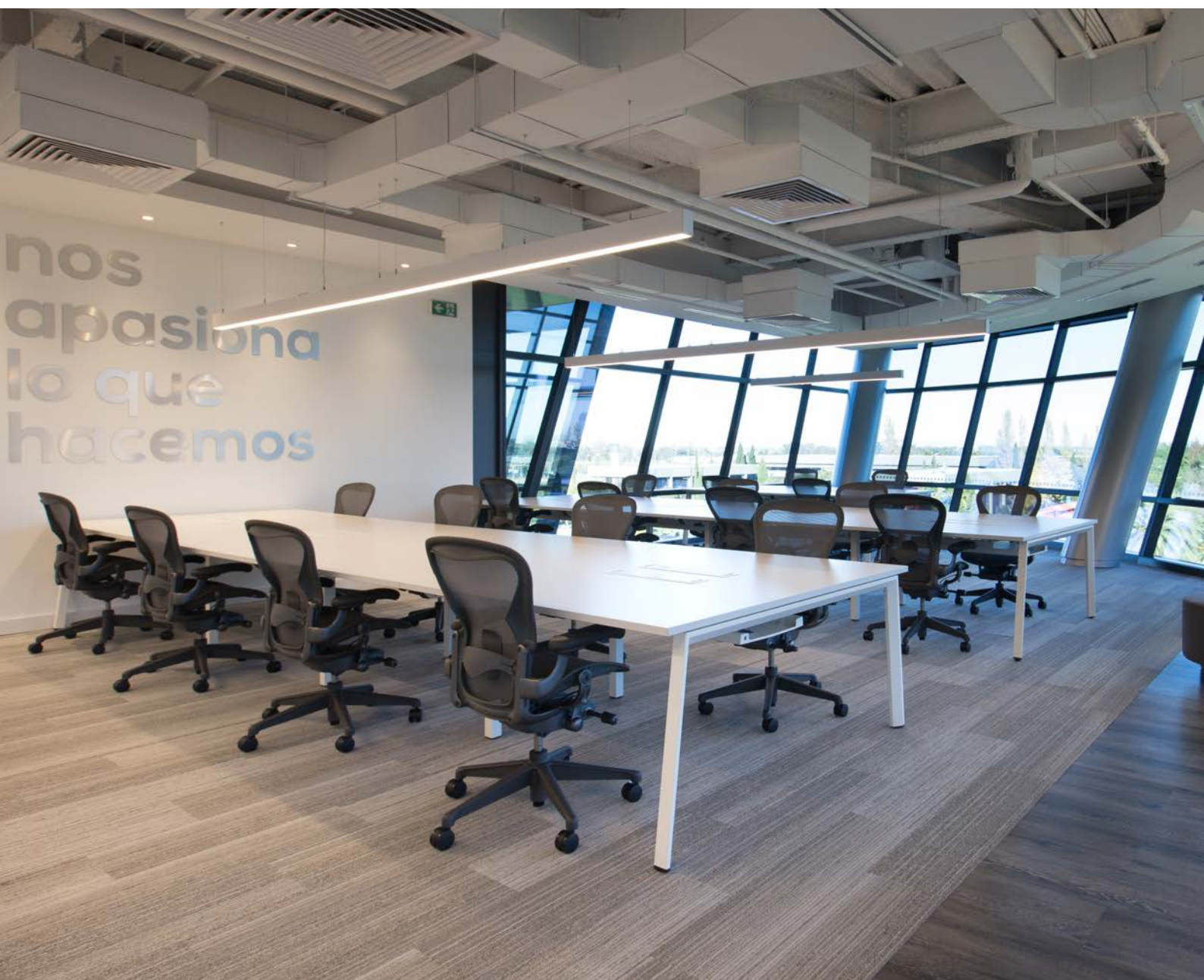
MATERIAL

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-





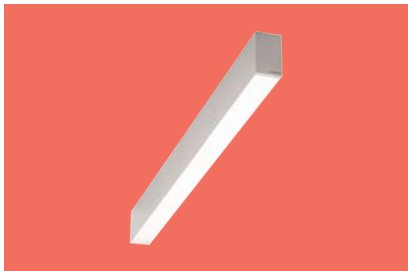
ZONAMERICA 2018

ARCHITECT
Estudio Dovat Arquitectos

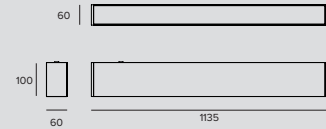
LIGHTING DESIGN
Estudio Hofstadter

PHOTOGRAPHER
Ferrés - Cánepa

COUNTRY
Montevideo - Uruguay



Stand Alone Ceiling/Suspension linear module L. 1135mm



LED / 24W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	27W	1	2.66	903	
	Source Flux	3480lm	2	5.33	226	
	Fixture Flux	2370lm	3	7.99	100	
	Efficacy	88lm/W	4	10.65	56	
	TS991	Imax=259cd/klm	Imax	903cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5491EL	1T5492EL
EL.	●	1T5495EL	1T5496EL
EL.	◐	1T5493EL	1T5494EL
DALI	○	1T5491DA	1T5492DA
DALI	●	1T5495DA	1T5496DA
DALI	◐	1T5493DA	1T5494DA

LED / 48W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	54W	1	2.66	1785	
	Source Flux	6880lm	2	5.33	446	
	Fixture Flux	4685lm	3	7.99	198	
	Efficacy	87lm/W	4	10.65	112	
	TS996	Imax=259cd/klm	Imax	1785cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5497EL	1T5498EL
EL.	●	1T5501EL	1T5502EL
EL.	◐	1T5499EL	1T5500EL
DALI	○	1T5497DA	1T5498DA
DALI	●	1T5501DA	1T5502DA
DALI	◐	1T5499DA	1T5500DA

LED / 16W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	18W	1	1.51	1113	
	Source Flux	2520lm	2	3.02	278	
	Fixture Flux	1631lm	3	4.52	124	
	Efficacy	91lm/W	4	6.03	70	
	TS992	Imax=442cd/klm	Imax	1113cd	5	7.54

Driver	Colour	3000K	4000K
EL.	○	1T5515EL	1T5516EL
EL.	●	1T5519EL	1T5520EL
EL.	◐	1T5517EL	1T5518EL
DALI	○	1T5515DA	1T5516DA
DALI	●	1T5519DA	1T5520DA
DALI	◐	1T5517DA	1T5518DA

LED / 24W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	27W	1	2.28	2.55	2801	
	Source Flux	3480lm	2	4.56	5.10	700	
	Fixture Flux	2739lm	3	6.84	7.64	311	
	Efficacy	101lm/W	4	9.12	10.19	175	
	TS993	Imax=1001cd/klm	Imax	3485cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5527EL	1T5528EL
EL.	●	1T5531EL	1T5532EL
EL.	◐	1T5529EL	1T5530EL
DALI	○	1T5527DA	1T5528DA
DALI	●	1T5531DA	1T5532DA
DALI	◐	1T5529DA	1T5530DA

LED / 48W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	54W	1	2.28	2.55	5537	
	Source Flux	6880lm	2	4.56	5.10	1384	
	Fixture Flux	5415lm	3	6.84	7.64	615	
	Efficacy	100lm/W	4	9.12	10.19	346	
	TS997	Imax=1001cd/klm	Imax	6890cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5533EL	1T5534EL
EL.	●	1T5537EL	1T5538EL
EL.	◐	1T5535EL	1T5536EL
DALI	○	1T5533DA	1T5534DA
DALI	●	1T5537DA	1T5538DA
DALI	◐	1T5535DA	1T5536DA

LED / 42W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	47W	1	2.66	903		
Source Flux	6090lm	2	5.33	226		
Fixture Flux	4136lm	3	7.99	100		
Efficacy	88lm/W	4	10.65	56		
TS994	I _{max} =148cd/klm	I _{max}	903cd	5	13.32	36

Driver	Colour	3000K	4000K
EL.	○	1T5503EL	1T5504EL
EL.	●	1T5507EL	1T5508EL
EL.	●	1T5505EL	1T5506EL
DALI	○	1T5503DA	1T5504DA
DALI	●	1T5507DA	1T5508DA
DALI	●	1T5505DA	1T5506DA

LED / 66W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	74W	1	2.66	1785		
Source Flux	9490lm	2	5.33	446		
Fixture Flux	6452lm	3	7.99	198		
Efficacy	87lm/W	4	10.65	112		
TS998	I _{max} =188cd/klm	I _{max}	1785cd	5	13.32	71

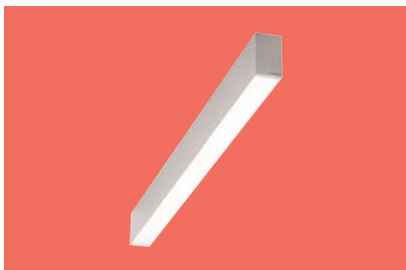
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EL.	○	1T5509EL	1T5510EL
EL.	●	1T5513EL	1T5514EL
EL.	●	1T5511EL	1T5512EL
DALI	○	1T5509DA	1T5510DA
DALI	●	1T5513DA	1T5514DA
DALI	●	1T5511DA	1T5512DA

LED / 28W / UP-DOWN UGR

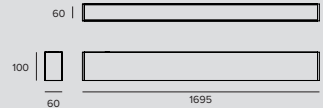


		3000K	H(m)	D(m)	Emax(lx)	
Ra84				74°		
Fixture Power	32W	1	1.51	1113		
Source Flux	4410lm	2	3.02	278		
Fixture Flux	2912lm	3	4.52	124		
Efficacy	91lm/W	4	6.03	70		
TS995	I _{max} =252cd/klm	I _{max}	1113cd	5	7.54	45

Driver	Colour	3000K	4000K
EL.	○	1T5521EL	1T5522EL
EL.	●	1T5525EL	1T5526EL
EL.	●	1T5523EL	1T5524EL
DALI	○	1T5521DA	1T5522DA
DALI	●	1T5525DA	1T5526DA
DALI	●	1T5523DA	1T5524DA



**Stand Alone
Ceiling/Suspension
linear module L. 1695mm**



LED / 36W / DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	40W	1	2.66	1354		
Source Flux	5220lm	2	5.33	338		
Fixture Flux	3555lm	3	7.99	150		
Efficacy	89lm/W	4	10.65	85		
TS991	I _{max} =259cd/klm	I _{max}	1354cd	5	13.32	54

Driver	Colour	3000K	4000K
EL.	○	1T5539EL	1T5540EL
EL.	●	1T5543EL	1T5544EL
EL.	●	1T5541EL	1T5542EL
DALI	○	1T5539DA	1T5540DA
DALI	●	1T5543DA	1T5544DA
DALI	●	1T5541DA	1T5542DA


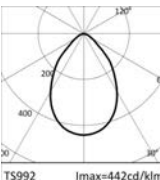
LED / 72W / DOWN OPAL


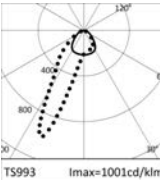



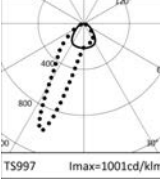
		3000K	H(m)	D(m)	Emax(lx)	
Ra84				106°		
Fixture Power	81W	1	2.66	2677		
Source Flux	10320lm	2	5.33	669		
Fixture Flux	7028lm	3	7.99	297		
Efficacy	87lm/W	4	10.65	167		
TS996	I _{max} =259cd/klm	I _{max}	2677cd	5	13.32	107


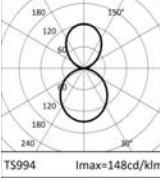
Driver	Colour	3000K	4000K
EL.	○	1T5545EL	1T5546EL
EL.	●	1T5549EL	1T5550EL
EL.	●	1T5547EL	1T5548EL
DALI	○	1T5545DA	1T5546DA
DALI	●	1T5549DA	1T5550DA
DALI	●	1T5547DA	1T5548DA


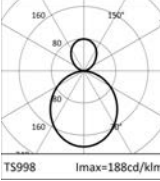
LOGICO


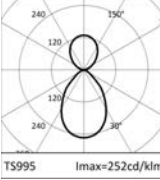
LED / 24W / DOWN UGR										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		74°		EL.	○	1T5563EL	1T5564EL		
	Fixture Power	27W	1	1.51	1669	EL.	●	1T5567EL	1T5568EL	
	Source Flux	3780lm	2	3.02	417	EL.	●	1T5565EL	1T5566EL	
	Fixture Flux	2447lm	3	4.52	185	DALI	○	1T5563DA	1T5564DA	
	Efficacy	91lm/W	4	6.03	104	DALI	●	1T5567DA	1T5568DA	
TS992	Imax=442cd/klm	Imax	1669cd	5	7.54	67	DALI	●	1T5565DA	1T5566DA

LED / 36W / DOWN WW											
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		97°	101°		EL.	○	1T5575EL	1T5576EL		
	Fixture Power	40W	1	2.28	2.55	4201	EL.	●	1T5579EL	1T5580EL	
	Source Flux	5220lm	2	4.56	5.10	1050	EL.	●	1T5577EL	1T5578EL	
	Fixture Flux	4108lm	3	6.84	7.64	467	DALI	○	1T5575DA	1T5576DA	
	Efficacy	103lm/W	4	9.12	10.19	163	DALI	●	1T5579DA	1T5580DA	
TS993	Imax=1001cd/klm	Imax	5228cd	5	11.40	12.74	268	DALI	●	1T5577DA	1T5578DA

LED / 72W / DOWN WW											
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		97°	101°		EL.	○	1T5581EL	1T5582EL		
	Fixture Power	81W	1	2.28	2.55	8305	EL.	●	1T5585EL	1T5586EL	
	Source Flux	10320lm	2	4.56	5.10	2076	EL.	●	1T5583EL	1T5584EL	
	Fixture Flux	8122lm	3	6.84	7.64	923	DALI	○	1T5581DA	1T5582DA	
	Efficacy	100lm/W	4	9.12	10.19	519	DALI	●	1T5585DA	1T5586DA	
TS997	Imax=1001cd/klm	Imax	10335cd	5	11.40	12.74	332	DALI	●	1T5583DA	1T5584DA

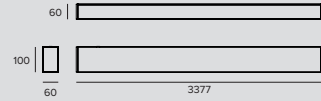
LED / 60W / UP-DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		106°		EL.	○	1T5551EL	1T5552EL		
	Fixture Power	68W	1	2.66	1290	EL.	●	1T5555EL	1T5556EL	
	Source Flux	8700lm	2	5.33	322	EL.	●	1T5553EL	1T5554EL	
	Fixture Flux	5909lm	3	7.99	143	DALI	○	1T5551DA	1T5552DA	
	Efficacy	87lm/W	4	10.65	81	DALI	●	1T5555DA	1T5556DA	
TS994	Imax=148cd/klm	Imax	1290cd	5	13.32	52	DALI	●	1T5553DA	1T5554DA

LED / 96W / UP-DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		106°		EL.	○	1T5575EL	1T5576EL		
	Fixture Power	107W	1	2.66	2595	EL.	●	1T5561EL	1T5562EL	
	Source Flux	13800lm	2	5.33	649	EL.	●	1T5559EL	1T5560EL	
	Fixture Flux	9382lm	3	7.99	288	DALI	○	1T5575DA	1T5576DA	
	Efficacy	88lm/W	4	10.65	162	DALI	●	1T5561DA	1T5562DA	
TS998	Imax=188cd/klm	Imax	2595cd	5	13.32	104	DALI	●	1T5559DA	1T5560DA

LED / 40W / UP-DOWN UGR										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		74°		EL.	○	1T5569EL	1T5570EL		
	Fixture Power	45W	1	1.51	1590	EL.	●	1T5573EL	1T5574EL	
	Source Flux	6300lm	2	3.02	398	EL.	●	1T5571EL	1T5572EL	
	Fixture Flux	4160lm	3	4.52	177	DALI	○	1T5569DA	1T5570DA	
	Efficacy	92lm/W	4	6.03	99	DALI	●	1T5573DA	1T5574DA	
TS995	Imax=252cd/klm	Imax	1590cd	5	7.54	64	DALI	●	1T5571DA	1T5572DA



Stand Alone Ceiling/Suspension linear module L. 3377mm



LED / 72W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	81W	1	2.66	2708	
	Source Flux	10440lm	2	5.33	677	
	Fixture Flux	7110lm	3	7.99	301	
	Efficacy	88lm/W	4	10.65	169	
	TS991	Imax=259cd/klm	Imax	2708cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5587EL	1T5588EL
EL.	●	1T5591EL	1T5592EL
EL.	●	1T5589EL	1T5590EL
DALI	○	1T5587DA	1T5588DA
DALI	●	1T5591DA	1T5592DA
DALI	●	1T5589DA	1T5590DA

LED / 144W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		106°			
	Fixture Power	163W	1	2.66	5354	
	Source Flux	20640lm	2	5.33	1338	
	Fixture Flux	14056lm	3	7.99	595	
	Efficacy	86lm/W	4	10.65	335	
	TS996	Imax=259cd/klm	Imax	5354cd	5	13.32

Driver	Colour	3000K	4000K
EL.	○	1T5593EL	1T5594EL
EL.	●	1T5597EL	1T5598EL
EL.	●	1T5595EL	1T5596EL
DALI	○	1T5593DA	1T5594DA
DALI	●	1T5597DA	1T5598DA
DALI	●	1T5595DA	1T5596DA

LED / 48W / DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		74°			
	Fixture Power	54W	1	1.51	3338	
	Source Flux	7560lm	2	3.02	834	
	Fixture Flux	4894lm	3	4.52	371	
	Efficacy	91lm/W	4	6.03	209	
	TS992	Imax=442cd/klm	Imax	3338cd	5	7.54

Driver	Colour	3000K	4000K
EL.	○	1T5611EL	1T5612EL
EL.	●	1T5615EL	1T5616EL
EL.	●	1T5613EL	1T5614EL
DALI	○	1T5611DA	1T5612DA
DALI	●	1T5615DA	1T5616DA
DALI	●	1T5613DA	1T5614DA

LED / 72W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	81W	1	2.28	2.55	8402	
	Source Flux	10440lm	2	4.56	5.10	2101	
	Fixture Flux	8216lm	3	6.84	7.64	934	
	Efficacy	101lm/W	4	9.12	10.19	525	
	TS993	Imax=1001cd/klm	Imax	1045cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5623EL	1T5624EL
EL.	●	1T5627EL	1T5628EL
EL.	●	1T5625EL	1T5626EL
DALI	○	1T5623DA	1T5624DA
DALI	●	1T5627DA	1T5628DA
DALI	●	1T5625DA	1T5626DA

LED / 144W / DOWN WW



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra84		97°	101°			
	Fixture Power	163W	1	2.28	2.55	16611	
	Source Flux	20640lm	2	4.56	5.10	4153	
	Fixture Flux	16244lm	3	6.84	7.64	1846	
	Efficacy	100lm/W	4	9.12	10.19	1038	
	TS997	Imax=1001cd/klm	Imax	2067cd	5	11.40	12.74

Driver	Colour	3000K	4000K
EL.	○	1T5629EL	1T5630EL
EL.	●	1T5633EL	1T5634EL
EL.	●	1T5631EL	1T5632EL
DALI	○	1T5629DA	1T5630DA
DALI	●	1T5633DA	1T5634DA
DALI	●	1T5631DA	1T5632DA

LOGICO

LED / 120W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
Ra84				106°	
Fixture Power	136W	1	2.66	2579	
Source Flux	17400lm	2	5.33	645	
Fixture Flux	11818lm	3	7.99	287	
Efficacy	87lm/W	4	10.65	161	
TS994	Imax=148cd/klm	Imax	2579cd	5	13.32
					103

Driver	Colour	3000K	4000K
EL.	○	1T5599EL	1T5600EL
EL.	●	1T5603EL	1T5604EL
EL.	●	1T5601EL	1T5602EL
DALI	○	1T5599DA	1T5600DA
DALI	●	1T5603DA	1T5604DA
DALI	●	1T5601DA	1T5602DA

LED / 192W / UP-DOWN OPAL



		3000K	H(m)	D(m)	Emax(lx)
Ra84				106°	
Fixture Power	218W	1	2.66	5183	
Source Flux	27560lm	2	5.33	1296	
Fixture Flux	18736lm	3	7.99	576	
Efficacy	86lm/W	4	10.65	324	
TS998	Imax=188cd/klm	Imax	5183cd	5	13.32
					207

Driver	Colour	3000K	4000K
EL.	○	1T5605EL	1T5606EL
EL.	●	1T5609EL	1T5610EL
EL.	●	1T5607EL	1T5608EL
DALI	○	1T5605DA	1T5606DA
DALI	●	1T5609DA	1T5610DA
DALI	●	1T5607DA	1T5608DA

LED / 80W / UP-DOWN UGR

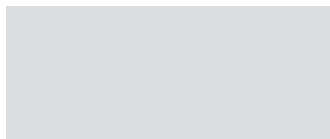
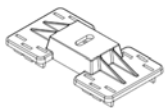


		3000K	H(m)	D(m)	Emax(lx)
Ra84				74°	
Fixture Power	91W	1	1.51	3181	
Source Flux	12600lm	2	3.02	795	
Fixture Flux	8320lm	3	4.52	353	
Efficacy	91lm/W	4	6.03	199	
TS995	Imax=252cd/klm	Imax	3181cd	5	7.54
					127

Driver	Colour	3000K	4000K
EL.	○	1T5617EL	1T5618EL
EL.	●	1T5621EL	1T5622EL
EL.	●	1T5619EL	1T5620EL
DALI	○	1T5617DA	1T5618DA
DALI	●	1T5621DA	1T5622DA
DALI	●	1T5619DA	1T5620DA

Related codes

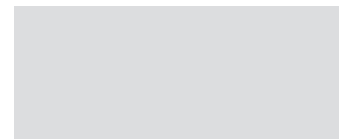
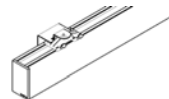
Mounting System



Colour	Code
○	1T5912
●	1T5913
●	1T5914

Ceiling installation: polycarbonate bracket.

To be ordered in the following quantities for every fixture length: 2 for the 1135 / 1695 mm version, 3 for the 3377mm version.



Colour	Code
○	1T6919
●	1T6920
●	1T6921

Wall installation: painted metal bracket.

To be ordered in the following quantities for every fixture length: 2 for the 1135 / 1695mm version and 3 for the 3377mm version.

Suspension



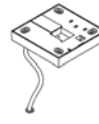
L	Colour	Code
2000	○	1T5899
2000	●	1T5900
2000	●	1T5901
4000	○	1T5902
4000	●	1T5903
4000	●	1T5904

Suspension cable.

To be ordered in the following quantities for every fixture length: 2 for the 1135 / 1695 mm version, 3 for the 3377mm version.

Suspension cable compatible with ceiling or wall installations, even inclined.

Power Supply Kit



L	Driver	Colour	Code
4000	EL.	○	1T5905EL
4000	EL.	●	1T5906EL
4000	EL.	●	1T5907EL
4000	DALI	○	1T5905DA
4000	DALI	●	1T5906DA
4000	DALI	●	1T5907DA

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: 4 for the 1135mm versions, 6 for the 1695mm versions and 12 for the 3377mm versions.

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.

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



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.

It prevents any change to the management features provided by the Casambi system.

Note

Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.

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 6647lm
3000K – 4000K
Ra84

PRODUCT EFFICACY

Up to 121lm/W

OPTICS

VWFL

POWER SUPPLY

Electronic – DALI

MATERIAL

Extruded aluminium body with aluminium terminals. Plaster white finish.

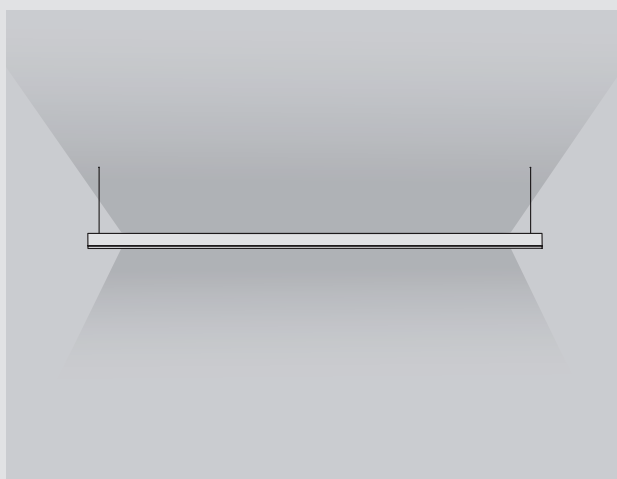
The range of technical suspension fixtures for the office environment with soft lines and professional performance. Square and rectangular solutions for suspension, ceiling mounted and wall mounted installations.

Different light emissions: direct, indirect and combined direct/indirect in just one fixture. Available in a UGR<19 version.



CARTESIO plus

01



Lighting for the office

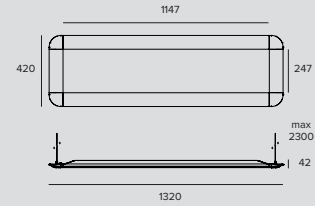
The rectangular CARTESIO versions, fitted with the direct emission component guarantee more than 500lux on the work surface, in line with the requirements outlined in the EN12464-1 standard and have a UGR value of 16 which is considerably lower than the limits indicated in the standard (UGR<19), which 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



LED / 48W / VWFL

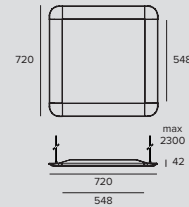


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		88°	92°			
	Fixture Power	55W	1	1.95	2.08	1441	
	Source Flux	6402lm	2	3.90	4.15	360	
	Fixture Flux	6402lm	3	5.84	6.23	160	
	Efficacy	116lm/W	4	7.79	8.30	90	
TS803	I _{max} =234cd/klm	I _{max}	1497cd	5	9.74	10.38	58

Driver	Colour	3000K	4000K
EL.	○	1T4063	1T4065
DALI	○	1T4067	1T4069



Square Suspension



LED / 26W / VWFL

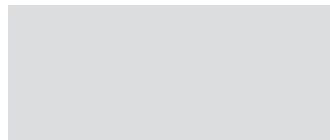


	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra80		119°			
	Fixture Power	30W	1	3.37	891	
	Source Flux	2776lm	2	6.73	223	
	Fixture Flux	2776lm	3	10.10	99	
	Efficacy	94lm/W	4	13.47	56	
TS843	I _{max} =321cd/klm	I _{max}	891cd	5	16.83	36

Driver	Colour	3000K	4000K
EL.	○	1T4241	1T4243
DALI	○	1T4242	1T4244

Related codes

Canopy

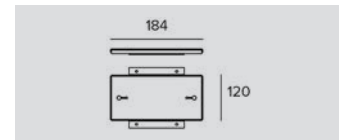


Driver	Colour	Code
EL.	○	1T4071
DALI	○	1T4072

Canopy.

Accessories

Rectangular suspension connector

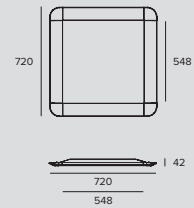


Driver	Code
EL.	1T4075
DALI	1T4240

Linear connector.



Square Wall/Ceiling



LED / 26W / VWFL

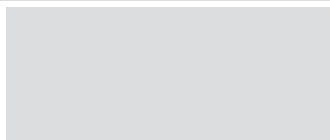


	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		119*			
	Fixture Power	30W	1	3.37	891	
	Source Flux	2776lm	2	6.73	223	
	Fixture Flux	2776lm	3	10.10	99	
	Efficacy	94lm/W	4	13.47	56	
TS843	Imax=321cd/klm	Imax	891cd	5	16.83	36

Driver	Colour	3000K	4000K
EL.	○	1T4245	1T4247
DALI	○	1T4246	1T4248

Accessories

Control systems

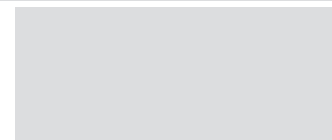


Code

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. 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



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. It prevents any change to the management features provided by the Casambi system.

DIVA

GENERAL INFO

Stand-alone direct or indirect light suspension lamp
1335x435x87mm

LED

Direct lighting LED boards
Indirect lighting LED COB
From 6402lm to 6647lm
3000K – 4000K
Ra84

PRODUCT EFFICACY

Up to 121lm/W

OPTICS

VWFL

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°.



DIVA plus

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



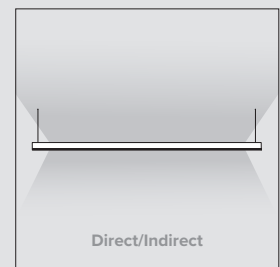
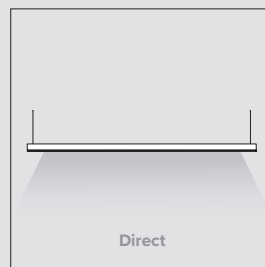
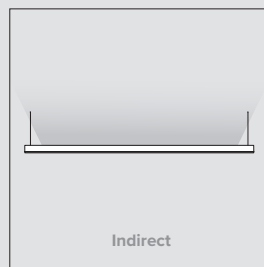
DIVA hides professional technology

suitable for office lighting that meets all the regulations specified in the EN 12464-1 standard in terms of luminance, colour rendering and glare.

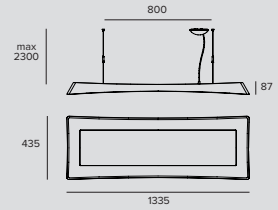
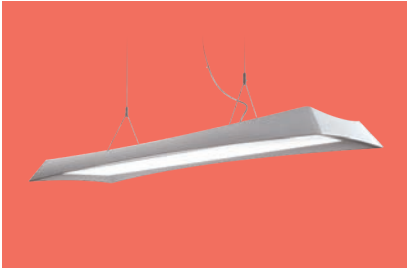
03

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 / VWFL



3000K	Ra84	H(m)		D1(m)		D2(m)		Emax(lx)	
		1	2	3	4	5	88°	92°	
Fixture Power	55W	1	1.95	2.08	1441				
Source Flux	6402lm	2	3.90	4.15	360				
Fixture Flux	6402lm	3	5.84	6.23	160				
Efficacy	116lm/W	4	7.79	8.30	90				
TS803	Imax=234cd/klm	Imax	1497cd	5	9.74	10.38	58		

Driver	Colour	3000K	4000K
EL.	○	1T4522	1T4524
DALI	○	1T4523	1T4525

Accessories

Control systems



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.

It prevents any change to the management features provided by the Casambi system.



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
Ra80/Ra84

PRODUCT EFFICACY

Up to 114lm/W

OPTICS

VWFL

POWER SUPPLY

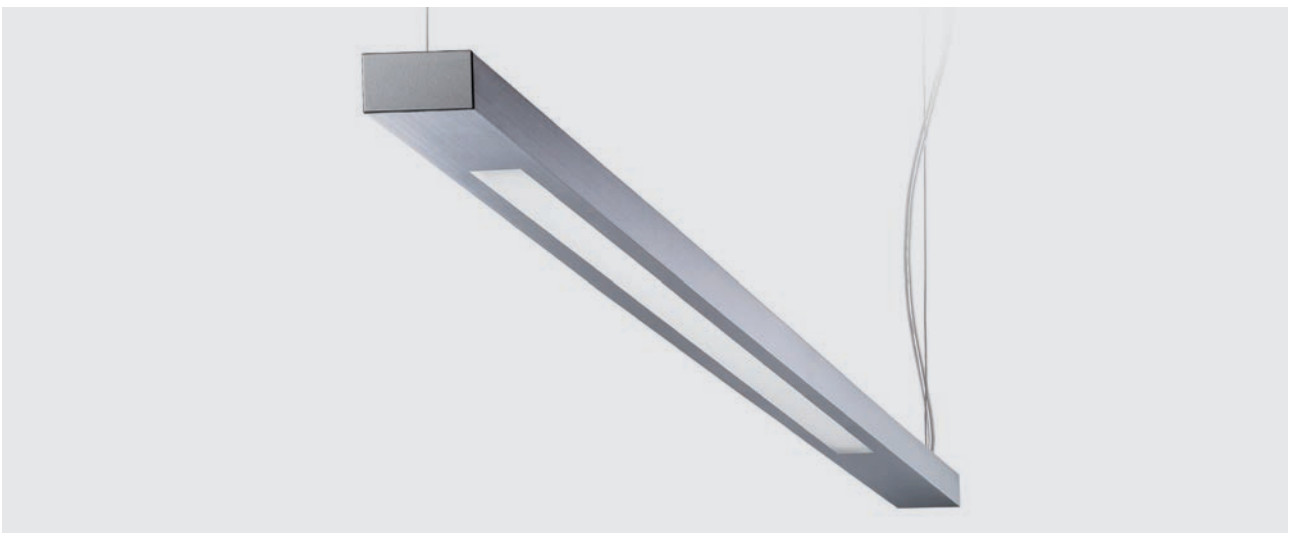
Electronic

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.

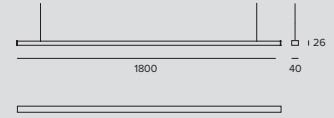
There is also a linear version that can be configured in a system or stand alone, as well as a rectangular version that is particularly suitable for lighting open spaces.



SLIM



Line
L. 1800mm



LED / 18W / INDIRECT / VWFL



		3000K	H(m)	D(m)	Emax(lx)
		Ra84		115°	
Fixture Power	21W	1	3.13	822	
Source Flux	2590lm	2	6.26	206	
Fixture Flux	2353lm	3	9.39	91	
Efficacy	112lm/W	4	12.52	51	
TS751	I _{max} =318cd/klm	I _{max}	824cd	5	15.65
				33	

Driver	Colour	3000K
EL.		1T4186



Line
L. 3370mm



LED / 36W / INDIRECT / VWFL

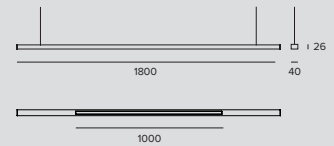


		3000K	H(m)	D(m)	Emax(lx)
		Ra84		115°	
Fixture Power	42W	1	3.13	1645	
Source Flux	5180lm	2	6.26	411	
Fixture Flux	4705lm	3	9.39	183	
Efficacy	112lm/W	4	12.52	103	
TS751	I _{max} =318cd/klm	I _{max}	1648cd	5	15.65
				66	

Driver	Colour	3000K
EL.		1T4188



Line
L. 1800mm



LED / 39W / DIRECT/INDIRECT / VWFL



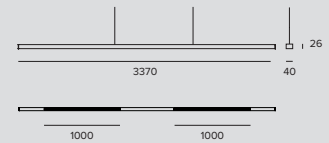
		3000K	H(m)	D(m)	Emax(lx)
		Ra84		95°	
Fixture Power	44W	1	2.19	818	
Source Flux	5620lm	2	4.37	205	
Fixture Flux	4193lm	3	6.56	91	
Efficacy	95lm/W	4	8.75	51	
TS752	I _{max} =147cd/klm	I _{max}	824cd	5	10.93
				33	

Driver	Colour	3000K
EL.		1T4187

SLIM



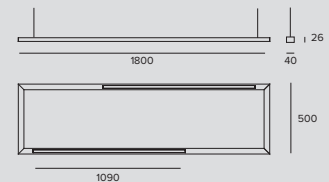
Line
L. 3370mm



LED / 78W / DIRECT/INDIRECT / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84			95°	EL.		1T4189
	Fixture Power	88W	1	2.19	1636		
	Source Flux	11240lm	2	4.37	409		
	Fixture Flux	8386lm	3	6.56	182		
	Efficacy	95lm/W	4	8.75	102		
TS752	I _{max} =147cd/klm	I _{max}	1649cd	5	10.93	65	



Rectangle
L. 1800mm



LED / 48W / INDIRECT / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84			115°	EL.		1T4190
	Fixture Power	55W	1	3.13	2185		
	Source Flux	6880lm	2	6.26	546		
	Fixture Flux	6249lm	3	9.39	243		
	Efficacy	114lm/W	4	12.52	137		
TS751	I _{max} =318cd/klm	I _{max}	2189cd	5	15.65	87	

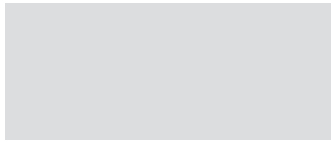
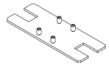
LED / 96W / DIRECT/INDIRECT / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84			95°	EL.		1T4191
	Fixture Power	110W	1	2.19	2003		
	Source Flux	13760lm	2	4.37	501		
	Fixture Flux	10266lm	3	6.56	223		
	Efficacy	93lm/W	4	8.75	125		
TS752	I _{max} =147cd/klm	I _{max}	2019cd	5	10.93	80	

Related codes

Power Supply Kit	
Code	Code
1V7213	1V7523
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

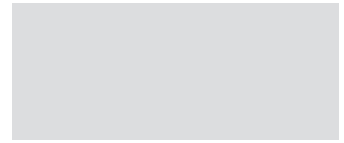
Connector



Code

1V7344

Joint for connecting two modules in a straight line. For the codes: 1T4186, 1T4187, 1T4188.

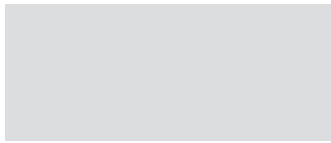


Code

1V7345

Joint for connecting two modules at 90°. For the codes: 1T4186, 1T4187, 1T4188.

Connector

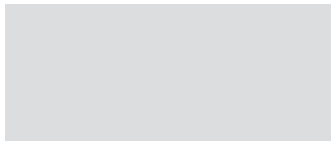


Code

1V7343

Joint for connecting two modules in a line. For the codes: 1T4190, 1T4191.

Suspension

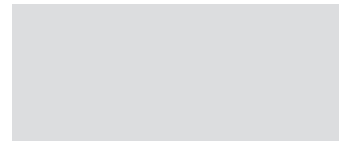


L Code

10000 **1V7264**

Steel suspension cable.
Accessory to be ordered only for installations higher than 2000mm.

Cable



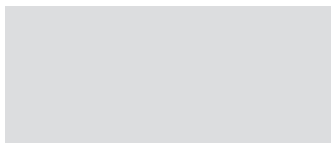
L Code

5000 **1V7262**

10000 **1V7263**

Three pole feeding cable.
Accessory to be ordered only for installations higher than 2000mm.

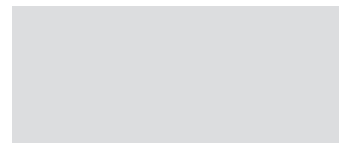
Canopy



Code

1V7213AB

Canopy without feeding cable.
Circular.



Code

1V7524

Canopy without feeding cable.
Square.

MINIMINIMA

CEILING AND 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.

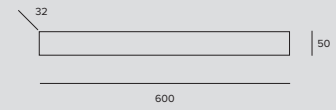
Available also in a wall mounted version.



MINIMINIMA



Ceiling

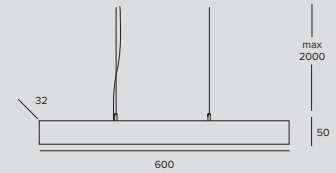


LED / 12W / DIRECT / VWFL ☺ 1.2 IP40

	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra80		113°		EL.	●	1T4178
Fixture Power	14W	1	3.01	326	EL.	●	1T4179
Source Flux	1720lm	2	6.02	81	EL.	○	1T4180
Fixture Flux	875lm	3	9.02	36	EL.	●	1T4181
Efficacy	62lm/W	4	12.03	20			
TS748	Imax=190cd/klm	Imax	326cd	5	15.04	13	



Suspension



LED / 12W / DIRECT / VWFL ☺ 1.5 IP40

	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra80		113°		EL.	●	1T4182
Fixture Power	14W	1	3.01	326	EL.	●	1T4183
Source Flux	1720lm	2	6.02	81	EL.	○	1T4184
Fixture Flux	875lm	3	9.02	36	EL.	●	1T4185
Efficacy	62lm/W	4	12.03	20			
TS748	Imax=190cd/klm	Imax	326cd	5	15.04	13	

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.



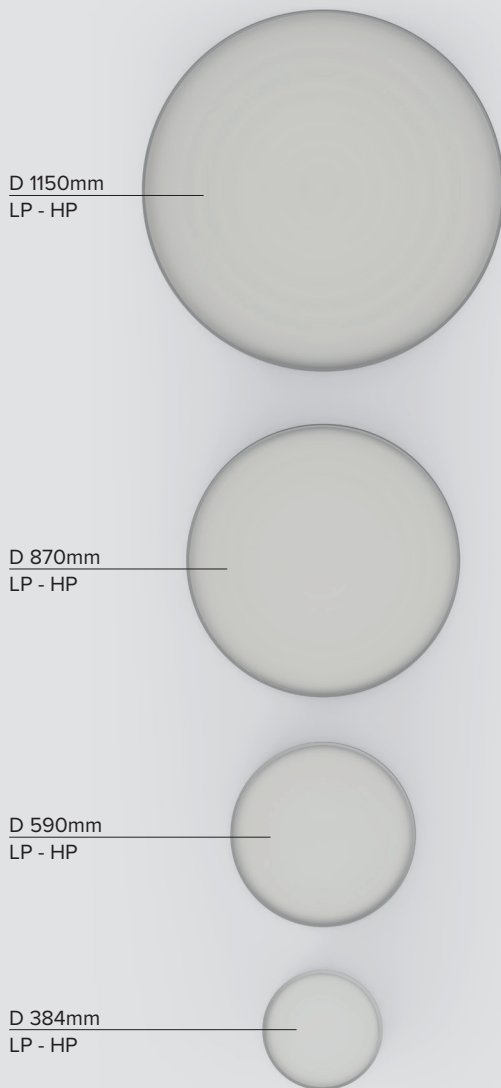


THÉÂTRE DE GENNEVILLIERS 2018

COUNTRY
Gennevilliers - France

THREESIXTY plus

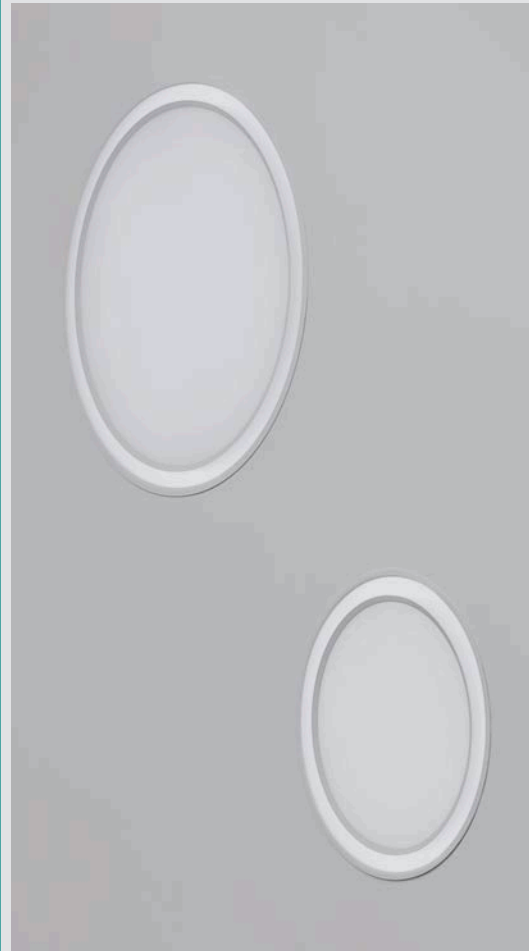
01



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



03



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

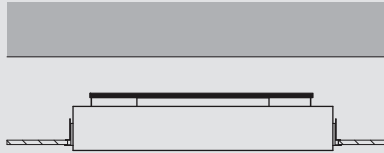
diffused light, controlled light
UGR<19 and a particular Halo effect.



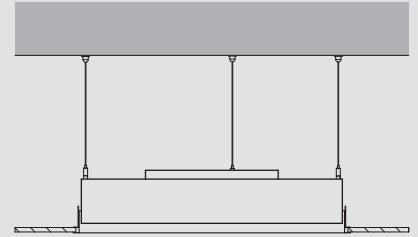
Different lumen packages

for every diameter to light spaces with the same design.

RECESSED - SEMI RECESSED

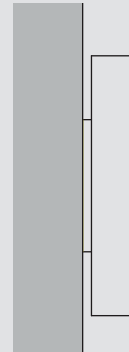
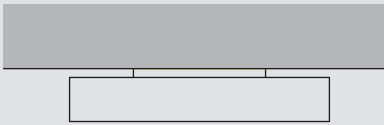


Frame

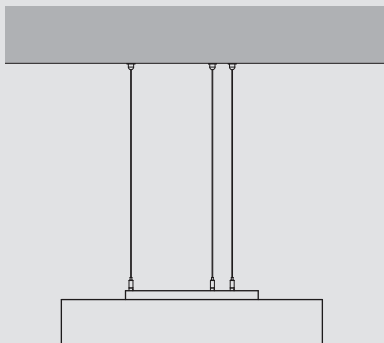


Adjustable frame

WALL AND CEILING MOUNTED



SUSPENSION



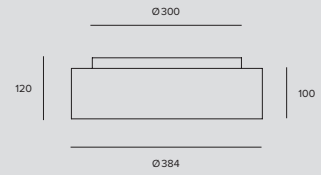
One single body for five different installation solutions.

The recessed version has an outer casing with a flange that attaches directly to the ceiling. The larger versions (870 and 1150mm) require a simple frame accessory to attach to the ceiling. An outer casing or a frame can be used for semi-recessed installations.

THREESIXTY



Ø 384mm



LED / 21W / DOWN OPAL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		114°			
	Fixture Power	24W	1	3.09	636	
	Source Flux	3033lm	2	6.17	159	
	Fixture Flux	1836lm	3	9.26	71	
	Efficacy	76lm/W	4	12.35	40	
	TS1002	Imax=210cd/klm	Imax	636cd	5	15.43

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

LED / 29W / DOWN OPAL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		114°			
	Fixture Power	33W	1	3.09	848	
	Source Flux	4044lm	2	6.17	212	
	Fixture Flux	2448lm	3	9.26	78	
	Efficacy	74lm/W	4	12.35	54	
	TS1003	Imax=210cd/klm	Imax	848cd	5	15.43

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

LED / 13W / DOWN UGR

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		92°			
	Fixture Power	15W	1	2.07	702	
	Source Flux	2017lm	2	4.15	176	
	Fixture Flux	1458lm	3	6.22	78	
	Efficacy	97lm/W	4	8.29	44	
	TS1018	Imax=348cd/klm	Imax	702cd	5	10.36

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

LED / 29W / UP-DOWN OPAL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		114°			
	Fixture Power	33W	1	3.09	636	
	Source Flux	4475lm	2	6.17	159	
	Fixture Flux	3142lm	3	9.26	71	
	Efficacy	95lm/W	4	12.35	40	
	TS1004	Imax=142cd/klm	Imax	636cd	5	15.43

Driver	Colour	3000K	4000K
EL.	○	1T6090EL	1T6091EL
EL.	●	1T6094EL	1T6095EL
EL.	●	1T6092EL	1T6093EL
DALI	○	1T6090DA	1T6091DA
DALI	●	1T6094DA	1T6095DA
DALI	●	1T6092DA	1T6093DA

LED / 37W / UP-DOWN OPAL

	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		114°			
	Fixture Power	42W	1	3.09	848	
	Source Flux	5486lm	2	6.17	212	
	Fixture Flux	3754lm	3	9.26	94	
	Efficacy	89lm/W	4	12.35	53	
	TS1014	Imax=155cd/klm	Imax	848cd	5	15.43

Driver	Colour	3000K	4000K
EL.	○	1T6096EL	1T6097EL
EL.	●	1T6100EL	1T6101EL
EL.	●	1T6098EL	1T6099EL
DALI	○	1T6096DA	1T6097DA
DALI	●	1T6100DA	1T6101DA
DALI	●	1T6098DA	1T6099DA

LED / 21W / UP-DOWN UGR



	3000K	H(m)	D(m)	Emax(lx)
Ra84			92°	
Fixture Power	24W	1	2.07	711
Source Flux	3484lm	2	4.15	178
Fixture Flux	2783lm	3	6.22	79
Efficacy	116lm/W	4	8.29	44
TS1021	Imax=204cd/klm	Imax	711cd	5
			10.36	28

Driver	Colour	3000K	4000K
EL.	○	1T6126EL	1T6127EL
EL.	●	1T6130EL	1T6131EL
EL.	◐	1T6128EL	1T6129EL
DALI	○	1T6126DA	1T6127DA
DALI	●	1T6130DA	1T6131DA
DALI	◐	1T6128DA	1T6129DA

LED / 35W (40,5W FIXTURE POWER) / OPAL + HALO



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.

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

LED / 43W (49,5W FIXTURE POWER) / OPAL + HALO



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.

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

LED / 27W (31,5W FIXTURE POWER) / UGR + HALO

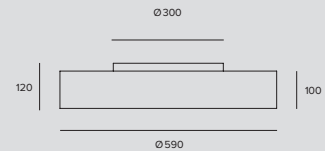


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

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



Ø 590mm



LED / 50W / DOWN OPAL



	3000K	H(m)	D(m)	Emax(lx)
Ra84			114°	
Fixture Power	57W	1	3.09	1555
Source Flux	7418lm	2	6.17	389
Fixture Flux	4490lm	3	9.26	173
Efficacy	79lm/W	4	12.35	97
TS1002	Imax=210cd/klm	Imax	1555cd	5
			15.43	62

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

THREESIXTY

LED / 67W / DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		114°		EL.	○	1T6144EL	1T6145EL		
	Fixture Power	75W	1	3.09	2079	EL.	●	1T6148EL	1T6149EL	
	Source Flux	9917lm	2	6.17	520	EL.	●	1T6146EL	1T6147EL	
	Fixture Flux	6003lm	3	9.26	231	DALI	○	1T6144DA	1T6145DA	
	Efficacy	80lm/W	4	12.35	130	DALI	●	1T6148DA	1T6149DA	
	TS1003	Imax=210cd/klm	Imax	2079cd	5	15.43	83	DALI	●	1T6146DA

LED / 31W / DOWN UGR										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		92°		EL.	○	1T6174EL	1T6175EL		
	Fixture Power	35W	1	2.07	1722	EL.	●	1T6178EL	1T6179EL	
	Source Flux	4944lm	2	4.15	430	EL.	●	1T6176EL	1T6177EL	
	Fixture Flux	3575lm	3	6.22	191	DALI	○	1T6174DA	1T6175DA	
	Efficacy	102lm/W	4	8.29	108	DALI	●	1T6178DA	1T6179DA	
	TS1019	Imax=348cd/klm	Imax	1722cd	5	10.36	69	DALI	●	1T6176DA

LED / 67W / UP-DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		114°		EL.	○	1T6162EL	1T6163EL		
	Fixture Power	75W	1	3.09	1555	EL.	●	1T6166EL	1T6167EL	
	Source Flux	10112lm	2	6.17	389	EL.	●	1T6164EL	1T6165EL	
	Fixture Flux	6932lm	3	9.26	173	DALI	○	1T6162DA	1T6163DA	
	Efficacy	91lm/W	4	12.35	97	DALI	●	1T6166DA	1T6167DA	
	TS1005	Imax=154cd/klm	Imax	1555cd	5	15.43	62	DALI	●	1T6164DA

LED / 84W / UP-DOWN OPAL										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		114°		EL.	○	1T6168EL	1T6169EL		
	Fixture Power	94W	1	3.09	2080	EL.	●	1T6172EL	1T6173EL	
	Source Flux	12611lm	2	6.17	520	EL.	●	1T6170EL	1T6171EL	
	Fixture Flux	8445lm	3	9.26	231	DALI	○	1T6168DA	1T6169DA	
	Efficacy	90lm/W	4	12.35	130	DALI	●	1T6172DA	1T6173DA	
	TS1015	Imax=165cd/klm	Imax	2080cd	5	15.43	83	DALI	●	1T6170DA

LED / 48W / UP-DOWN UGR										
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K		
	Ra84		92°		EL.	○	1T6198EL	1T6199EL		
	Fixture Power	54W	1	2.07	1740	EL.	●	1T6202EL	1T6203EL	
	Source Flux	7692lm	2	4.15	435	EL.	●	1T6200EL	1T6201EL	
	Fixture Flux	6055lm	3	6.22	193	DALI	○	1T6198DA	1T6199DA	
	Efficacy	112lm/W	4	8.29	109	DALI	●	1T6202DA	1T6203DA	
	TS1020	Imax=226cd/klm	Imax	1740cd	5	10.36	70	DALI	●	1T6200DA

LED / 70W (81W FIXTURE POWER) / OPAL + HALO								
<p>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.</p>					Driver	Colour	3000K	4000K
					EL.	○	1T6150EL	1T6151EL
					EL.	●	1T6154EL	1T6155EL
					EL.	●	1T6152EL	1T6153EL
					DALI	○	1T6150DA	1T6151DA
					DALI	●	1T6154DA	1T6155DA
					DALI	●	1T6152DA	1T6153DA

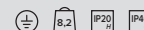
LED / 87W (99W FIXTURE POWER) / OPAL + HALO



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.

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

LED / 51W (59W FIXTURE POWER) / UGR + HALO

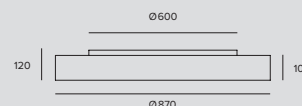


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

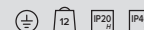
Driver	Colour	3000K	4000K
EL.	○	1T6186EL	1T6187EL
EL.	●	1T6190EL	1T6191EL
EL.	●	1T6188EL	1T6189EL
DALI	○	1T6186DA	1T6187DA
DALI	●	1T6190DA	1T6191DA
DALI	●	1T6188DA	1T6189DA



Ø 870mm



LED / 113W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				114*	
Fixture Power	127W	1	3.09	3404	
Source Flux	16238lm	2	6.17	851	
Fixture Flux	9829lm	3	9.26	378	
Efficacy	77lm/W	4	12.35	213	
TS1002	I _{max} =210cd/klm	I _{max}	3404cd	5	15.43
				5	136

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

LED / 144W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				114*	
Fixture Power	162W	1	3.09	4548	
Source Flux	21693lm	2	6.17	1137	
Fixture Flux	13131lm	3	9.26	505	
Efficacy	81lm/W	4	12.35	284	
TS1003	I _{max} =210cd/klm	I _{max}	4548cd	5	15.43
				5	182

Driver	Colour	3000K	4000K
EL.	○	1T6216EL	1T6217EL
EL.	●	1T6220EL	1T6221EL
EL.	●	1T6218EL	1T6219EL
DALI	○	1T6216DA	1T6217DA
DALI	●	1T6220DA	1T6221DA
DALI	●	1T6218DA	1T6219DA

LED / 146W / UP-DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				114*	
Fixture Power	164W	1	3.09	3406	
Source Flux	20629lm	2	6.17	852	
Fixture Flux	13813lm	3	9.26	378	
Efficacy	84lm/W	4	12.35	213	
TS1006	I _{max} =165cd/klm	I _{max}	3406cd	5	15.43
				5	136

Driver	Colour	3000K	4000K
EL.	○	1T6234EL	1T6235EL
EL.	●	1T6238EL	1T6239EL
EL.	●	1T6236EL	1T6237EL
DALI	○	1T6234DA	1T6235DA
DALI	●	1T6238DA	1T6239DA
DALI	●	1T6236DA	1T6237DA

THREESIXTY

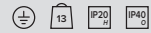
LED / 177W / UP-DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				114*		
Fixture Power	199W	1	3.09	4548		
Source Flux	26084lm	2	6.17	1137		
Fixture Flux	17111lm	3	9.26	505		
Efficacy	86lm/W	4	12.35	284		
TS1016	I _{max} =174cd/klm	I _{max}	4548cd	5	15.43	182

Driver	Colour	3000K	4000K
EL.	○	1T6240EL	1T6241EL
EL.	●	1T6244EL	1T6245EL
EL.	◐	1T6242EL	1T6243EL
DALI	○	1T6240DA	1T6241DA
DALI	●	1T6244DA	1T6245DA
DALI	◐	1T6242DA	1T6243DA

LED / 138W (160W FIXTURE POWER) / OPAL + HALO



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.

Driver	Colour	3000K	4000K
EL.	○	1T6222EL	1T6223EL
EL.	●	1T6226EL	1T6227EL
EL.	◐	1T6224EL	1T6225EL
DALI	○	1T6222DA	1T6223DA
DALI	●	1T6226DA	1T6227DA
DALI	◐	1T6224DA	1T6225DA

LED / 174W (201W FIXTURE POWER) / OPAL + HALO

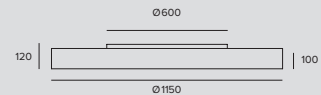


For the photometric curve please see the direct version. Indirect emission with the HALO effect is purely decorative and its effect depends on the type of installation.

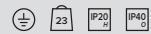
Driver	Colour	3000K	4000K
EL.	○	1T6228EL	1T6229EL
EL.	●	1T6232EL	1T6233EL
EL.	◐	1T6230EL	1T6231EL
DALI	○	1T6228DA	1T6229DA
DALI	●	1T6232DA	1T6233DA
DALI	◐	1T6230DA	1T6231DA



Ø 1150mm



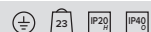
LED / 182W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				114*		
Fixture Power	204W	1	3.09	5760		
Source Flux	27475lm	2	6.17	1440		
Fixture Flux	16631lm	3	9.26	640		
Efficacy	82lm/W	4	12.35	360		
TS1002	I _{max} =210cd/klm	I _{max}	5760cd	5	15.43	230

Driver	Colour	3000K	4000K
EL.	○	1T6246EL	1T6247EL
EL.	●	1T6250EL	1T6251EL
EL.	◐	1T6248EL	1T6249EL
DALI	○	1T6246DA	1T6247DA
DALI	●	1T6250DA	1T6251DA
DALI	◐	1T6248DA	1T6249DA

LED / 243W / DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra84				114*		
Fixture Power	273W	1	3.09	7695		
Source Flux	36705lm	2	6.17	1924		
Fixture Flux	22218lm	3	9.26	855		
Efficacy	81lm/W	4	12.35	481		
TS1003	I _{max} =210cd/klm	I _{max}	7695cd	5	15.43	308

Driver	Colour	3000K	4000K
EL.	○	1T6252EL	1T6253EL
EL.	●	1T6256EL	1T6257EL
EL.	◐	1T6254EL	1T6255EL
DALI	○	1T6252DA	1T6253DA
DALI	●	1T6256DA	1T6257DA
DALI	◐	1T6254DA	1T6255DA

LED / 233W / UP-DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				114*	
Fixture Power	261W	1	3.09	5761	
Source Flux	33649lm	2	6.17	1440	
Fixture Flux	22227lm	3	9.26	640	
Efficacy	85lm/W	4	12.35	360	
TS1007	I _{max} =171cd/klm	I _{max}	5761cd	5	15.43
					230

Driver	Colour	3000K	4000K
EL.	○	1T6270EL	1T6271EL
EL.	●	1T6274EL	1T6275EL
EL.	◐	1T6272EL	1T6273EL
DALI	○	1T6270DA	1T6271DA
DALI	●	1T6274DA	1T6275DA
DALI	◐	1T6272DA	1T6273DA

LED / 294W / UP-DOWN OPAL



		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				114*	
Fixture Power	330W	1	3.09	7696	
Source Flux	42879lm	2	6.17	1924	
Fixture Flux	27815lm	3	9.26	855	
Efficacy	84lm/W	4	12.35	481	
TS1017	I _{max} =179cd/klm	I _{max}	7696cd	5	15.43
					308

Driver	Colour	3000K	4000K
EL.	○	1T6276EL	1T6277EL
EL.	●	1T6280EL	1T6281EL
EL.	◐	1T6278EL	1T6279EL
DALI	○	1T6276DA	1T6277DA
DALI	●	1T6280DA	1T6281DA
DALI	◐	1T6278DA	1T6279DA

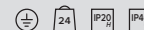
LED / 226W (258W FIXTURE POWER) / OPAL + HALO



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.

Driver	Colour	3000K	4000K
EL.	○	1T6258EL	1T6259EL
EL.	●	1T6262EL	1T6263EL
EL.	◐	1T6260EL	1T6261EL
DALI	○	1T6258DA	1T6259DA
DALI	●	1T6262DA	1T6263DA
DALI	◐	1T6260DA	1T6261DA

LED / 286W (325W FIXTURE POWER) / OPAL + HALO





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.

Driver	Colour	3000K	4000K
EL.	○	1T6264EL	1T6265EL
EL.	●	1T6268EL	1T6269EL
EL.	◐	1T6266EL	1T6267EL
DALI	○	1T6264DA	1T6265DA
DALI	●	1T6268DA	1T6269DA
DALI	◐	1T6266DA	1T6267DA







DIRECT/INDIRECT VERSION: Fitted with separate switches. Three different light effects available: direct light, indirect light and mixed direct/indirect light.

THREESIXTY

Related codes



Suspension			
L	Colour	Code	
2000		1T6282	
4000		1T6285	

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.		1T6288EL	
EL.		1T6289EL	
EL.		1T6290EL	
DALI		1T6288DA	
DALI		1T6289DA	
DALI		1T6290DA	

Accessory for suspension installation composed of a canopy and 3 or 5 poles complete with a 4000mm power cable.

Accessories

Control systems			
	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>1T5349</td> </tr> </tbody> </table> <p>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</p>	Code	1T5349
Code			
1T5349			
	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>1T5352</td> </tr> </tbody> </table> <p>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. It prevents any change to the management features provided by the Casambi system.</p>	Code	1T5352
Code			
1T5352			

NOTE: Consult the assembly instructions to check the number of DALI drivers the fixtures are fitted with.

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.

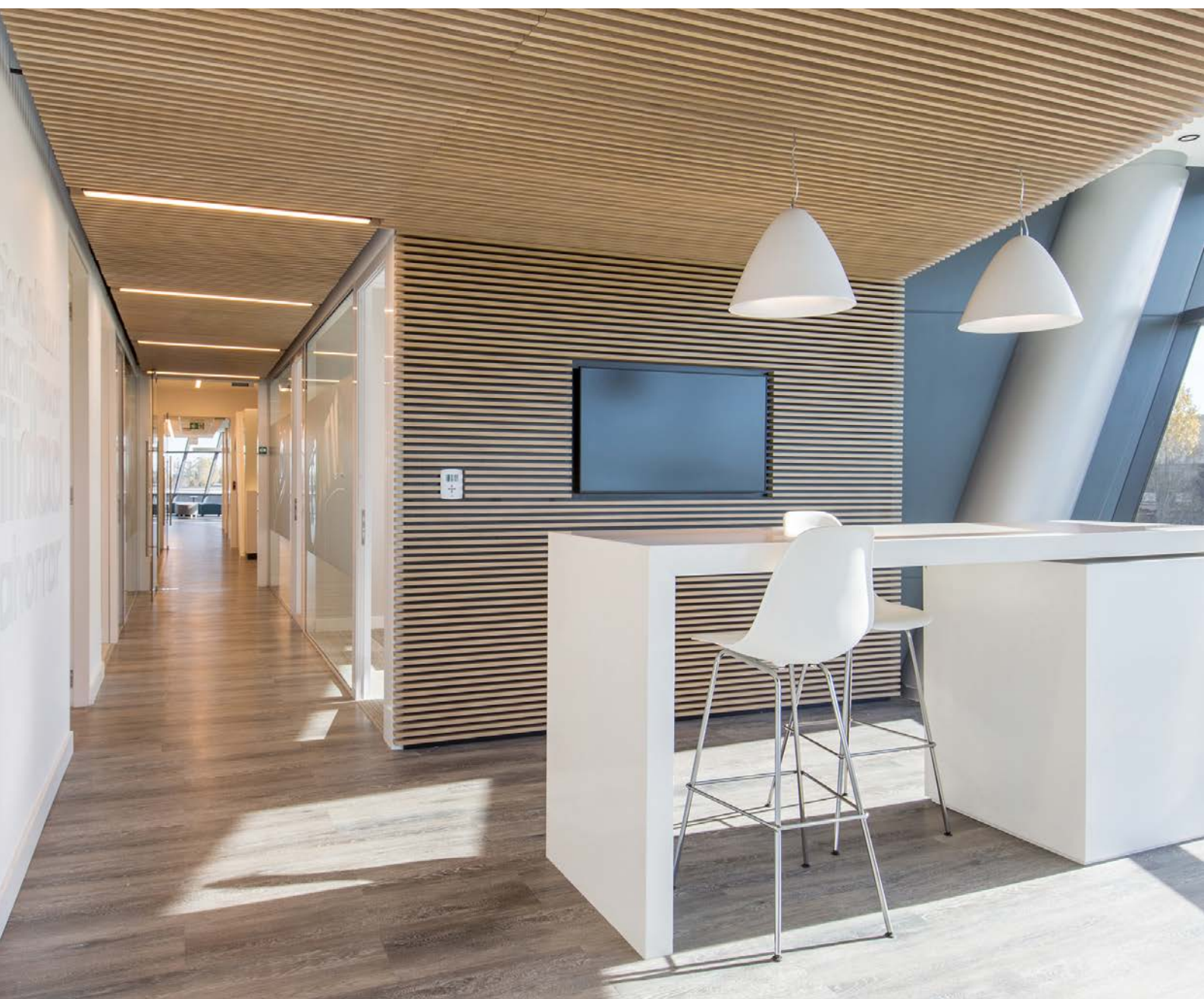
PANTHEON 600 and 700

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 2018

ARCHITECT
Estudio Dovat Arquitectos

LIGHTING DESIGN
Estudio Hofstadter

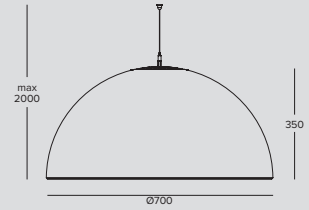
PHOTOGRAPHER
Ferrés - Cánepa

COUNTRY
Montevideo - Uruguay

PANTHEON



Ø 700mm

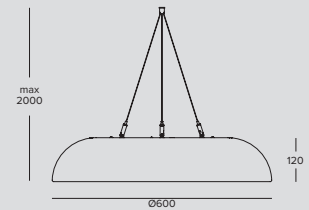


LED / 20W / DIRECT / VWFL					±	5,2	IP20
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply		
	Ra80		71°		220-240Vac		
	Fixture Power	20W	1	1.43	1135	Colour	3000K
	Source Flux	1865lm	2	2.87	284	○	1T4049
	Fixture Flux	1847lm	3	4.30	126		
	Efficacy	92lm/W	4	5.74	71		
	TS806	I _{max} =608cd/klm	I _{max}	1135cd	5	7.17	45

LED / 20W / DIFFUSE / WFL					±	5,2	IP20
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply		
	Ra80		68°		220-240Vac		
	Fixture Power	20W	1	1.36	1101	Colour	3000K
	Source Flux	1865lm	2	2.72	275	○	1T4050
	Fixture Flux	1865lm	3	4.08	122		
	Efficacy	93lm/W	4	5.43	69		
	TS805	I _{max} =590cd/klm	I _{max}	1101cd	5	6.79	44



Ø 600mm Suspension



LED / 18W / DIRECT / VWFL					±	3,6	IP20
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply		
	Ra80		98°		220-240Vac		
	Fixture Power	18W	1	2.28	551	Colour	3000K
	Source Flux	1148lm	2	4.56	138	○	1T4052
	Fixture Flux	1148lm	3	6.84	61		
	Efficacy	64lm/W	4	9.12	34		
	TS810	I _{max} =480cd/klm	I _{max}	551cd	5	11.41	22

LED / 18W / DIFFUSE / VWFL					±	3,6	IP20
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply		
	Ra80		96°		220-240Vac		
	Fixture Power	18W	1	2.20	586	Colour	3000K
	Source Flux	1295lm	2	4.41	147	○	1T4051
	Fixture Flux	1295lm	3	6.61	65		
	Efficacy	72lm/W	4	8.82	37		
	TS809	I _{max} =453cd/klm	I _{max}	586cd	5	11.02	23

Accessories

Canopy



Colour Code
○ **1T3978**

Canopy.

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.

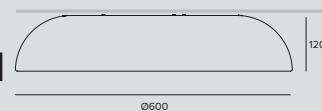
It can manage systems with a maximum absorption of 150W.

The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20



Ø 600mm Ceiling mounted



LED / 18W / DIRECT / VWFL ⊕ 3.2 IP20

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra80		101°	
Fixture Power	18W	1	2.41	546
Source Flux	1199lm	2	4.83	137
Fixture Flux	1199lm	3	7.24	61
Efficacy	67lm/W	4	9.65	34
TS808	I _{max} =456cd/klm	I _{max}	546cd	5 12.07 22

Power supply Colour 3000K
220-240Vac ○ **1T4054**

LED / 18W / DIFFUSE / VWFL ⊕ 3.2 IP20

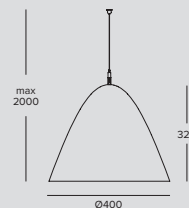
	3000K	H(m)	D(m)	E _{max} (lx)
	Ra80		98°	
Fixture Power	18W	1	2.30	555
Source Flux	1249lm	2	4.61	139
Fixture Flux	1249lm	3	6.91	62
Efficacy	69lm/W	4	9.21	35
TS807	I _{max} =444cd/klm	I _{max}	555cd	5 11.52 22

Power supply Colour 3000K
220-240Vac ○ **1T4053**

PANTHEON



Ø 400mm



LED / 10W / WFL

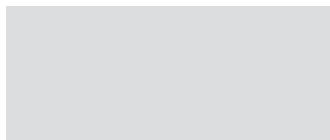
		3000K	H(m)	D(m)	E _{max} (lx)
Ra84				59°	
Fixture Power	10W	1	1.14	902	
Source Flux	708lm	2	2.28	225	
Fixture Flux	708lm	3	3.42	100	
Efficacy	71lm/W	4	4.56	56	
T5789	Imax=1274cd/klm Imax	902cd	5	5.70	36

Power supply	Colour	3000K
220-240Vac	○	1T4055
220-240Vac	●	1T4056



Accessories

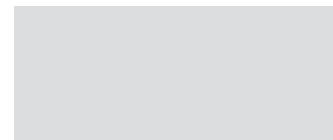
Canopy



Colour	Code
○	1T3978
●	1T5430

Canopy.

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



DERMALOGICA 2017

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.

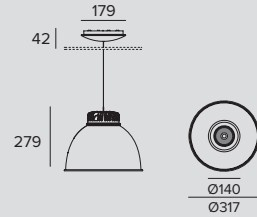
Used together with the recessed version makes it possible to maintain the same effect and the same family feeling but with different installation types.



CCTLED PENDANT



Ambient



LED / 18W / FL					IP20				
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		39°						
	Fixture Power	20W	1	0.71	2757	Driver	3000K	4000K	
	Source Flux	2756lm	2	1.42	689	EL.	1T3274	1T3275	
	Fixture Flux	1663lm	3	2.12	306	DALI	1T3298	1T3299	
TS721	Imax=1000cd/klm	Imax	2757cd	5	3.54	110	EL. EM.	1T3322	1T3323
							DALI EM.	1T3346	1T3347

LED / 25W / FL					IP20				
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		39°						
	Fixture Power	29W	1	0.71	3662	Driver	3000K	4000K	
	Source Flux	3663lm	2	1.42	916	EL.	1T3272	1T3273	
	Fixture Flux	2210lm	3	2.12	407	DALI	1T3296	1T3297	
TS715	Imax=1000cd/klm	Imax	3662cd	5	3.54	146	EL. EM.	1T3320	1T3321
							DALI EM.	1T3344	1T3345

Accessories

Decorative Ring	
Colour	Code
●	1T4061
○	1T4062

Dissipator cover.

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. 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

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. It prevents any change to the management features provided by the Casambi system.



**MOTOR
VILLAGE
2017**

PHOTOGRAPHER
Antonino Ciddio

COUNTRY
Turin - Italy



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.



CCTLED TUBE plus

01



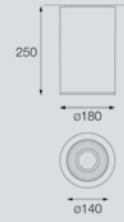
The same optical solutions in the “downlight” version

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.

CCTLED TUBE



Smart
facetted



LED / 18W / FACETTED / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		82°			
	Fixture Power	21W	1	1.73	1466	
	Source Flux	2756lm	2	3.45	367	
	Fixture Flux	2360lm	3	5.18	163	
	Efficacy	111lm/W	4	6.90	92	
	TS658	Imax=592cd/klm	Imax	1632cd	5	8.63

		Driver	Colour	3000K	4000K
		EL.		1T3162	1T3163
		DALI		1T3182	1T3183
		EL. EM.		1T3202	1T3203
		DALI EM.		1T3222	1T3223

LED / 25W / FACETTED / VWFL

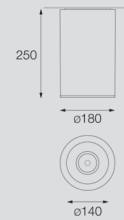


	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		82°			
	Fixture Power	29W	1	1.73	1963	
	Source Flux	3663lm	2	3.45	491	
	Fixture Flux	3160lm	3	5.18	218	
	Efficacy	109lm/W	4	6.90	123	
	TS653	Imax=597cd/klm	Imax	2185cd	5	8.63

		Driver	Colour	3000K	4000K
		EL.		1T3174	1T3175
		DALI		1T3194	1T3195
		EL. EM.		1T3214	1T3215
		DALI EM.		1T3234	1T3235



Smart
matt



LED / 18W / MATT / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		72°			
	Fixture Power	21W	1	1.46	1904	
	Source Flux	2756lm	2	2.91	476	
	Fixture Flux	2337lm	3	4.37	212	
	Efficacy	110lm/W	4	5.82	119	
	TS657	Imax=691cd/klm	Imax	1904cd	5	7.28

		Driver	Colour	3000K	4000K
		EL.		1T3164	1T3165
		EL.		1T4455	
		DALI		1T3184	1T3185
		DALI		1T4457	
		EL. EM.		1T3204	1T3205
		DALI EM.		1T3224	1T3225

LED / 25W / MATT / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		72°			
	Fixture Power	29W	1	1.46	2527	
	Source Flux	3663lm	2	2.92	632	
	Fixture Flux	3106lm	3	4.37	281	
	Efficacy	107lm/W	4	5.83	158	
	TS654	Imax=690cd/klm	Imax	2527cd	5	7.29

		Driver	Colour	3000K	4000K
		EL.		1T3176	1T3177
		EL.		1T4456	
		DALI		1T3196	1T3197
		DALI		1T4458	
		EL. EM.		1T3216	1T3217
		DALI EM.		1T3236	1T3237



Tech facetted



LED / 15W / FACETTED / WFL



	3000K	H(m)	D(m)	E _{max} (lx)
Ra84			70°	
Fixture Power	17W	1	1.39	1689
Source Flux	2520lm	2	2.78	422
Fixture Flux	2070lm	3	4.16	188
Efficacy	120lm/W	4	5.55	106
TS660	I _{max} =721cd/klm	I _{max}	1817cd	5 6.94 68

		Driver	Colour	3000K	4000K
2	ENEC	EL.	○	1T3166	1T3167
2	ENEC	DALI	○	1T3186	1T3187
2.5		EL. EM.	○	1T3206	1T3207
2.5		DALI EM.	○	1T3226	1T3227

LED / 21W / FACETTED / WFL

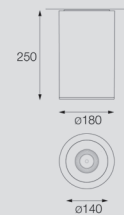


	3000K	H(m)	D(m)	E _{max} (lx)
Ra84			70°	
Fixture Power	24W	1	1.39	2172
Source Flux	3240lm	2	2.78	543
Fixture Flux	2662lm	3	4.16	241
Efficacy	111lm/W	4	5.55	136
TS655	I _{max} =721cd/klm	I _{max}	2336cd	5 6.94 87

		Driver	Colour	3000K	4000K
2	ENEC	EL.	○	1T3178	1T3179
2	ENEC	DALI	○	1T3198	1T3199
2.5		EL. EM.	○	1T3218	1T3219
2.5		DALI EM.	○	1T3238	1T3239



Tech matt



LED / 15W / MATT / WFL



	3000K	H(m)	D(m)	E _{max} (lx)
Ra84			69°	
Fixture Power	17W	1	1.38	1679
Source Flux	2520lm	2	2.77	420
Fixture Flux	2070lm	3	4.15	187
Efficacy	120lm/W	4	5.54	105
TS659	I _{max} =733cd/klm	I _{max}	1847cd	5 6.92 67

		Driver	Colour	3000K	4000K
2	ENEC	EL.	○	1T3168	1T3169
2	ENEC	EL.	●	1T4459	
2	ENEC	DALI	○	1T3188	1T3189
2	ENEC	DALI	●	1T4461	
2.5		EL. EM.	○	1T3208	1T3209
2.5		DALI EM.	○	1T3228	1T3229

LED / 21W / MATT / WFL



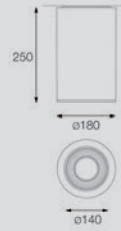
	3000K	H(m)	D(m)	E _{max} (lx)
Ra84			69°	
Fixture Power	24W	1	1.38	2159
Source Flux	3240lm	2	2.77	540
Fixture Flux	2662lm	3	4.15	240
Efficacy	111lm/W	4	5.54	135
TS656	I _{max} =733cd/klm	I _{max}	2375cd	5 6.92 86

		Driver	Colour	3000K	4000K
2	ENEC	EL.	○	1T3180	1T3181
2	ENEC	EL.	●	1T4460	
2	ENEC	DALI	○	1T3200	1T3201
2	ENEC	DALI	●	1T4462	
2.5		EL. EM.	○	1T3220	1T3221
2.5		DALI EM.	○	1T3240	1T3241

CCTLED TUBE



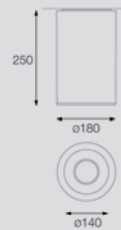
**Feel
facetted**



LED / 14W / FACETTED / VWFL					⊕ IP20			
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			73°					
Fixture Power	15W	1	1.48	967	2	EL.	1T3170	1T3171
Source Flux	2269lm	2	2.96	242	2	DALI	1T3190	1T3191
Fixture Flux	1423lm	3	4.44	107	2,5	EL. EM.	1T3210	1T3211
Efficacy	93lm/W	4	5.92	60	2,5	DALI EM.	1T3230	1T3231
TS662	Imax=501cd/klm	Imax	1137cd	5	7.40	39		



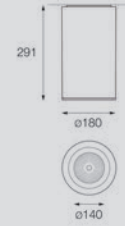
**Feel
matt**



LED / 14W / MATT / WFL					⊕ IP20			
3000K		H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
Ra84			70°					
Fixture Power	15W	1	1.41	898	2	EL.	1T3172	1T3173
Source Flux	2269lm	2	2.82	225	2	EL.	1T4463	
Fixture Flux	1268lm	3	4.23	100	2	DALI	1T3192	1T3193
Efficacy	83lm/W	4	5.64	56	2	DALI	1T4464	
TS663	Imax=415cd/klm	Imax	941cd	5	7.05	36		
					2,5	EL. EM.	1T3212	1T3213
					2,5	DALI EM.	1T3232	1T3233



Deep



LED / 33W / SP



	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			21*			
Fixture Power	36W	1	0.36	24354		
Source Flux	4351lm	2	0.72	6089		
Fixture Flux	3457lm	3	1.09	2706		
Efficacy	97lm/W	4	1.45	1522		
TS708	Imax=5597cd/klm	Imax	24354cd	5	1.81	974

		Driver	Colour	3000K	4000K
		EL.		1T3433	1T3434
		EL.		1T4451	
		DALI		1T3437	1T3438
		DALI		1T4453	
		EL. EM.		1T3441	1T3442
		DALI EM.		1T3445	1T3446

LED / 33W / FL



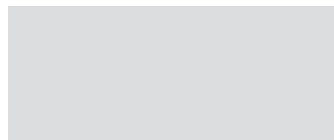
	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			33*			
Fixture Power	36W	1	0.59	10995		
Source Flux	4351lm	2	1.18	2749		
Fixture Flux	3378lm	3	1.78	1222		
Efficacy	95lm/W	4	2.37	687		
TS709	Imax=2537cd/klm	Imax	11039cd	5	2.96	440

		Driver	Colour	3000K	4000K
		EL.		1T3435	1T3436
		EL.		1T4452	
		DALI		1T3439	1T3440
		DALI		1T4454	
		EL. EM.		1T3443	1T3444
		DALI EM.		1T3447	1T3448

CCTLED TUBE

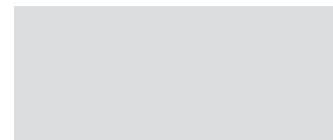
Related codes

Mounting System



	Driver	Colour	Code
	EL.	○	1T0130
	DALI	○	1T0130DA
	EL.	●	1T4465

Eurostandard PLUS track kit.



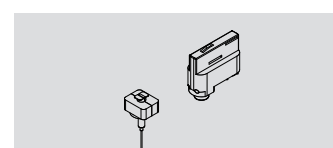
	Driver	Colour	Code
	EL./EL. EM.	○	1T0123
	DALI	○	1T0123DA
	EL./EL. EM.	●	1T4466
	DALI	●	1T4467
	DALI EM.	○	1T3243

Ceiling mounting kit.



L	Driver	Colour	Code
1000	EL./EL. EM.	○	1T0124
1000	DALI	○	1T0124DA
6000	EL./EL. EM.	●	1T4469
6000	DALI	●	1T4470
1000	DALI EM.	○	1T3244

Suspension kit.



Driver	Colour	Code
EL.	○	1T7402
DALI	○	1T3242DA

Eurostandard PLUS track suspension kit.



L	Driver	Colour	Code
2000	EL./EL. EM.	○	1T3245
2000	DALI	○	1T3246
6000	EL./EL. EM.	●	1T4472
6000	DALI	●	1T4473
2000	DALI EM.	○	1T3247

Double suspension kit.



Driver	Colour	Code
EL./EL. EM.	○	1T3449
DALI	○	1T3450
EL./EL. EM.	●	1T4475
DALI	●	1T4476
DALI EM.	○	1T3451

Wall mounting kit.



Driver	Colour	Code
EL./EL. EM.	○	1T3452
DALI	○	1T3453
EL./EL. EM.	●	1T4478
DALI	●	1T4479
DALI EM.	○	1T3454

Wall mounting kit for double emission.

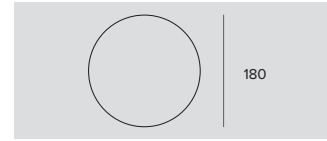
Accessories

Decorative Ring



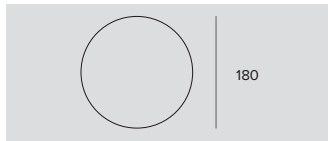
Ø	Colour	Code
180	○	1T3248

Round ring.



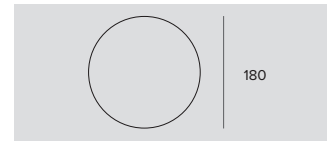
Ø	Colour	Code
180	○	1T3249

Square ring with micro prismatic diffusive screen.



Ø	Colour	Code
180	○	1T3250

Square ring with external silk screen printed screen.



Ø	Colour	Code
180	○	1T3251

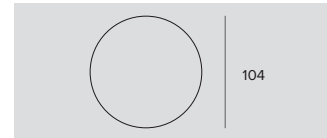
XL ring.
For the TECH version.

Adapter



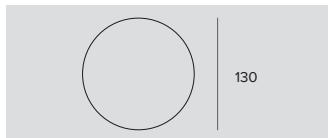
Ø	H	Driver	Colour	Code
100	32	EL.	●	1T2219
100	32	EL.	●	1T2220
100	32	EL.	○	1T2221

Ceiling mounting adapter for electrified track type projectors.



Ø	H	Driver	Colour	Code
104	35	DALI	●	9000/BP-D-G
104	35	DALI	○	9000/BP-D-W
104	35	DALI	●	9000/BP-D-B

Ceiling mounting adapter for electrified track type projectors.



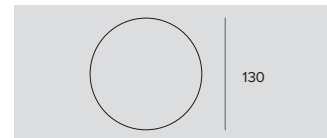
Cutout hole	Ø	H	Driver	Colour	Code
Ø105/125	130	60	EL.	●	1T2222
Ø105/125	130	60	EL.	○	1T2223
Ø105/125	130	60	EL.	●	1T2224

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
Ø110/115	130	67	DALI	●	9000/BR-G
Ø110/115	130	67	DALI	○	9000/BR-W
Ø110/115	130	67	DALI	●	9000/BR-B

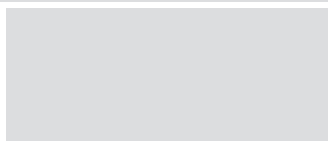
Recessed mounting adapter for electrified track type projectors.

9000/BR-G - To be completed with 9000/BP-D-G.

9000/BR-W - To be completed with 9000/BP-D-W.

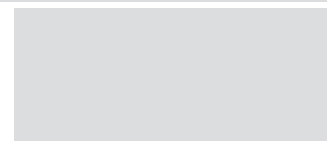
9000/BR-B - To be completed with 9000/BP-D-B.

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

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.

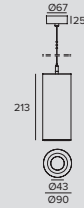
In all versions the LED lamps are retracted and hidden from view to ensure optimum visual comfort. The flexible installation makes it possible to use the same type of light in environments with different architectural characteristics.



BEBOP



Suspension



LED / 13W / MWFL									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		48°		EL.	○	1T4764EL	1T4765EL
Fixture Power	15W	1	0.90	1823		EL.	●	1T5418EL	1T5419EL
Source Flux	1706lm	2	1.79	456					
Fixture Flux	1310lm	3	2.69	203					
Efficacy	90lm/W	4	3.59	114					
TS901	Imax=1079cd/klm	Imax	1840cd	5	4.48	73			

LED / 13W / WFL									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		64°		EL.	○	1T4762EL	1T4763EL
Fixture Power	15W	1	1.24	1087		EL.	●	1T5420EL	1T5421EL
Source Flux	1706lm	2	2.49	272					
Fixture Flux	1285lm	3	3.73	121					
Efficacy	89lm/W	4	4.98	68					
TS900	Imax=688cd/klm	Imax	1174cd	5	6.22	43			



Ceiling



LED / 13W / MWFL									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		48°		EL.	○	1T4768EL	1T4769EL
Fixture Power	15W	1	0.90	1823		EL.	●	1T5414EL	1T5415EL
Source Flux	1706lm	2	1.79	456					
Fixture Flux	1310lm	3	2.69	203					
Efficacy	90lm/W	4	3.59	114					
TS901	Imax=1079cd/klm	Imax	1840cd	5	4.48	73			

LED / 13W / WFL									
		3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
		Ra84		64°		EL.	○	1T4766EL	1T4767EL
Fixture Power	15W	1	1.24	1087		EL.	●	1T5416EL	1T5417EL
Source Flux	1706lm	2	2.49	272					
Fixture Flux	1285lm	3	3.73	121					
Efficacy	89lm/W	4	4.98	68					
TS900	Imax=688cd/klm	Imax	1174cd	5	6.22	43			

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

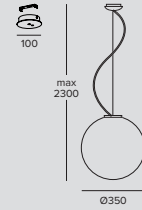
Metal frame and opaline glass diffuser

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.



GLOBO



FLUO/HAL/LED / max 100W			
	2600K	Power supply	Colour
	Fixture Power 100W	220-240Vac	344540
	Source Flux 1160lm		
	Fixture Flux 666lm		
	Efficacy 7lm/W		
ES050	Imax=53cd/klm		

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.

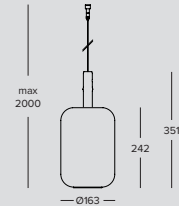
No driver necessary thanks to the 230V LED module for maximum installation flexibility. Available in three different sizes.



WASABI



Ø 163mm



LED / 13W



3000K	H(m)	D(m)	E _{max} (lx)	
Ra80		21*		
Fixture Power	14W	1	0.38	376
Source Flux	808lm	2	0.75	94
Fixture Flux	808lm	3	1.13	42
Efficacy	59lm/W	4	1.50	24
l _{max}	376cd	5	1.88	15

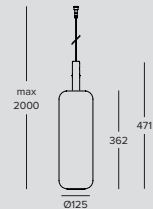
Power supply Colour 3000K

220-240Vac ○ **1T3979**

220-240Vac ● **1T3980**



Ø 125mm



LED / 13W



3000K	H(m)	D(m)	E _{max} (lx)	
Ra80		9*		
Fixture Power	14W	1	0.17	202
Source Flux	806lm	2	0.33	50
Fixture Flux	806lm	3	0.50	22
Efficacy	59lm/W	4	0.66	13
l _{max}	202cd	5	0.83	8

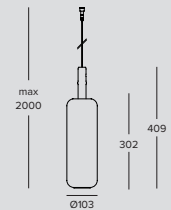
Power supply Colour 3000K

220-240Vac ○ **1T3991**

220-240Vac ● **1T3992**



Ø 103mm



LED / 13W



3000K	H(m)	D(m)	E _{max} (lx)	
Ra80		14*		
Fixture Power	14W	1	0.25	319
Source Flux	825lm	2	0.49	80
Fixture Flux	825lm	3	0.74	35
Efficacy	60lm/W	4	0.99	20
l _{max}	319cd	5	1.23	13

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.

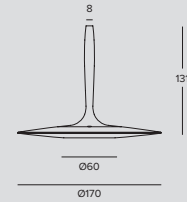
The special micro prismatic screen ensures perfect, particularly homogeneous light diffusion that is comfortable to the eye. Available in three different sizes, from extremely small for decorative light up to an excellent light on work surfaces.



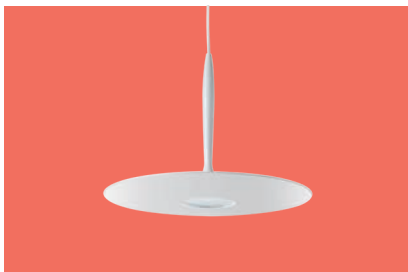
DECANTER



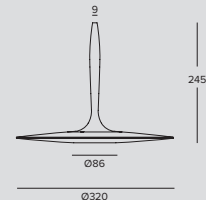
Ø 170mm



LED / 4W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	
	Ra84		83°		EL.	○	1T4076	
	Fixture Power	6W	1	1.78	140	EL.	●	1T4077
	Source Flux	264lm	2	3.56	35			
	Fixture Flux	264lm	3	5.34	16			
	Efficacy	44lm/W	4	7.12	9			
TS626	I _{max} =532cd/klm	I _{max}	140cd	5	8.90	6		



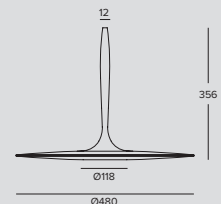
Ø 320mm



LED / 9W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	
	Ra84		83°		EL.	○	1T4082	
	Fixture Power	10W	1	1.76	295	EL.	●	1T4083
	Source Flux	528lm	2	3.53	74			
	Fixture Flux	528lm	3	5.29	33			
	Efficacy	53lm/W	4	7.06	18			
TS627	I _{max} =558cd/klm	I _{max}	295cd	5	8.82	12		



Ø 480mm



LED / 13W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	
	Ra84		84°		EL.	○	1T4088	
	Fixture Power	15W	1	1.80	851	EL.	●	1T4089
	Source Flux	1553lm	2	3.60	213			
	Fixture Flux	1553lm	3	5.40	95			
	Efficacy	104lm/W	4	7.21	53			
TS628	I _{max} =549cd/klm	I _{max}	853cd	5	9.01	34		

Q-B0

CEILING AND SUSPENSION LUMINAIRE

GENERAL INFO

Suspended or ceiling mounted fixture with direct light emission for halogen and LED lamps.
135x135x135mm

LED

Lamp not included

OPTICS

VWFL

POWER SUPPLY

Electronic
Casambi control system available by using a dedicated accessory (Halogen version - constant voltage max 150W).

MATERIAL

Body made of painted extruded aluminium.

A fixture with a simple, clean shape capable of integrating into any environment. Made entirely of aluminium it is suitable for various application possibilities: ceiling, suspension and wall installation.

To be completed with a special sandblasted glass or blade effect screen. In the wall version the light emission is direct/indirect.

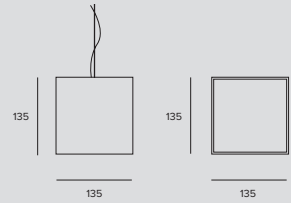
Available also in wall mounted version.



Q - B0

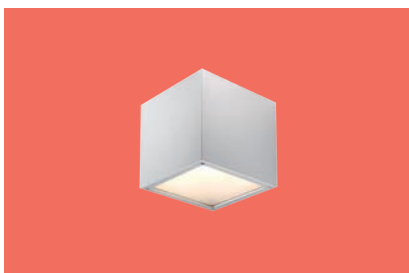


Suspension

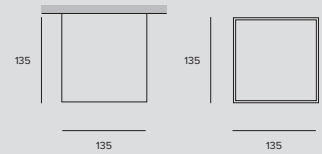


QT-DE12 max 120W (74,9) / LED R7s 8W / DIRECT / VWFL ± 1,4 IP20

Power supply	Colour	Code
220-240Vac	○	1V7375
220-240Vac	●	1V7181
220-240Vac	●	1T5926



Ceiling

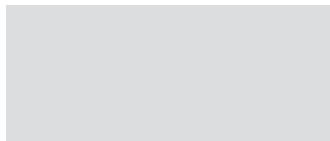


QT-DE12 max 120W (74,9) / LED R7s 8W / DIRECT / VWFL ± 1,4 IP20

Power supply	Colour	Code
220-240Vac	○	1V7374
220-240Vac	●	1V7180
220-240Vac	●	1T5925

Accessories

Source



CCT	Flux (lm)	Code
2700K	1055	L2971W
4000K	1055	L2971N

LED R7s 8W
230V

Shaper



Colour	Code
○	1V7364
●	1V7184
●	1T5923

Plate with central slot for light-blade effect.

Glass



Colour	Code
○	1V7360
●	1V7331
●	1T5922

Frame with sandblasted glass.

Cable

L	Code
5000	1V7262
10000	1V7263

Three pole feeding cable.

Accessory to be ordered only for installations higher than 2000mm.

L	Code
10000	1V7264

Steel suspension cable.

Accessory to be ordered only for installations higher than 2000mm.

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.

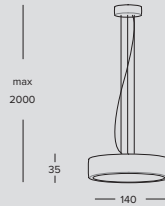
Available also in wall mounted version.



MONETA



Suspension



LED / 17W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	
	Ra90		114*		220-240Vac	○	1T3768	
	Fixture Power	17W	1	3.07	303	220-240Vac	●	1T3769
	Source Flux	871lm	2	6.13	76			
	Fixture Flux	871lm	3	9.20	34			
	Efficacy	51lm/W	4	12.26	19			
TS771	Imax=348cd/klm	Imax	303cd	5	15.33	12		



Ceiling



LED / 17W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	
	Ra90		114*		220-240Vac	○	1T3765	
	Fixture Power	17W	1	3.07	303	220-240Vac	●	1T3766
	Source Flux	871lm	2	6.13	76			
	Fixture Flux	871lm	3	9.20	34			
	Efficacy	51lm/W	4	12.26	19			
TS771	Imax=348cd/klm	Imax	303cd	5	15.33	12		

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

MONETA





WALL MOUNTED LUMINAIRES



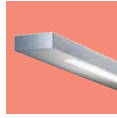
448 FLOOD



450 HALL



452 MINIMINIMA



454 SLIM



456 Q-BO



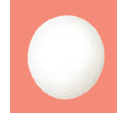
458 MONETA



460 BRAQUE



462 BOTTONE



464 OSIRIDE



470 PROFESSIONAL

indoor

WALL MOUNTED

LUMINAIRE

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

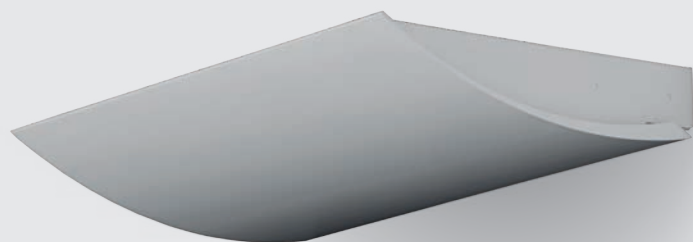
DALI

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

MATERIAL

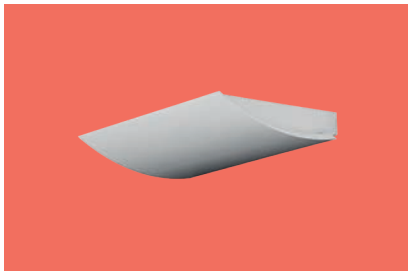
Painted metal body. Transparent protective screen.

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.

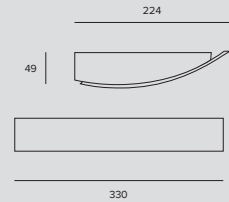


Design Daniel Bernard

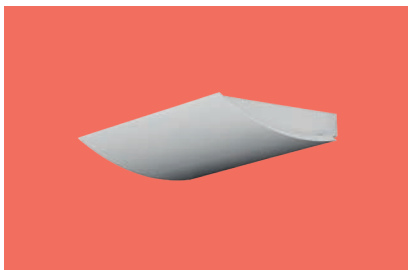
FLOOD



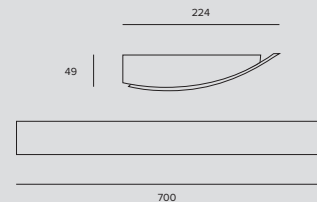
L. 330mm



LED / 18W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	
	Ra80			117°				
	Fixture Power	22W	1	3.29	875	DALI	○	1T4512
	Source Flux	2610lm	2	6.57	219	DALI	●	1T4514
	Fixture Flux	2432lm	3	9.86	97			
	Efficacy	111lm/W	4	13.14	55			
TS894	I _{max} =335cd/klm	I _{max}	875cd	5	16.43	35		



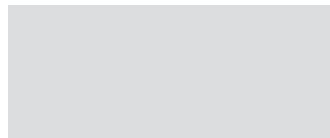
L. 700mm



LED / 36W / VWFL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	
	Ra80			117°				
	Fixture Power	41W	1	3.29	1751	DALI	○	1T4513
	Source Flux	5220lm	2	6.57	438	DALI	●	1T4515
	Fixture Flux	4865lm	3	9.86	195			
	Efficacy	119lm/W	4	13.14	109			
TS894	I _{max} =335cd/klm	I _{max}	1751cd	5	16.43	70		

Accessories

Control systems

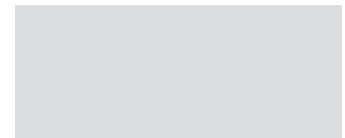


Code

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. 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



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. It prevents any change to the management features provided by the Casambi system.

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

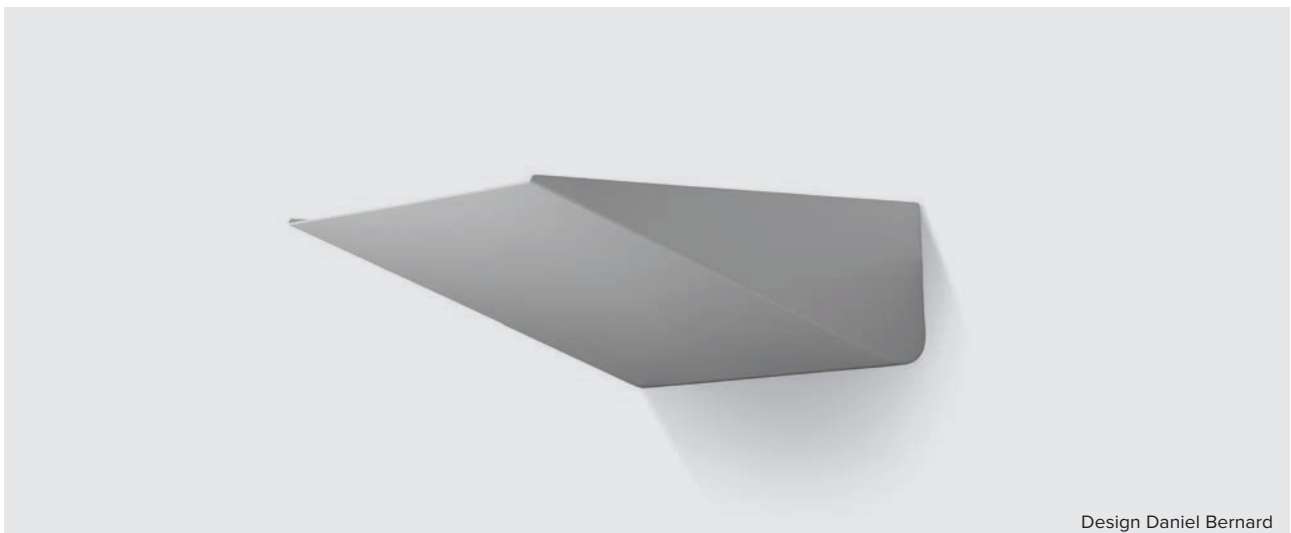
DALI - Casambi on board

MATERIAL

Painted metal body. Diffuse protective screen.

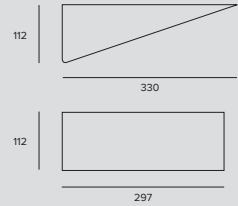
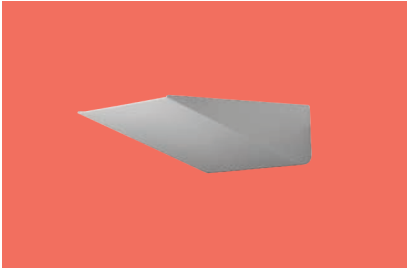
Professional applique with indirect light emission with an asymmetrical optic. The strongly asymmetric emission allows for deep indirect lighting of large spaces.

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

HALL



LED / 36W / ASYM

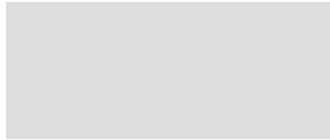


	3000K	H(m) D1(m) D2(m) Emax(lx)					
	Ra80	121° 89°					
	Fixture Power	40W	1	3.52	4.23	1670	
	Source Flux	5160lm	2	7.03	8.46	418	
	Fixture Flux	4453lm	3	10.55	12.69	186	
	Efficacy	111lm/W	4	14.07	16.93	104	
TS892	Imax=487cd/klm	Imax	2511cd	5	17.59	21.16	67

Driver	Colour	3000K
110-240Vac		1T4499
110-240Vac		1T4506
110-240Vac		1T4507
220-240Vac		1T4499CA

Accessories

Control systems

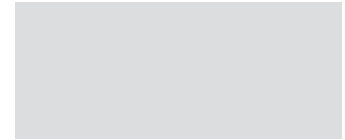


Code

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. 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



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. It prevents any change to the management features provided by the Casambi system.

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.

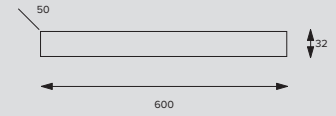
Available in ceiling mounted and suspensions versions.



MINIMINIMA



Wall



LED / 12W / INDIRECT / VWFL ⊕ 1.2 IP40

	3000K	H(m)	D(m)	Emax(lx)		
Ra80			111*			
Fixture Power	14W	1	2.89	321		
Source Flux	1720lm	2	5.79	80		
Fixture Flux	842lm	3	8.68	36		
Efficacy	60lm/W	4	11.58	20		
TS749	Imax=187cd/klm	Imax	321cd	5	14.47	13

Driver	Colour	3000K
EL.	●	1T4170
EL.	●	1T4171
EL.	○	1T4172
EL.	●	1T4173

LED / 12W / DIRECT/INDIRECT / VWFL ⊕ 1.3 IP40

	3000K	H(m)	D(m)	Emax(lx)		
Ra80			114*			
Fixture Power	14W	1	3.08	185		
Source Flux	1720lm	2	6.15	46		
Fixture Flux	1071lm	3	9.23	21		
Efficacy	76lm/W	4	12.31	12		
TS750	Imax=112cd/klm	Imax	192cd	5	15.38	7

Driver	Colour	3000K
EL.	●	1T4174
EL.	●	1T4175
EL.	○	1T4176
EL.	●	1T4177

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
Ra80/Ra84

PRODUCT EFFICACY

Up to 112lm/W

OPTICS

VWFL

POWER SUPPLY

Electronic

MATERIAL

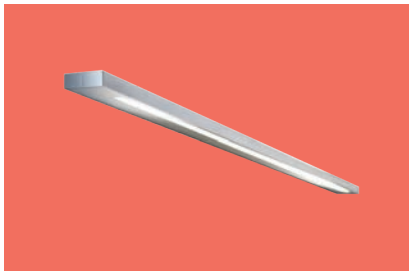
Body made of extruded anodised aluminium.
Polycarbonate lateral end caps. Lower
diffusive screen made of ribbed, extruded opal
polycarbonate. Transparent polycarbonate upper
safety screen.

Compact size minimal modular applique with indirect/direct light emission that disappears into its surroundings leaving space for the architecture and light only.

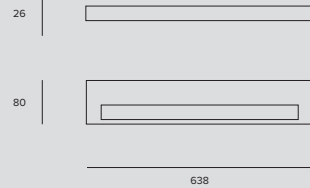
Also available in a modular system suspension version or stand-alone, as well as a rectangular version that is particularly suitable for lighting open spaces in the office environment. Coordinates with the indirect or direct/indirect light emission wall mounted solution.



Design Daniel Bernard

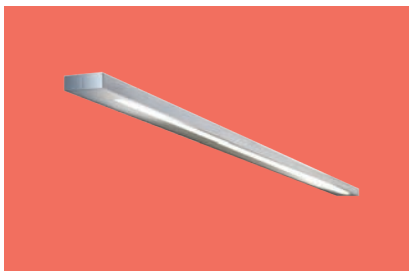


Wall L. 638mm

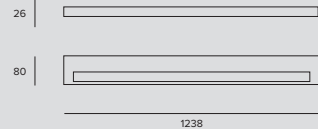


LED / 12W / INDIRECT / VWFL					±	1,8	IP20
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		115°		EL.	●	1T4192
	Fixture Power	14W	1	3.13	546		
	Source Flux	1720lm	2	6.26	137		
	Fixture Flux	1562lm	3	9.39	61		
	Efficacy	112lm/W	4	12.52	34		
TS751	Imax=318cd/klm	Imax	547cd	5	15.65	22	

LED / 24W / DIRECT/INDIRECT / VWFL					±	1,8	IP20
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		95°		EL.	●	1T4193
	Fixture Power	28W	1	2.19	501		
	Source Flux	3440lm	2	4.37	125		
	Fixture Flux	2567lm	3	6.56	56		
	Efficacy	92lm/W	4	8.75	31		
TS752	Imax=147cd/klm	Imax	505cd	5	10.93	20	



Wall L. 1238mm



LED / 24W / INDIRECT / VWFL					±	3,7	IP20
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		115°		EL.	●	1T4194
	Fixture Power	28W	1	3.13	1092		
	Source Flux	3440lm	2	6.26	273		
	Fixture Flux	3125lm	3	9.39	121		
	Efficacy	112lm/W	4	12.52	68		
TS751	Imax=318cd/klm	Imax	1095cd	5	15.65	44	

LED / 48W / DIRECT/INDIRECT / VWFL					±	3,7	IP20
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		95°		EL.	●	1T4195
	Fixture Power	56W	1	2.19	1002		
	Source Flux	6880lm	2	4.37	250		
	Fixture Flux	5133lm	3	6.56	111		
	Efficacy	92lm/W	4	8.75	63		
TS752	Imax=147cd/klm	Imax	1009cd	5	10.93	40	

Q-B0

WALL MOUNTED

GENERAL INFO

Wall mounted fixture with direct/indirect light emission for halogen or LED lamps.
135x135x135mm

LED

LED lamp R7s
1055lm
2700K - 4000K
Ra100

PRODUCT EFFICACY

7lm/W

OPTICS

VWFL

POWER SUPPLY

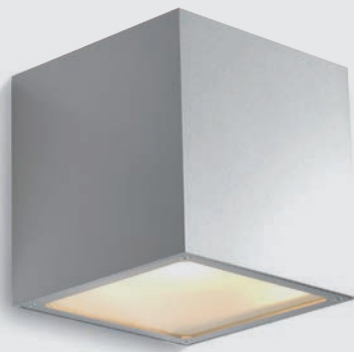
Electronic

MATERIAL

Body made of painted extruded aluminium.

A fixture with a simple, clean shape capable of integrating into any environment. Made entirely of aluminium it is suitable for various application possibilities: ceiling, suspension and wall installation.

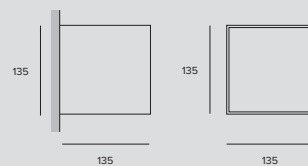
To be completed with a special sandblasted glass or blade effect screen. In the wall version the light emission is direct/indirect.



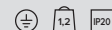
Q - B0



Wall



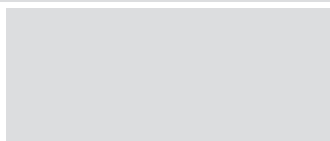
QT-DE12 max 120W (74,9)/LED R7s 8W / DIRECT/INDIRECT / VWFL



Colour	Code
	1V7372
	1V7178
	1T5924

Related codes

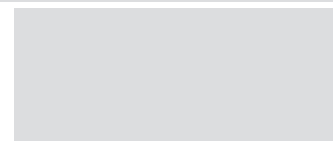
Shaper



Colour	Code
	1V7364
	1V7184
	1T5923

Plate with central slot for light-blade effect.
IP40

Glass

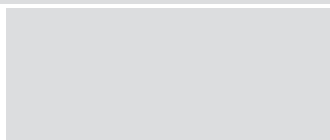


Colour	Code
	1V7360
	1V7331
	1T5922

Frame with sandblasted glass.
IP40

Accessories

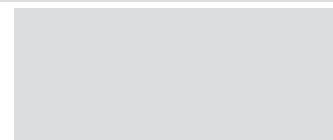
Source



CCT	Flux (lm)	Code
2700K	1055	L2971W
4000K	1055	L2971N

LED R7s 8W
230V

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

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.

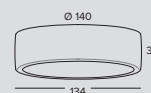
Just over 3cm thick to exploit the potential of the LED lamp to the full; compact size, excellent performance, low consumption and no driver make this a product where aesthetics and technology combine.



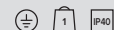
MONETA



Wall



LED / 17W / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
Ra90			114*			
Fixture Power	17W	1	3.07	303		
Source Flux	871lm	2	6.13	76		
Fixture Flux	871lm	3	9.20	34		
Efficacy	51lm/W	4	12.26	19		
TS771	Imax=348cd/klm	Imax	303cd	5	15.33	12

Colour 3000K

○ 1T3771

● 1T3772

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

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.

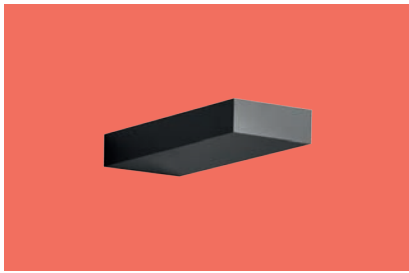
Metal applique with sharp edges with mains voltage LED lamps. The special type of machining of the piece hollowed out from a solid provides perfect edges without visible joints or screws.

Available in two different sizes and two different installation types.

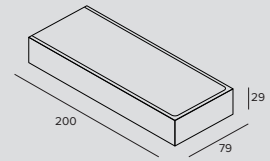
It doesn't need to the driver.



BRAQUE



Vertical



LED / 13W / VWFL

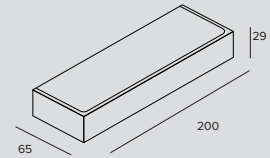


		3000K	H(m) D1(m) D2(m) Emax(lx)				
		Ra80		110°	108°		
Fixture Power	14W	1	2.86	2.73	348		
Source Flux	893lm	2	5.72	5.46	87		
Fixture Flux	893lm	3	8.58	8.18	39		
Efficacy	65lm/W	4	11.44	10.91	22		
TS770	Imax=389cd/klm	Imax	348cd	5	14.29	13.64	14

Colour	3000K
○	1T3762
●	1T3763



Horizontal



LED / 13W / VWFL



		3000K	H(m) D1(m) D2(m) Emax(lx)				
		Ra80		110°	108°		
Fixture Power	14W	1	2.86	2.73	348		
Source Flux	893lm	2	5.72	5.46	87		
Fixture Flux	893lm	3	8.58	8.18	39		
Efficacy	65lm/W	4	11.44	10.91	22		
TS770	Imax=389cd/klm	Imax	348cd	5	14.29	13.64	14

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 826lm to 818lm
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

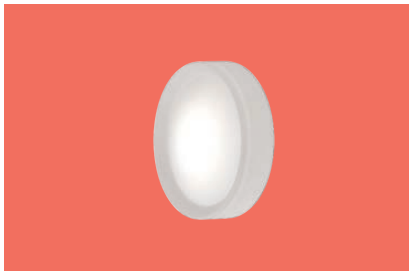
Diffuser in glazed opal glass.
White painted metal mounting plate.

A LED solution for functional yet decorative lighting at the same time.

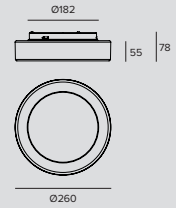
The combination of mains voltage LED lamps combined with the excellent diffusion of the opal glass, ensures a soft and enveloping emission.



BOTTONE



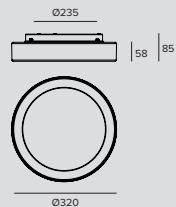
Ø 260mm



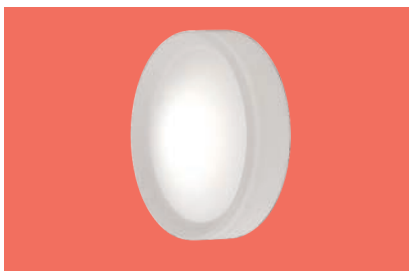
LED / 14W / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		132°				1T3997
	Fixture Power	14W	1	4.47	120		
	Source Flux	554lm	2	8.95	30		
	Fixture Flux	554lm	3	13.42	13		
	Efficacy	40lm/W	4	17.89	8		
TS797	Imax=217cd/klm	Imax	120cd	5	22.37	5	



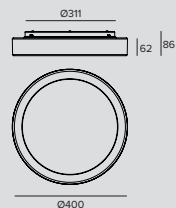
Ø 320mm



LED / 8W / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		129°				1T3998
	Fixture Power	10W	1	4.22	186		
	Source Flux	826lm	2	8.43	47		
	Fixture Flux	826lm	3	12.65	21		
	Efficacy	83lm/W	4	16.86	12		
TS796	Imax=226cd/klm	Imax	186cd	5	21.08	7	



Ø 400mm



LED / 8W / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		125°				1T3999
	Fixture Power	10W	1	3.82	204		
	Source Flux	818lm	2	7.64	51		
	Fixture Flux	818lm	3	11.45	23		
	Efficacy	82lm/W	4	15.27	13		
TS795	Imax=250cd/klm	Imax	204cd	5	19.09	8	

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

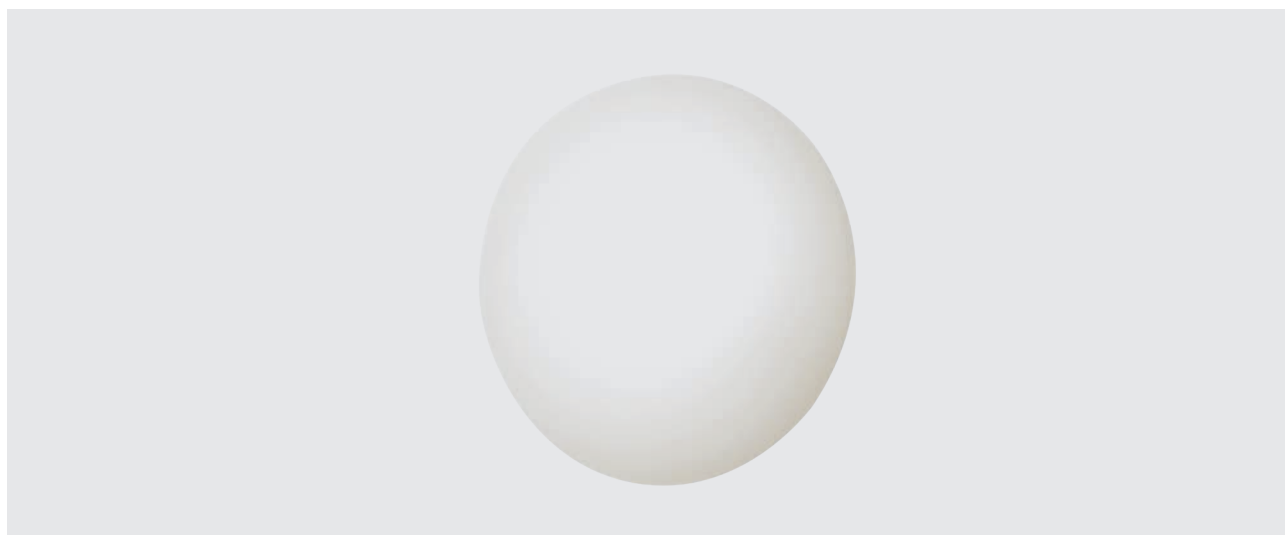
Casambi control system available by using a dedicated accessory (230Vac LED module max 150W).

MATERIAL

White painted metal body and satin opaline white glass diffuser.

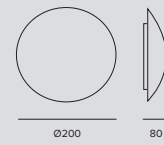
A range of ceiling/wall mounted fixtures in satin opaline white glass. Two different versions: simple with a white frame or more sophisticated with a chrome frame.

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



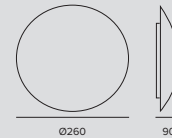
HAL/LED / max 1x42W E27



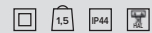
Power supply	Colour	Code
220-240Vac		323494IP



Ø 260mm



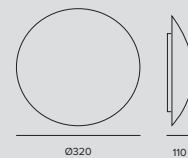
FLUO/HAL/LED / max 1x42W E27



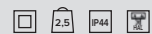
Power supply	Colour	Code
220-240Vac		323404IP



Ø 320mm

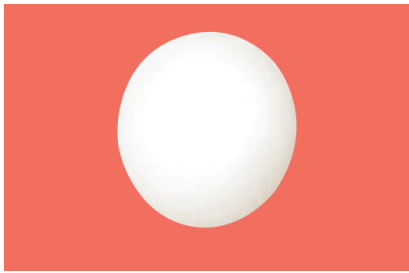


FLUO/HAL/LED / max 2x42W E27

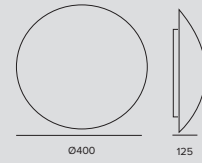


Power supply	Colour	Code
220-240Vac		323414IP

OSIRIDE

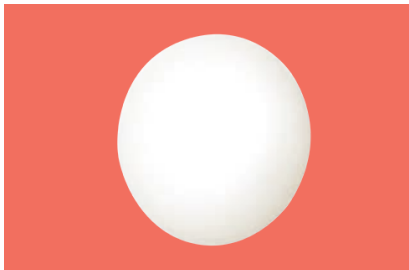


Ø 400mm

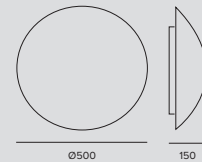


FLUO/HAL/LED / max 2x42W E27 □ 3.7 IP44

Power supply	Colour	Code
220-240Vac	●	323424IP

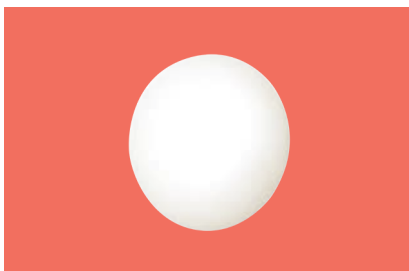


Ø 500mm

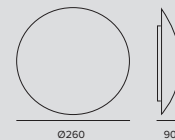


FLUO/HAL/LED / max 2x42W E27 □ 4.6 IP44

Power supply	Colour	Code
220-240Vac	●	323434IP



LED Ø 260mm



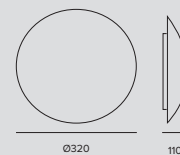
LED / 14W / VWFL □ 1.5 IP44

	3000K	H(m)	D(m)	E _{max} (lx)		
Ra84			121*			
Fixture Power	14W	1	3.56	164		
Source Flux	619lm	2	7.12	41		
Fixture Flux	619lm	3	10.68	18		
Efficacy	45lm/W	4	14.25	10		
TS801	I _{max} =265cd/klm	I _{max}	164cd	5	17.81	7

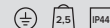
Power supply	Colour	3000K
220-240Vac	●	1T4002



LED Ø 320mm



LED / 8W / VWFL

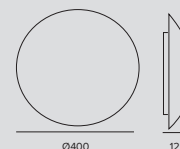


		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		121°	
Fixture Power	10W	1	3.56	263	
Source Flux	993lm	2	7.12	66	
Fixture Flux	993lm	3	10.68	29	
Efficacy	99lm/W	4	14.25	16	
TS801	I _{max} =265cd/klm	I _{max}	263cd	5	17.81

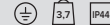
Driver	Colour	3000K
EL.		1T4003



LED Ø 400mm



LED / 8W / VWFL



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra84		121°	
Fixture Power	10W	1	3.56	236	
Source Flux	892lm	2	7.12	59	
Fixture Flux	892lm	3	10.68	26	
Efficacy	89lm/W	4	14.25	15	
TS801	I _{max} =265cd/klm	I _{max}	236cd	5	17.81

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



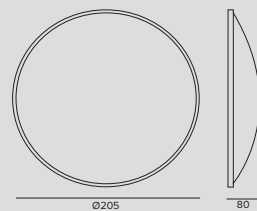
Code
1T5351

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



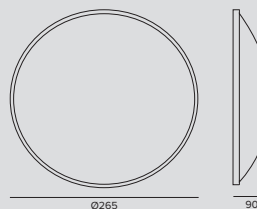
HAL/LED / max 1x42W E27



Power supply	Colour	Code
220-240Vac		349490IP



Chrome Frame Ø 265mm



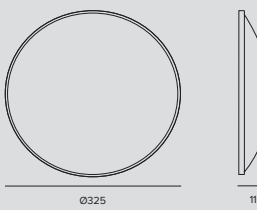
FLUO/HAL/LED / max 1x42W E27



Power supply	Colour	Code
220-240Vac		349400IP



Chrome Frame Ø 325mm



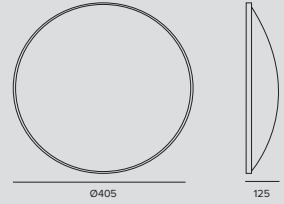
FLUO/HAL/LED / max 2x42W E27



Power supply	Colour	Code
220-240Vac		349410IP



Chrome Frame Ø 405mm



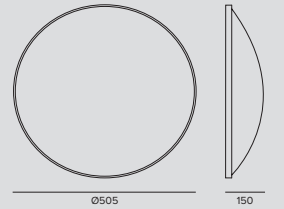
FLUO/HAL/LED / max 2x42W E27



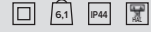
Power supply	Colour	Code
220-240Vac		349420IP



Chrome Frame Ø 505mm



FLUO/HAL/LED / max 2x42W



Power supply	Colour	Code
220-240Vac		349430IP

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.

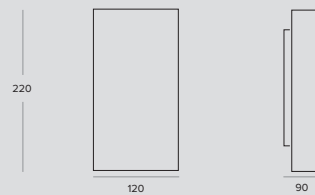
Available also in a LED 230V version.



PROFESSIONAL



120x220mm



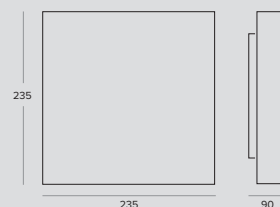
FLUO/HAL/LED / max 1x42W E27



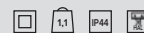
Power Supply	Colour	Code
220-240Vac		374604IP



235x235mm



FLUO/HAL/LED / max 1x42W E27



Power Supply	Colour	Code
220-240Vac		374404IP

TC-TEL / 1x26W Gx24q-3

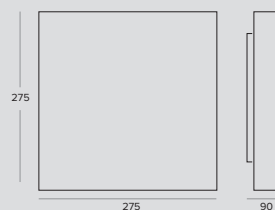


Driver	Colour	Code
EL.		374404E

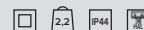
PROFESSIONAL



275x275mm



FLUO/HAL/LED / max 2x42W E27



Power Supply	Colour	Code
220-240Vac		374414IP

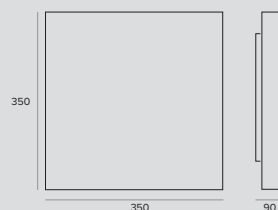
TC-DEL / 2x18W G24q-2



Driver	Colour	Code
EL.		374414E



350x350mm



FLUO/HAL/LED / max 3x42W E27



Power Supply	Colour	Code
220-240Vac		374424IP

TC-TEL / 2x42W Gx24q-4

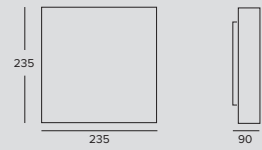


Driver	Colour	Code
EL.		374424E

PROFESSIONAL



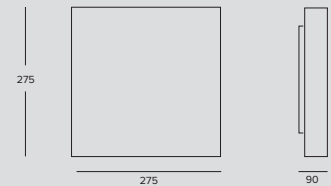
LED 235x235mm



LED / 14W / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Power Supply	Colour	3000K
	Ra84		135°		220-240Vac		1T4005
	Fixture Power	14W	1	4.86	142		
	Source Flux	722lm	2	9.72	36		
	Fixture Flux	722lm	3	14.58	16		
	Efficacy	52lm/W	4	19.44	9		
TS802	Imax=197cd/klm	Imax	143cd	5	24.30	6	



LED 275x275mm



LED / 8W / VWFL							
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K
	Ra84		135°		EL.		1T4006
	Fixture Power	10W	1	4.86	184		
	Source Flux	936lm	2	9.72	46		
	Fixture Flux	936lm	3	14.58	20		
	Efficacy	94lm/W	4	19.44	12		
TS802	Imax=197cd/klm	Imax	185cd	5	24.30	7	

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.

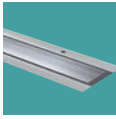
It can manage systems with a maximum absorption of 150W.

The module is wireless controlled using a Casambi app for smartphones and tablets or traditional wall switches.

IP20

INGROUND RECESSED

LINEAR INGROUND RECESSED

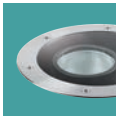


476 JEDI



488 MERCURE

INGROUND RECESSED



496 KEPLERO



512 KEPLERO
MINI



520 TITANO



522 JUPITER



534 SATURN



538 LED.Y

outdoor

INGROUND

RECESSED

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 15 μ 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.

Available also in projector and RGBW versions.





**5300
MCCONNELL
2018**

ARCHITECT

Shubin+Donaldson Architects

LIGHTING DESIGN

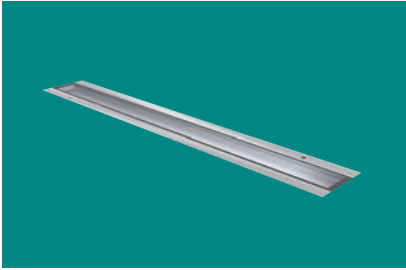
Oculus Light Studio

PHOTOGRAPHER

©Henri Khodaverdi

COUNTRY

Los Angeles - USA



Recessed L. 616mm



LED / 23W / SPOT



	3000K	H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	28W	1	0.18	32201
Source Flux	1947lm	2	0.37	8050
Fixture Flux	1591lm	3	0.55	3578
Efficacy	57lm/W	4	0.73	2013
TS889	Imax=16539cd/klm	Imax	32201cd	5 0.92 1288

Driver	Colour	3000K	4000K
EL.	●	1E2737	1E2738
DALI	●	1E2739	1E2740

LED / 12W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	15W	1	1.84	0.57	1203
Source Flux	1720lm	2	3.68	1.14	301
Fixture Flux	1285lm	3	5.53	1.70	134
Efficacy	86lm/W	4	7.37	2.27	75
TS886	Imax=699cd/klm	Imax	1203cd	5 9.21 2.84 48	

Driver	Colour	3000K	4000K
EL.	●	1E2689	1E2690
DALI	●	1E2691	1E2692

LED / 24W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			85°	32°	
Fixture Power	28W	1	1.84	0.57	2392
Source Flux	3420lm	2	3.68	1.14	598
Fixture Flux	2555lm	3	5.53	1.70	266
Efficacy	91lm/W	4	7.37	2.27	149
TS885	Imax=699cd/klm	Imax	2392cd	5 9.21 2.84 96	

Driver	Colour	3000K	4000K
EL.	●	1E2693	1E2694
DALI	●	1E2695	1E2696

LED / 12W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	15W	1	1.55	0.26	2753
Source Flux	1720lm	2	3.10	0.51	688
Fixture Flux	1429lm	3	4.65	0.77	306
Efficacy	95lm/W	4	6.20	1.02	172
TS888	Imax=1601cd/klm	Imax	2753cd	5 7.76 1.28 110	

Driver	Colour	3000K	4000K
EL.	●	1E2665	1E2666
DALI	●	1E2667	1E2668

LED / 24W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			76°	15°	
Fixture Power	28W	1	1.55	0.26	5474
Source Flux	3420lm	2	3.10	0.51	1368
Fixture Flux	2842lm	3	4.65	0.77	608
Efficacy	101lm/W	4	6.20	1.02	342
TS887	Imax=1601cd/klm	Imax	5474cd	5 7.76 1.28 219	

Driver	Colour	3000K	4000K
EL.	●	1E2669	1E2670
DALI	●	1E2671	1E2672

JEDI

LED / 12W / WALL WASHER



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra80			115°	59°		
Fixture Power	15W	1	3.12	1.34	1156	
Source Flux	1720lm	2	6.23	2.67	289	
Fixture Flux	1293lm	3	9.35	4.01	128	
Efficacy	86lm/W	4	12.47	5.35	72	
TS884	I _{max} =774cd/klm	I _{max}	1331cd	5	15.58	6.69 46

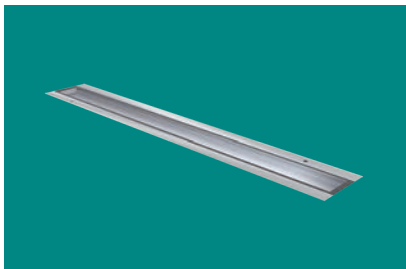
Driver	Colour	3000K	4000K
EL.	●	1E2713	1E2714
DALI	●	1E2715	1E2716

LED / 24W / WALL WASHER



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra80			115°	59°		
Fixture Power	28W	1	3.12	1.34	2299	
Source Flux	3420lm	2	6.23	2.67	575	
Fixture Flux	2572lm	3	9.35	4.01	255	
Efficacy	92lm/W	4	12.47	5.35	144	
TS883	I _{max} =774cd/klm	I _{max}	2646cd	5	15.59	6.69 92

Driver	Colour	3000K	4000K
EL.	●	1E2717	1E2718
DALI	●	1E2719	1E2720



Recessed L. 916mm



LED / 34W / SPOT



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra80				10°		
Fixture Power	40W	1	0.18	48326		
Source Flux	2922lm	2	0.37	12081		
Fixture Flux	2387lm	3	0.55	5370		
Efficacy	60lm/W	4	0.73	3020		
TS889	I _{max} =16539cd/klm	I _{max}	48326cd	5	0.92	1933

Driver	Colour	3000K	4000K
EL.	●	1E2741	1E2742
DALI	●	1E2743	1E2744

LED / 18W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra80			85°	32°		
Fixture Power	22W	1	1.84	0.57	1804	
Source Flux	2580lm	2	3.68	1.14	451	
Fixture Flux	1927lm	3	5.53	1.70	200	
Efficacy	88lm/W	4	7.37	2.27	113	
TS886	I _{max} =699cd/klm	I _{max}	1804cd	5	9.21	2.84 72

Driver	Colour	3000K	4000K
EL.	●	1E2697	1E2698
DALI	●	1E2699	1E2700

LED / 36W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra80			85°	32°		
Fixture Power	40W	1	1.84	0.57	3588	
Source Flux	5130lm	2	3.68	1.14	897	
Fixture Flux	3833lm	3	5.53	1.70	399	
Efficacy	96lm/W	4	7.37	2.27	224	
TS885	I _{max} =699cd/klm	I _{max}	3588cd	5	9.21	2.84 144

Driver	Colour	3000K	4000K
EL.	●	1E2701	1E2702
DALI	●	1E2703	1E2704

JEDI

LED / 18W / GRAZING



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			76°	15°			
Fixture Power	22W	1	1.55	0.26	4130		
Source Flux	2580lm	2	3.10	0.51	1032		
Fixture Flux	2144lm	3	4.65	0.77	459		
Efficacy	97lm/W	4	6.20	1.02	258		
TS888	I _{max} =1601cd/klm	I _{max}	4130cd	5	7.76	1.28	165

Driver	Colour	3000K	4000K
EL.	●	1E2673	1E2674
DALI	●	1E2675	1E2676

LED / 36W / GRAZING



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			76°	15°			
Fixture Power	40W	1	1.55	0.26	8211		
Source Flux	5130lm	2	3.10	0.51	2053		
Fixture Flux	4263lm	3	4.65	0.77	912		
Efficacy	107lm/W	4	6.21	1.02	513		
TS887	I _{max} =1601cd/klm	I _{max}	8211cd	5	7.76	1.28	328

Driver	Colour	3000K	4000K
EL.	●	1E2677	1E2678
DALI	●	1E2679	1E2680

LED / 18W / WALL WASHER



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			115°	59°			
Fixture Power	22W	1	3.12	1.34	1735		
Source Flux	2580lm	2	6.23	2.67	434		
Fixture Flux	1940lm	3	9.35	4.01	193		
Efficacy	88lm/W	4	12.47	5.35	108		
TS884	I _{max} =774cd/klm	I _{max}	1996cd	5	15.58	6.69	69

Driver	Colour	3000K	4000K
EL.	●	1E2721	1E2722
DALI	●	1E2723	1E2724

LED / 36W / WALL WASHER

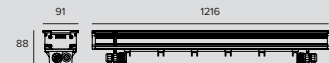


3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			115°	59°			
Fixture Power	40W	1	3.12	1.34	3449		
Source Flux	5130lm	2	6.23	2.67	862		
Fixture Flux	3858lm	3	9.35	4.01	383		
Efficacy	96lm/W	4	12.47	5.35	216		
TS883	I _{max} =774cd/klm	I _{max}	3969cd	5	15.59	6.69	138

Driver	Colour	3000K	4000K
EL.	●	1E2725	1E2726
DALI	●	1E2727	1E2728



Recessed L. 1216mm



LED / 46W / SPOT



3000K		H(m)	D(m)	E _{max} (lx)		
Ra80			10°			
Fixture Power	51W	1	0.18	64401		
Source Flux	3894lm	2	0.37	16100		
Fixture Flux	3181lm	3	0.55	7156		
Efficacy	62lm/W	4	0.73	4025		
TS889	I _{max} =16539cd/klm	I _{max}	64401cd	5	0.92	2576

Driver	Colour	3000K	4000K
EL.	●	1E2745	1E2746
DALI	●	1E2747	1E2748

JEDI

LED / 24W / FLOOD



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			85°	32°			
Fixture Power	28W	1	1.84	0.57	2405		
Source Flux	3440lm	2	3.68	1.14	601		
Fixture Flux	2570lm	3	5.53	1.70	267		
Efficacy	92lm/W	4	7.37	2.27	150		
TS886	Imax=699cd/klm	Imax	2405cd	5	9.21	2.84	96

Driver	Colour	3000K	4000K
EL.	●	1E2705	1E2706
DALI	●	1E2707	1E2708

LED / 48W / FLOOD



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			85°	32°			
Fixture Power	53W	1	1.84	0.57	4784		
Source Flux	6840lm	2	3.68	1.14	1196		
Fixture Flux	5111lm	3	5.53	1.70	532		
Efficacy	96lm/W	4	7.37	2.27	299		
TS885	Imax=699cd/klm	Imax	4784cd	5	9.21	2.84	191

Driver	Colour	3000K	4000K
EL.	●	1E2709	1E2710
DALI	●	1E2711	1E2712

LED / 24W / GRAZING



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			76°	15°			
Fixture Power	28W	1	1.55	0.26	5506		
Source Flux	3440lm	2	3.10	0.51	1377		
Fixture Flux	2859lm	3	4.65	0.77	612		
Efficacy	102lm/W	4	6.20	1.02	344		
TS888	Imax=1601cd/klm	Imax	5506cd	5	7.76	1.28	220

Driver	Colour	3000K	4000K
EL.	●	1E2681	1E2682
DALI	●	1E2683	1E2684

LED / 48W / GRAZING



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			76°	15°			
Fixture Power	53W	1	1.55	0.26	10948		
Source Flux	6840lm	2	3.10	0.51	2737		
Fixture Flux	5684lm	3	4.65	0.77	1216		
Efficacy	107lm/W	4	6.21	1.02	684		
TS887	Imax=1601cd/klm	Imax	10948cd	5	7.76	1.28	438

Driver	Colour	3000K	4000K
EL.	●	1E2685	1E2686
DALI	●	1E2687	1E2688

LED / 24W / WALL WASHER



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			115°	59°			
Fixture Power	28W	1	3.12	1.34	2313		
Source Flux	3440lm	2	6.23	2.67	578		
Fixture Flux	2587lm	3	9.35	4.01	257		
Efficacy	92lm/W	4	12.47	5.35	145		
TS884	Imax=774cd/klm	Imax	2662cd	5	15.58	6.69	93

Driver	Colour	3000K	4000K
EL.	●	1E2729	1E2730
DALI	●	1E2731	1E2732

LED / 48W / WALL WASHER



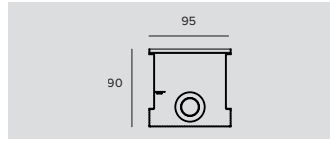
3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			115°	59°			
Fixture Power	53W	1	3.12	1.34	4599		
Source Flux	6840lm	2	6.23	2.67	1150		
Fixture Flux	5144lm	3	9.35	4.01	511		
Efficacy	97lm/W	4	12.47	5.35	287		
TS883	Imax=774cd/klm	Imax	5293cd	5	15.59	6.69	184

Driver	Colour	3000K	4000K
EL.	●	1E2733	1E2734
DALI	●	1E2735	1E2736

JEDI

Related codes

Insertion Box

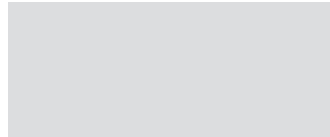


L	Code
616mm	1E2749
916mm	1E2750
1216mm	1E2751

Insertion boxes.

Accessories

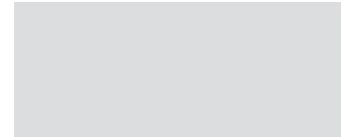
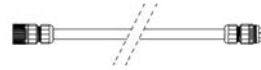
Tool



Code
1E2495

Features TORX HEAD, TX 30.

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.

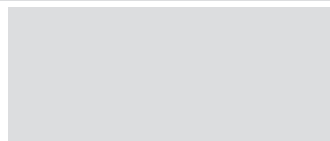
1E2764

For in line adjacent connection of one 900mm projector with one 1200mm projector.

1E2765

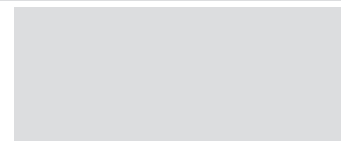
For in line adjacent connection of two 1200mm projectors.

Connector



Code
1E3400

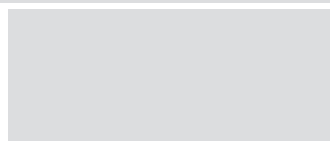
Connection kit for looping between fixtures.
IP68



Code
1E2769

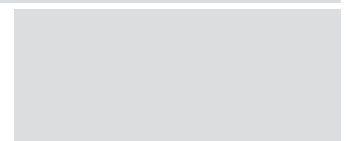
Connectors kit for 5 pole coaxial connections.

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 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.

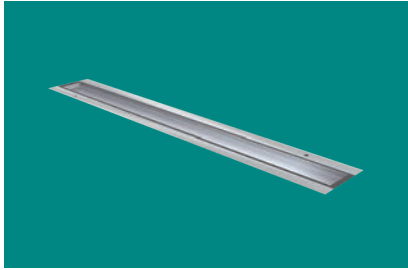


**SEGERSTROM
CENTER FOR
THE ARTS**
2018

LIGHTING DESIGN
HLB, Inc.

PHOTOGRAPHER
©SAC Design

COUNTRY
Costa Mesa - USA



Recessed RGBW L. 616mm



LED RGBW / 17W 4Ch / SPOT

	H(m)	D(m)	E _{max} (lx)
	-	11°	-
Fixture Power	20W	1	0.19 14937
Source Flux	860lm	2	0.38 3734
Fixture Flux	860lm	3	0.56 1660
Efficacy	43lm/W	4	0.75 934
TS1030	I _{max} =17366cd/klm	I _{max}	14937cd
			597

Driver	Colour	Code
EL. DMX		1E3100

LED RGBW / 17W 4Ch / FLOOD

	H(m)	D1(m)	D2(m)	E _{max} (lx)
	-	85°	29°	-
Fixture Power	20W	1	1.82	0.52 656
Source Flux	632lm	2	3.65	1.04 164
Fixture Flux	632lm	3	5.47	1.56 73
Efficacy	32lm/W	4	7.29	2.08 41
TS1033	I _{max} =1038cd/klm	I _{max}	656cd	
			5 9.11	2.60 26

Driver	Colour	Code
EL. DMX		1E3101

LED RGBW / 17W 4Ch / GRAZING

	H(m)	D1(m)	D2(m)	E _{max} (lx)
	-	73°	11°	-
Fixture Power	20W	1	1.48	0.19 1665
Source Flux	740lm	2	2.97	0.38 416
Fixture Flux	740lm	3	4.45	0.57 185
Efficacy	37lm/W	4	5.94	0.76 104
TS1029	I _{max} =2250cd/klm	I _{max}	1665cd	
			5 7.42	0.96 67

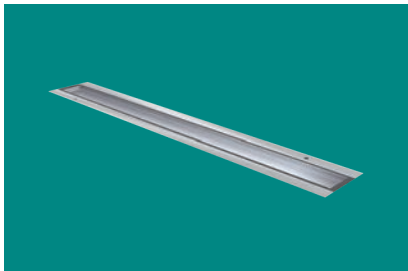
Driver	Colour	Code
EL. DMX		1E3099

LED RGBW / 17W 4Ch / WALL WASHER

	H(m)	D1(m)	D2(m)	E _{max} (lx)
	-	115°	55°	-
Fixture Power	20W	1	3.17	1.18 669
Source Flux	675lm	2	6.33	2.36 167
Fixture Flux	675lm	3	9.50	3.55 74
Efficacy	34lm/W	4	12.67	4.73 42
TS1036	I _{max} =1163cd/klm	I _{max}	786cd	
			5 15.83	5.91 27

Driver	Colour	Code
EL. DMX		1E3102

Photometric show the maximum emission values of fixtures.



Recessed RGBW L. 916mm



LED RGBW / 26W 4Ch / SPOT

	H(m)	D(m)	E _{max} (lx)
	-	11°	-
Fixture Power	31W	1	0.19 22404
Source Flux	1290lm	2	0.38 5601
Fixture Flux	1290lm	3	0.56 2489
Efficacy	42lm/W	4	0.75 1400
TS1031 I _{max} =17366cd/klm	I _{max}	22404cd	5 0.94 896

Driver	Colour	Code
EL. DMX	●	1E3104

LED RGBW / 26W 4Ch / FLOOD

	H(m)	D1(m)	D2(m)	E _{max} (lx)
	-	85°	29°	-
Fixture Power	31W	1	1.82 0.52	984
Source Flux	949lm	2	3.65 1.04	246
Fixture Flux	949lm	3	5.47 1.56	109
Efficacy	31lm/W	4	7.29 2.08	62
TS1034 I _{max} =1038cd/klm	I _{max}	984cd	5 9.11 2.60	39

Driver	Colour	Code
EL. DMX	●	1E3105

LED RGBW / 26W 4Ch / GRAZING

	H(m)	D1(m)	D2(m)	E _{max} (lx)
	-	73°	11°	-
Fixture Power	31W	1	1.48 0.19	2498
Source Flux	1110lm	2	2.97 0.38	624
Fixture Flux	1110lm	3	4.45 0.57	278
Efficacy	36lm/W	4	5.94 0.76	156
TS1028 I _{max} =2250cd/klm	I _{max}	2498cd	5 7.42 0.96	100

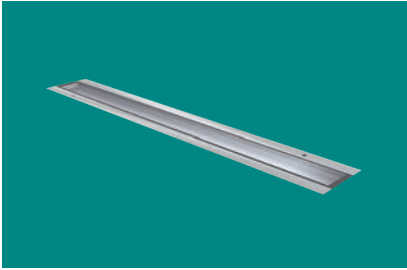
Driver	Colour	Code
EL. DMX	●	1E3103

LED RGBW / 26W 4Ch / WALL WASHER

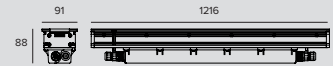
	H(m)	D1(m)	D2(m)	E _{max} (lx)
	-	115°	55°	-
Fixture Power	31W	1	3.17 1.18	1004
Source Flux	1013lm	2	6.33 2.36	251
Fixture Flux	1013lm	3	9.50 3.55	112
Efficacy	33lm/W	4	12.67 4.73	63
TS1037 I _{max} =1163cd/klm	I _{max}	1179cd	5 15.83 5.91	40

Driver	Colour	Code
EL. DMX	●	1E3106

Photometric show the maximum emission values of fixtures.



Recessed RGBW L. 1216mm



LED RGBW / 34W 4Ch / SPOT



		H(m)	D(m)	E _{max} (lx)
		-	11°	
Fixture Power	41W	1	0.19	29872
Source Flux	1720lm	2	0.38	7468
Fixture Flux	1720lm	3	0.56	3319
Efficacy	42lm/W	4	0.75	1867
TS1032	I _{max} =17366cd/klm	I _{max}	29872cd	5 0.94 1195

Driver	Colour	Code
EL. DMX	●	1E3108

LED RGBW / 34W 4Ch / FLOOD



		H(m)	D1(m)	D2(m)	E _{max} (lx)
		-	85°	29°	
Fixture Power	41W	1	1.82	0.52	1313
Source Flux	1265lm	2	3.65	1.04	328
Fixture Flux	1265lm	3	5.47	1.56	146
Efficacy	31lm/W	4	7.29	2.08	82
TS1035	I _{max} =1038cd/klm	I _{max}	1313cd	5 9.11 2.60	53

Driver	Colour	Code
EL. DMX	●	1E3109

LED RGBW / 34W 4Ch / GRAZING



		H(m)	D1(m)	D2(m)	E _{max} (lx)
		-	73°	11°	
Fixture Power	41W	1	1.48	0.19	3330
Source Flux	1480lm	2	2.97	0.38	833
Fixture Flux	1480lm	3	4.45	0.57	370
Efficacy	36lm/W	4	5.94	0.76	208
TS1027	I _{max} =2250cd/klm	I _{max}	3330cd	5 7.42 0.96	133

Driver	Colour	Code
EL. DMX	●	1E3107

LED RGBW / 34W 4Ch / WALL WASHER



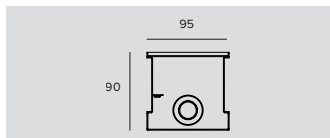
		H(m)	D1(m)	D2(m)	E _{max} (lx)
		-	115°	55°	
Fixture Power	41W	1	3.17	1.18	1338
Source Flux	1351lm	2	6.33	2.36	335
Fixture Flux	1351lm	3	9.50	3.55	149
Efficacy	33lm/W	4	12.67	4.73	84
TS1038	I _{max} =1163cd/klm	I _{max}	1572cd	5 15.83 5.91	54

Driver	Colour	Code
EL. DMX	●	1E3110

Photometric show the maximum emission values of fixtures.

Related codes

Insertion Box



L	Code
616mm	1E2749
916mm	1E2750
1216mm	1E2751

Insertion boxes.

Accessories

Tool



Code

1E2495

Features TORX HEAD, TX 30.

Connector



Code

1E2769

Connectors kit for 5 pole coaxial connections.



Code

1E3184

DMX connection.

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.

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

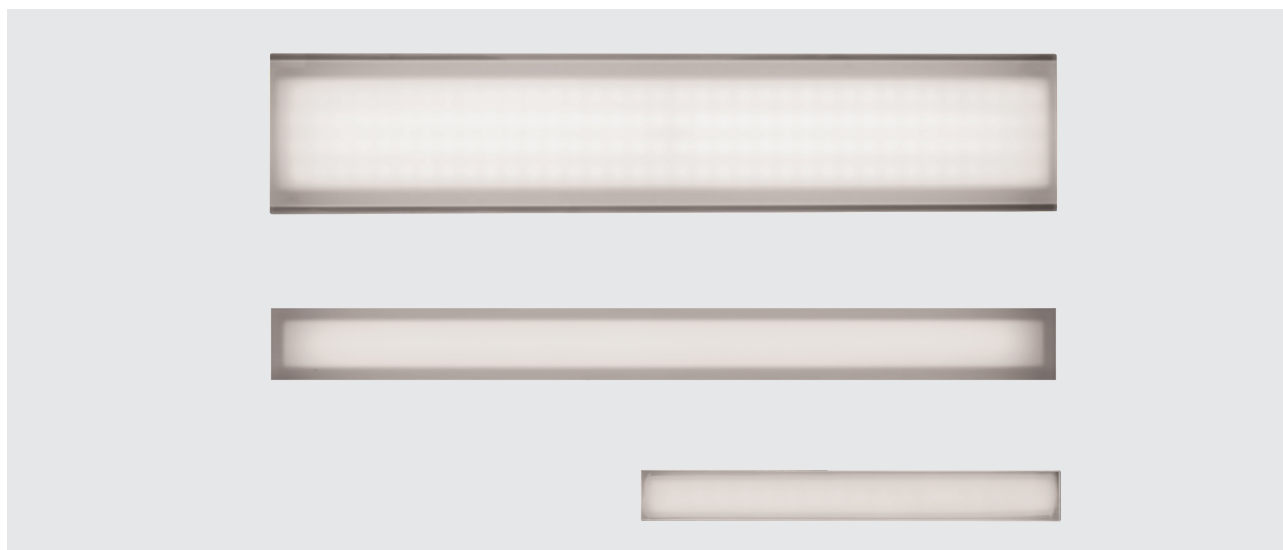
Electronic

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.





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2018

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Huntinton Beach - USA

MERCURE



Light-line



LED / 12W / VWFL



	3000K	H(m)	D(m)	Emax(lx)		
Ra84			116*			
Fixture Power	15W	1	3.21	278		
Source Flux	1720lm	2	6.43	69		
Fixture Flux	849lm	3	9.64	31		
Efficacy	57lm/W	4	12.85	17		
EV338	Imax=161cd/klm	Imax	278cd	5	16.07	11

Driver	Colour	3000K	4000K
EL.		1E2274	1E2275

Supplied with IP68 coaxial connection kit.

T16 (G5) / 24W / VWFL



	4000K	H(m)	D(m)	Emax(lx)		
Ra80			109*			
Fixture Power	24W	1	2.83	177		
Source Flux	1750lm	2	5.66	44		
Fixture Flux	493lm	3	8.49	20		
Efficacy	21lm/W	4	11.32	11		
EV128	Imax=101cd/klm	Imax	177cd	5	14.15	7

Driver	Colour	Code
EL.		1E2272

Supplied with IP68 coaxial connection kit.

Related codes

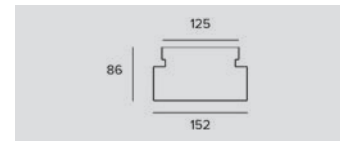
Insertion Box



Code

1E2264

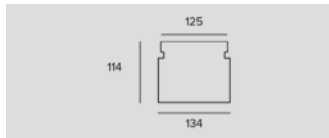
Anodized aluminium insertion box available in three different heights to satisfy any installation need.
Complete with removable end caps for in-line installation.
Low.



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

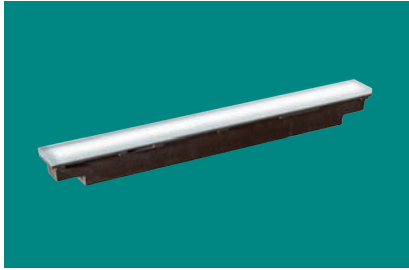


Code

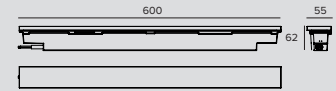
1E0388

Sucker tool to raise the glass.

MERCURE



MINIMERCURE LED



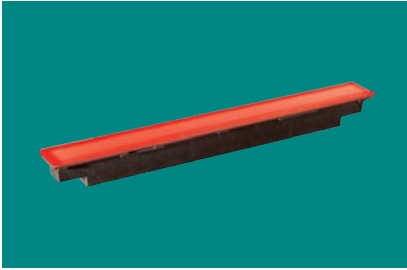
LED / 8W / VWFL						
	3000K	Power supply	Driver	Colour	3000K	4000K
	Ra84	24Vdc	Accessory		1E3406	1E3407
	Fixture Power 9W	220-240Vac	EL.		1E3404	1E3405
	Source Flux 1260lm					
	Fixture Flux 290lm					
	Efficacy 32lm/W					
TS775	Imax=71cd/klm					
	Imax 90cd					

Related codes

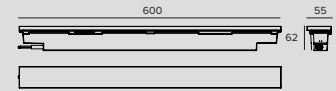
Insertion Box	
Code	Code
1E2382	1E2383
Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete. Vertical	Aluminium insertion boxes with horizontal or vertical 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



MINIMERCURE RGB



LED RGB / 8W / VWFL



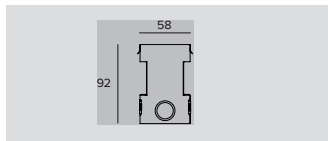
		H(m)	D1(m)	D2(m)	E _{max} (lx)		
		-	117°	129°			
Fixture Power	9W	1	3.27	4.16	25		
Source Flux	83lm	2	6.55	8.31	6		
Fixture Flux	82lm	3	9.82	12.47	3		
Efficacy	10lm/W	4	13.09	16.63	2		
TS775	I _{max} =302cd/klm	I _{max}	25cd	5	16.37	20.79	1

Power supply	Colour	RGB
24Vdc		1E2381

Photometric show the maximum emission values of fixtures.

Related codes

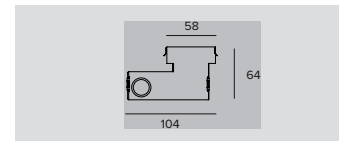
Insertion Box



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

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

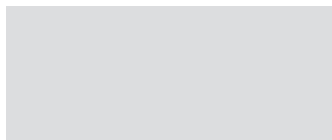


Code

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

MERCURE



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

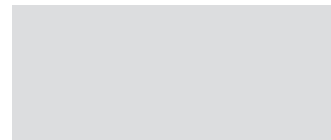
Cable

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.

MERCURE



MICROMERCURE



LED / 3W / VWFL					
	3000K	Power supply	Colour	3000K	4000K
	Ra80	12Vdc		1E2267	1E2268
	Fixture Power	3W			
	Source Flux	74lm			
	Fixture Flux	74lm			
Efficacy	25lm/W				
EV326	Imax=279cd/klm	Imax 21cd			

Related codes

Insertion Box

Code

1E2269

Galvanized metal insertion box.
Complete with removable end caps for in-line installation.

Power Supply

Code	Code
T1585	T1586
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.	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.



KEPLERO



THE POOLS
2018

LIGHTING DESIGN
Studio K1

PHOTOGRAPHER
©Brad Nelson

COUNTRY
Irvine - USA

KEPLERO plus

01 KEPLERO



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.

ZOOM

SPOT, FLOOD, MEDIUM WIDE FLOOD, WIDE FLOOD



GIMBAL

NARROW SPOT, FLOOD, FLOOD RECTANGLE

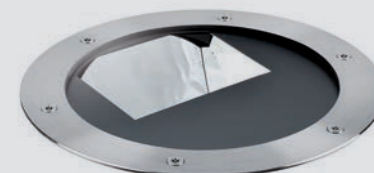


GIMBAL HP

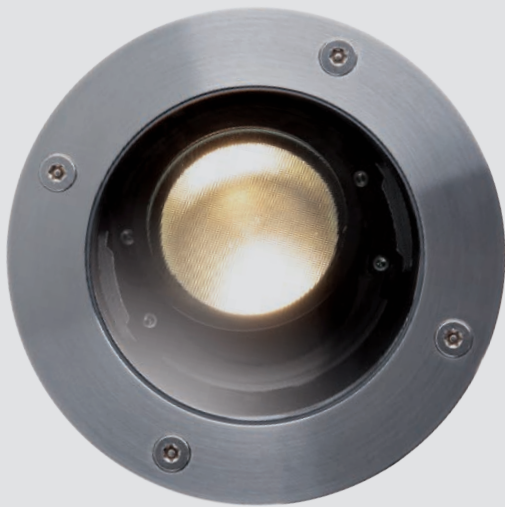
NARROW SPOT, SPOT, FLOOD



WALL WASHER



02 KEPLERO MINI



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.

ZOOM

SPOT, FLOOD, MEDIUM WIDE FLOOD,
WIDE FLOOD



GIMBAL

SPOT, FLOOD

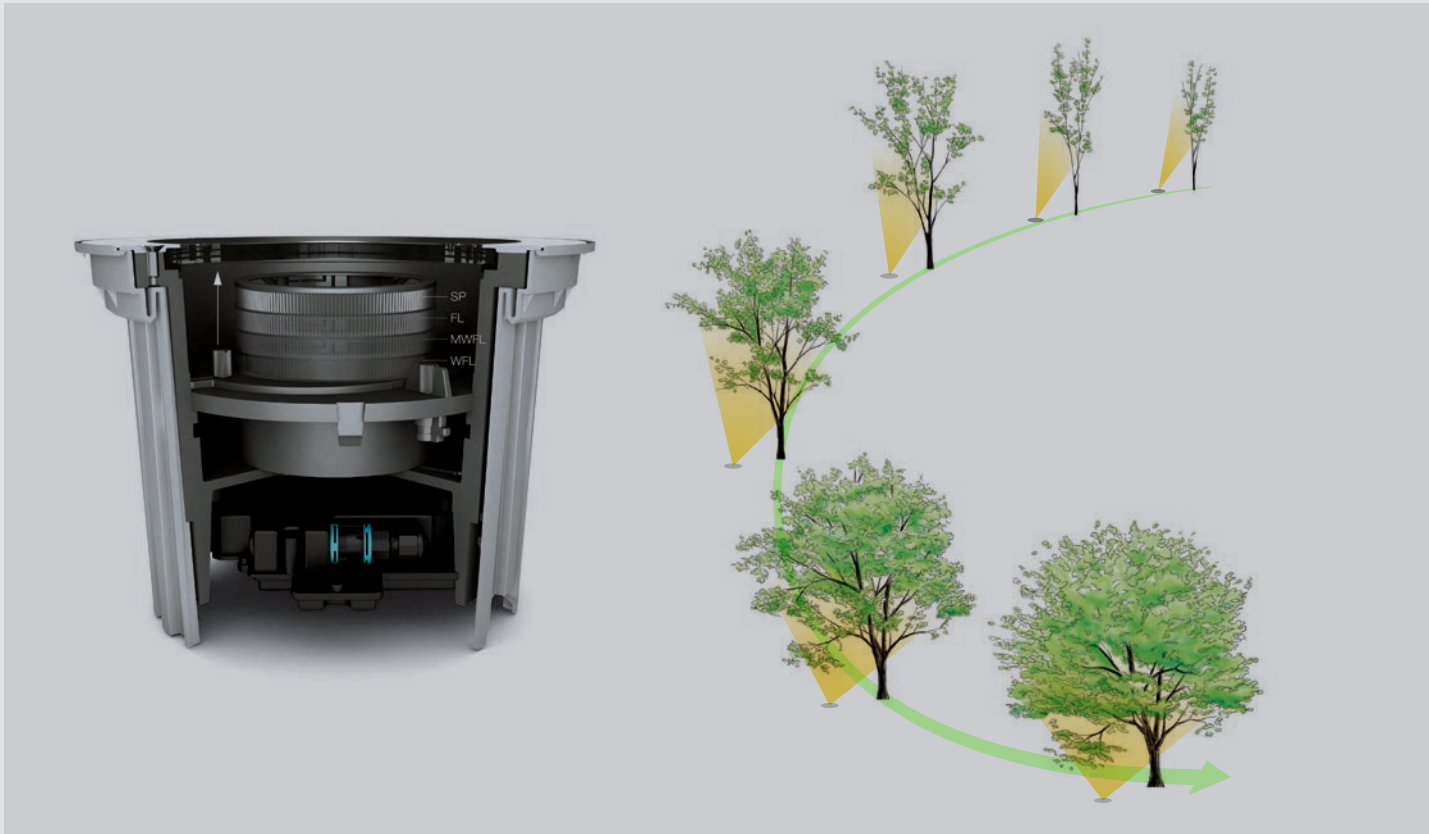


HI-EFFICACY

SPOT, FLOOD, MEDIUM WIDE FLOOD



03 ZOOM



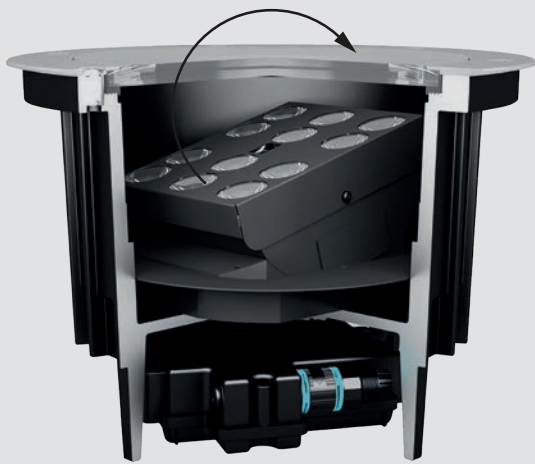
Versions with remote or driver included

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.

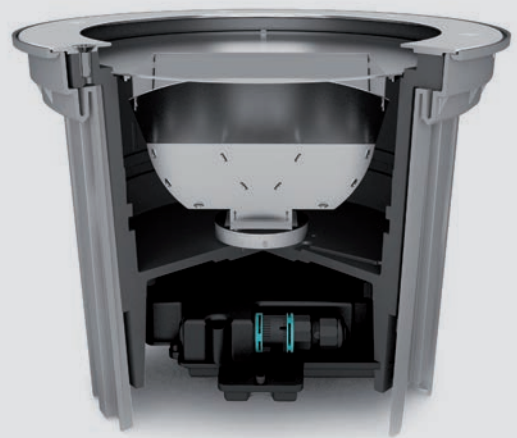
04 GIMBAL



GIMBAL optic

for precision lighting. A real projector given its high performance and the adjustability of the optical unit up to 40°.

05 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.

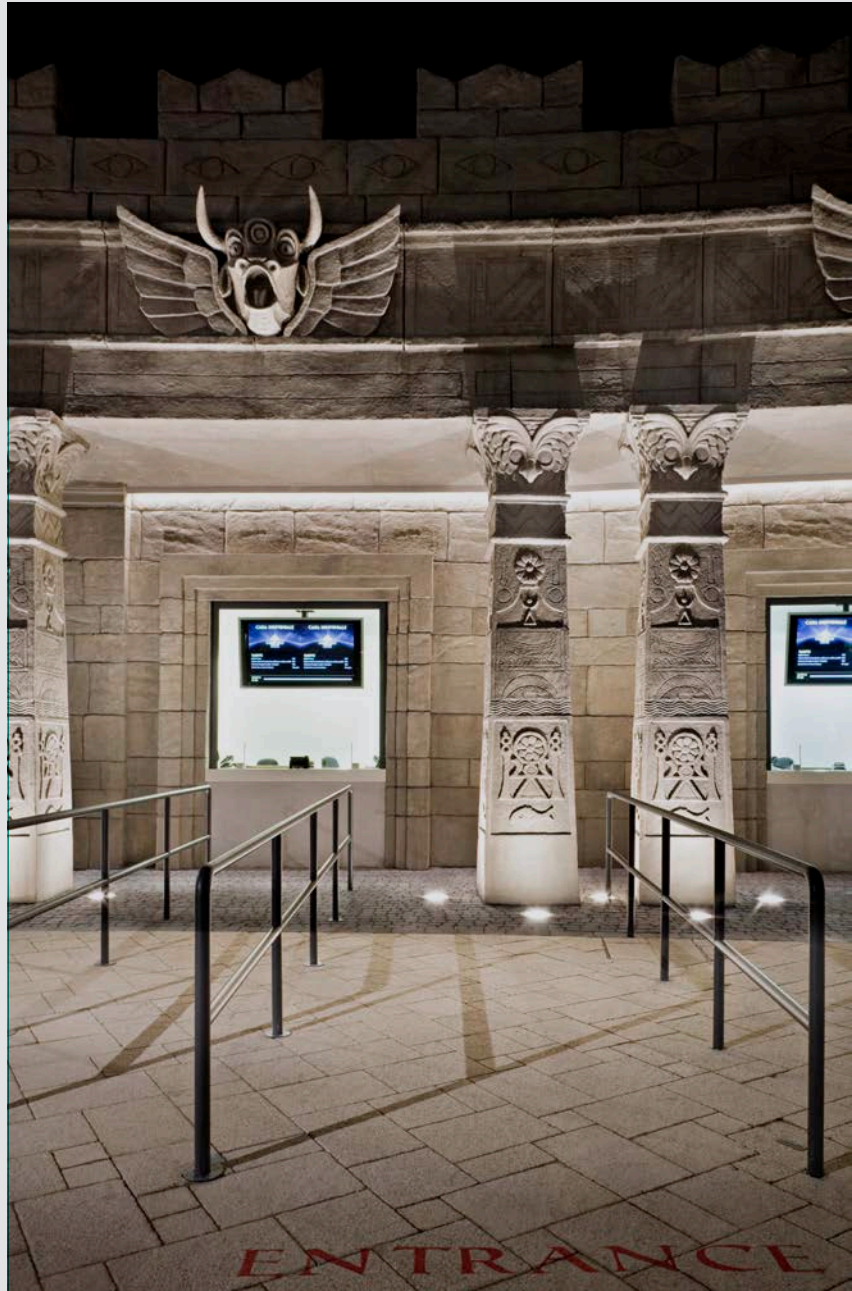
KEPLERO plus

06

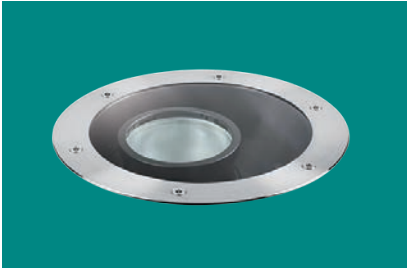


Brushed stainless steel ring finish

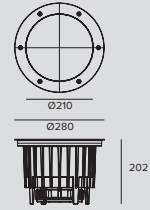
Installed flush or protruding by simply removing the frame from the nylon installation sleeve available as an accessory.



KEPLERO



Zoom



LED / 33W / SP, FL, MWFL, WFL



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		19°	
Fixture Power	36W	1	0.34	11460
Source Flux	4550lm	2	0.67	2865
Fixture Flux	1666lm	3	1.01	1273
Efficacy	47lm/W	4	1.34	716
TS782	I _{max} =2519cd/klm	I _{max}	11460cd	5
			1.68	458
	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		26°	
Fixture Power	36W	1	0.46	7939
Source Flux	4550lm	2	0.93	1985
Fixture Flux	2205lm	3	1.39	882
Efficacy	62lm/W	4	1.85	496
TS781	I _{max} =1745cd/klm	I _{max}	7939cd	5
			2.31	318
	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		43°	
Fixture Power	36W	1	0.79	4579
Source Flux	4550lm	2	1.57	1145
Fixture Flux	2756lm	3	2.36	509
Efficacy	77lm/W	4	3.14	286
TS780	I _{max} =1006cd/klm	I _{max}	4579cd	5
			3.93	183
	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		64°	
Fixture Power	36W	1	1.25	2724
Source Flux	4550lm	2	2.50	681
Fixture Flux	2889lm	3	3.75	303
Efficacy	81lm/W	4	5.00	170
TS779	I _{max} =599cd/klm	I _{max}	2724cd	5
			6.25	109

Driver	Colour	3000K	4000K
EL.	●	1E2386	1E2387

All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation for 1h. at maximum. IP69K complies with Standard DIN 40050-9.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

Related codes

Installation sleeve

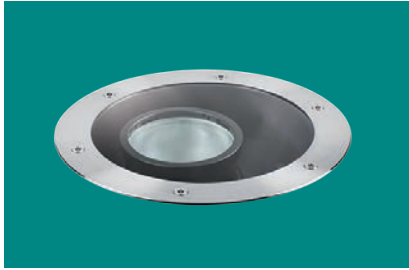


Code

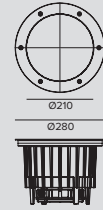
1E2394

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



202

LED RGBW / 49W / SP, FL, MWFL, WFL



		H(m)	D(m)	Emax(lx)
			23°	
	Fixture Power	56W	1	0.42 4266
	Source Flux	826lm	2	0.83 1067
	Fixture Flux	826lm	3	1.25 474
	Efficacy	15lm/W	4	1.66 267
TS904	Imax=5165cd/klm	Imax	4266cd	5 2.08 171
			32°	
	Fixture Power	56W	1	0.57 3161
	Source Flux	1082lm	2	1.14 790
	Fixture Flux	1082lm	3	1.71 351
	Efficacy	19lm/W	4	2.27 198
TS905	Imax=2921cd/klm	Imax	3161cd	5 2.84 126
			51°	
	Fixture Power	56W	1	0.95 1877
	Source Flux	1359lm	2	1.90 469
	Fixture Flux	1359lm	3	2.85 209
	Efficacy	24lm/W	4	3.80 117
TS906	Imax=1380cd/klm	Imax	1877cd	5 4.75 75
			72°	
	Fixture Power	56W	1	1.45 1076
	Source Flux	1402lm	2	2.90 269
	Fixture Flux	1402lm	3	4.35 120
	Efficacy	25lm/W	4	5.80 67
TS907	Imax=768cd/klm	Imax	1076cd	5 7.25 43

Driver	Colour	Code
EL. DMX		1E2768

All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation for 1h. at maximum. IP69K complies with Standard DIN 40050-9.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

Photometric show the maximum emission values of fixtures.

Related codes

Installation 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.

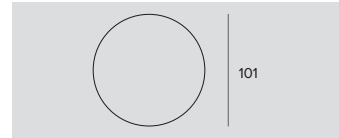
Accessories

Filter



Filter	Ø	Code
Red	101	1T1700
Green	101	1T1701
Blue	101	1T1702
Yellow	101	1T1703
Magenta	101	1T1704

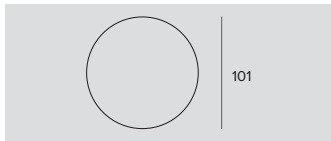
Flat glass interference chromatic filter.



Ø	Code
101	1T1696

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

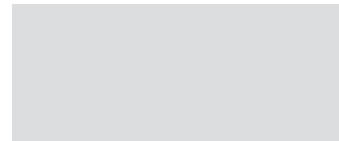
Grid



Ø	Code
101	1T1699

Anti-glare louver.
Black painted metal honeycomb structure.

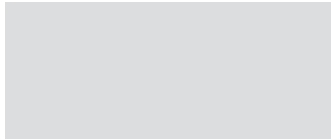
RAY Shade



Colour	Code
●	1E2402

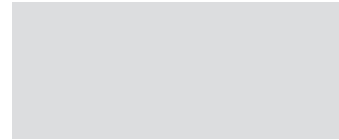
Half-moon shutter.

Tool



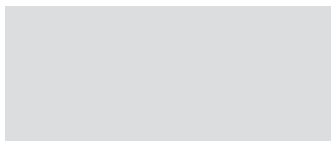
Code
1E2496

Metal handle for fixture removal



Code
1E2495

Features TORX HEAD, TX 30.



Code
1E0388

Sucker tool to raise the glass.

KEPLERO

Connector



Code

1E2493

Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

1E3400

Connection kit for looping between fixtures.
IP68

Connector - RGBW



Code

1E3184

DMX connection.

Control systems - RGBW



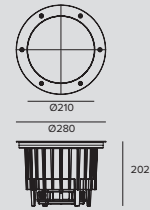
Code

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.



Gimbal



LED / 11W / NSP								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra80		9°		EL.		1E2388	1E2389
	Fixture Power	15W	1	0.15	20172			
	Source Flux	878lm	2	0.31	5043			
	Fixture Flux	718lm	3	0.46	2241			
	Efficacy	50lm/W	4	0.61	1261			
TS776	Imax=22975cd/klm	Imax	20172cd	5	0.76	807		

LED / 11W / FL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra80		28°		EL.		1E2390	1E2391
	Fixture Power	15W	1	0.51	2508			
	Source Flux	878lm	2	1.01	627			
	Fixture Flux	636lm	3	1.52	279			
	Efficacy	44lm/W	4	2.02	157			
TS777	Imax=2857cd/klm	Imax	2508cd	5	2.53	100		

LED / 11W / FL RECTANGLE									
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra80		43°	30°		EL.		1E2392	1E2393
	Fixture Power	15W	1	0.79	0.54	1228			
	Source Flux	878lm	2	1.58	1.08	307			
	Fixture Flux	582lm	3	2.36	1.62	136			
	Efficacy	40lm/W	4	3.15	2.15	77			
TS778	Imax=1398cd/klm	Imax	1228cd	5	3.94	2.69	49		

All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation for 1h. at maximum. IP69K complies with Standard DIN 40050-9.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

Related codes

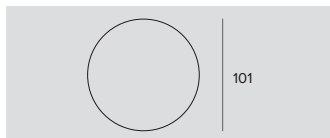
Installation sleeve	
	Code
	1E2394

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

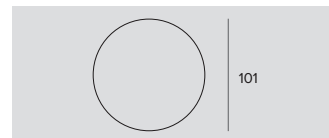
Accessories

Filter



Filter	Ø	Code
Red	101	1T1700
Green	101	1T1701
Blue	101	1T1702
Yellow	101	1T1703
Magenta	101	1T1704

Flat glass interference chromatic filter.



Ø	Code
101	1T1696

Flat striped glass refractive blade light filter.

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

Grid

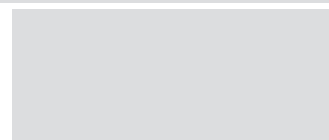


Ø	Code
101	1T1699

Anti-glare louver.

Black painted metal honeycomb structure.

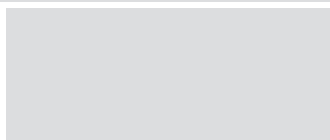
RAY Shade



Colour	Code
●	1E2402

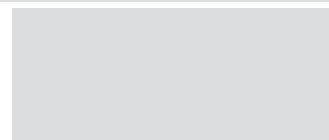
Half-moon shutter.

Tool



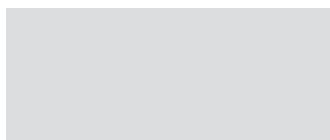
Code
1E2496

Metal handle for fixture removal



Code
1E2495

Features TORX HEAD, TX 30.

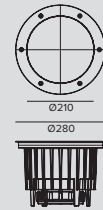


Code
1E0388

Sucker tool to raise the glass.



Gimbal HP



202

LED / 33W / NSP



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		8°	
Fixture Power	37W	1	0.14	78598
Source Flux	2791lm	2	0.29	19650
Fixture Flux	2373lm	3	0.43	8733
Efficacy	64lm/W	4	0.57	4912
TS986	I _{max} =28161cd/klm	I _{max}	78598cd	5 0.72 3144

Driver	Colour	3000K	4000K
EL.		1E3050	1E3053

LED / 33W / SP



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		18°	
Fixture Power	37W	1	0.32	18947
Source Flux	2791lm	2	0.63	4737
Fixture Flux	2205lm	3	0.95	2105
Efficacy	60lm/W	4	1.27	1184
TS987	I _{max} =6789cd/klm	I _{max}	18947cd	5 1.58 758

Driver	Colour	3000K	4000K
EL.		1E3051	1E3054

LED / 33W / FL



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		30°	
Fixture Power	37W	1	0.53	8160
Source Flux	2791lm	2	1.06	2040
Fixture Flux	2149lm	3	1.59	907
Efficacy	58lm/W	4	2.12	510
TS988	I _{max} =2924cd/klm	I _{max}	8160cd	5 2.65 326

Driver	Colour	3000K	4000K
EL.		1E3052	1E3055

All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation for 1h. at maximum. IP69K complies with Standard DIN 40050-9.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

Related codes

Installation sleeve

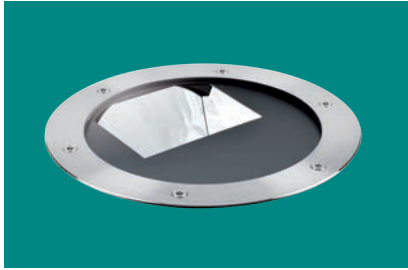


Code

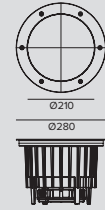
1E2394

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



Wall Washer



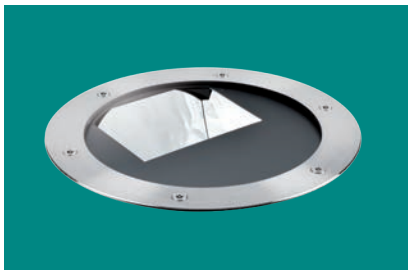
202

LED / 33W / WALL WASHER

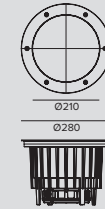


		3000K			
		H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra84			106°	66°	
Fixture Power	36W	1	2.68	1.61	1355
Source Flux	4550lm	2	5.36	3.22	339
Fixture Flux	2318lm	3	8.04	4.84	151
Efficacy	65lm/W	4	10.71	6.45	85
TS853	I _{max} =393cd/klm	5	13.39	8.06	54
	I _{max}				
	1790cd				

Driver	Colour	3000K	4000K
EL.	●	1E2561	1E2562



Wall Washer RGBW



202

LED RGBW / 49W / WALL WASHER



		-			
		H(m)	D1(m)	D2(m)	E _{max} (lx)
			114°	75°	
Fixture Power	56W	1	3.10	2.07	452
Source Flux	1091lm	2	6.19	4.14	113
Fixture Flux	1091lm	3	9.29	6.21	50
Efficacy	19lm/W	4	12.39	8.29	28
TS1026	I _{max} =550cd/klm	5	15.48	10.36	18
	I _{max}				
	600cd				

Driver	Colour	Code
EL. DMX	●	1E3123

Photometric show the maximum emission values of fixtures.

All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation for 1h. at maximum. IP69K complies with Standard DIN 40050-9.

Related codes

Installation sleeve



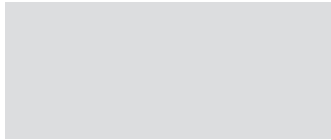
Code

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

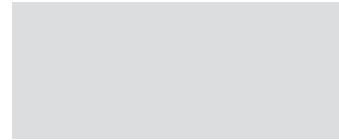
Tool



Code

1E2496

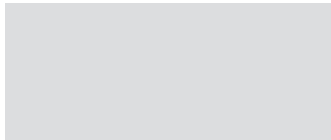
Metal handle for fixture removal



Code

1E2495

Features TORX HEAD, TX 30.

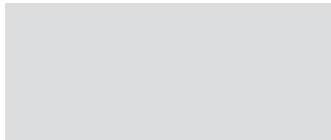


Code

1E0388

Sucker tool to raise the glass.

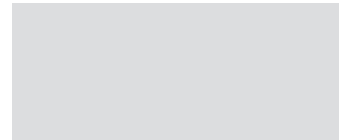
Connector



Code

1E2493

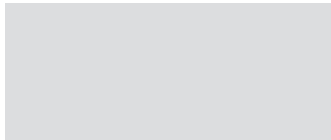
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

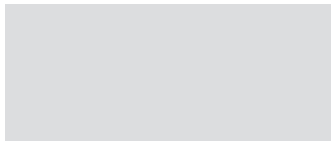


Code

1E3400

Connection kit for looping between fixtures.
IP68

Connector - RGBW

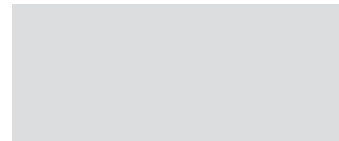


Code

1E3184

DMX connection.

Control systems - RGBW



Code

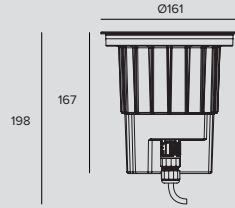
1E2767

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.

KEPLERO



Mini Zoom



LED / 12W / ZOOM / SP, FL, MWFL, WFL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		16°			
	Fixture Power	14W	1	0.28	5715	
	Source Flux	1775lm	2	0.55	1429	
	Fixture Flux	615lm	3	0.83	635	
	Efficacy	46lm/W	4	1.10	357	
TS815	I _{max} =3220cd/klm	I _{max}	5715cd	5	1.38	229
	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		33°			
	Fixture Power	14W	1	0.58	2608	
	Source Flux	1775lm	2	1.17	652	
	Fixture Flux	809lm	3	1.75	290	
Efficacy	60lm/W	4	2.33	163		
TS816	I _{max} =1469cd/klm	I _{max}	2608cd	5	2.92	104
	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		53°			
	Fixture Power	14W	1	0.99	1536	
	Source Flux	1775lm	2	1.98	384	
	Fixture Flux	1045lm	3	2.97	171	
Efficacy	77lm/W	4	3.95	96		
TS817	I _{max} =866cd/klm	I _{max}	1536cd	5	4.94	61
	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		61°			
	Fixture Power	14W	1	1.18	1102	
	Source Flux	1775lm	2	2.37	276	
	Fixture Flux	1127lm	3	3.55	122	
Efficacy	83lm/W	4	4.74	69		
TS818	I _{max} =621cd/klm	I _{max}	1102cd	5	5.92	44

	Power supply	Driver	Colour	3000K	4000K
	110-240Vac	EL.		1E2497	1E2498
	48Vdc	Accessory		1E2499	1E2500

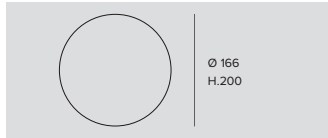
All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max. 1h) but is unsuitable for permanent underwater installation.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

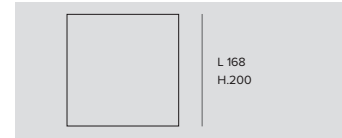
Related codes

Installation sleeve



Ø	H	Code
166	200	1E2521

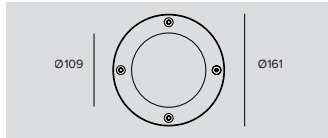
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	1E2522

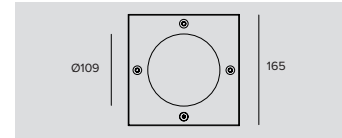
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



Code
1E2525

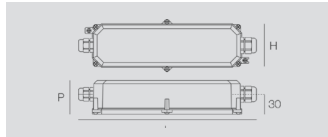
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.



Code
1E2526

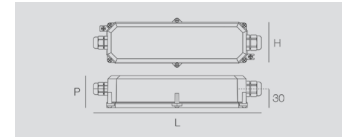
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

Power Supply



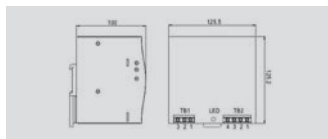
Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



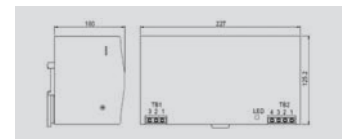
Code
1E2321

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.



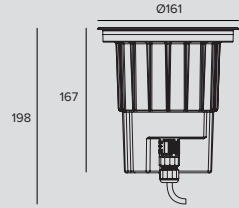
Code
1E2323

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.

KEPLERO



Mini Gimbal



LED / 8W / GIMBAL / SP

	3000K	H(m)	D(m)	Emax(lx)		
Ra80			11°			
Fixture Power	11W	1	0.19	11401		
Source Flux	768lm	2	0.38	2850		
Fixture Flux	592lm	3	0.57	1267		
Efficacy	56lm/W	4	0.77	713		
TS819	Imax=14845cd/klm	Imax	11401cd	5	0.96	456

	Power supply	Driver	Colour	3000K	4000K
	110-240Vac	EL.		1E2501	1E2502
	48Vdc	Accessory		1E2505	1E2506

LED / 8W / GIMBAL / FL

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			32°	30°			
Fixture Power	11W	1	0.57	0.54	2112		
Source Flux	768lm	2	1.15	1.09	528		
Fixture Flux	568lm	3	1.72	1.63	235		
Efficacy	54lm/W	4	2.29	2.17	132		
TS820	Imax=2750cd/klm	Imax	2112cd	5	2.87	2.72	84

	Power supply	Driver	Colour	3000K	4000K
	110-240Vac	EL.		1E2503	1E2504
	48Vdc	Accessory		1E2507	1E2508

All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max. 1h) but is unsuitable for permanent underwater installation.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

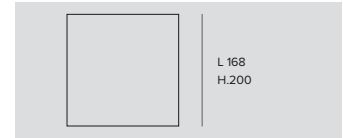
Related codes

Installation sleeve



Ø	H	Code
166	200	1E2521

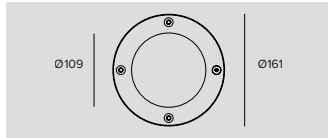
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	1E2522

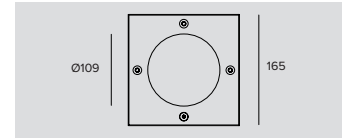
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



Code
1E2525

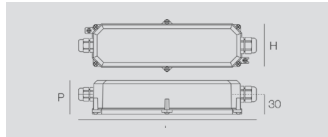
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.



Code
1E2526

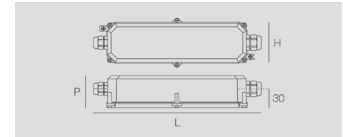
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

Power Supply



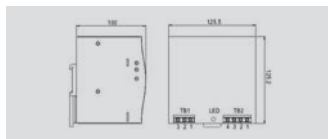
Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



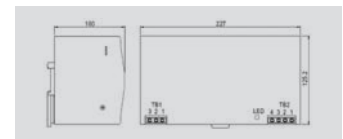
Code
1E2321

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.



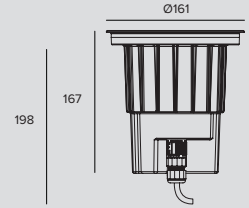
Code
1E2323

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.

KEPLERO



Mini High Efficacy



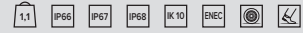
LED / 12W / SP



	3000K	H(m)	D(m)	Emax(lx)
Ra84			11°	
Fixture Power	14W	1	0.20	17736
Source Flux	1775lm	2	0.39	4434
Fixture Flux	1403lm	3	0.59	1971
Efficacy	104lm/W	4	0.79	1109
TS821	Imax=9992cd/klm	Imax	17736cd	709

	Power supply	Driver	Colour	3000K	4000K
□	110-240Vac	EL.	●	1E2509	1E2510
◇	48Vdc	Accessory	●	1E2515	1E2516

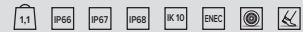
LED / 12W / FL



	3000K	H(m)	D(m)	Emax(lx)
Ra84			18°	
Fixture Power	14W	1	0.31	7969
Source Flux	1775lm	2	0.63	1992
Fixture Flux	1397lm	3	0.94	885
Efficacy	104lm/W	4	1.25	498
TS822	Imax=4490cd/klm	Imax	7969cd	319

	Power supply	Driver	Colour	3000K	4000K
□	110-240Vac	EL.	●	1E2511	1E2512
◇	48Vdc	Accessory	●	1E2517	1E2518

LED / 12W / MWFL



	3000K	H(m)	D(m)	Emax(lx)
Ra84			40°	
Fixture Power	14W	1	0.73	2861
Source Flux	1775lm	2	1.47	715
Fixture Flux	1384lm	3	2.20	318
Efficacy	102lm/W	4	2.93	179
TS823	Imax=1624cd/klm	Imax	2882cd	114

	Power supply	Driver	Colour	3000K	4000K
□	110-240Vac	EL.	●	1E2513	1E2514
◇	48Vdc	Accessory	●	1E2519	1E2520

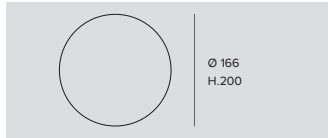
All lighting fixtures have to be completed with installation sleeve.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max. 1h) but is unsuitable for permanent underwater installation.

LED versions of KEPLERO family meet all the requirements of standard EN 60598-2-13 regarding pedestrian use. Low temperatures on the glass characterizing the LED range of fixtures make them suitable even for installation in "special areas", such as spaces for children.

Related codes

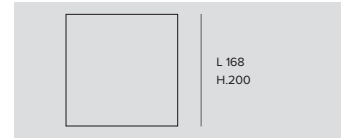
Installation sleeve



Ø 166
H.200

Ø	H	Code
166	200	1E2521

Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.

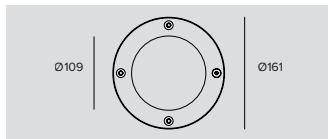


L 168
H.200

L	H	Code
168	200	1E2522

Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring

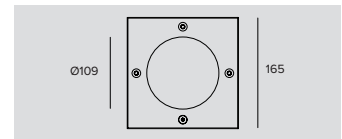


Ø109 | Ø161

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.



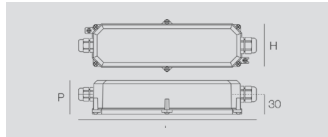
Ø109 | 165

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.

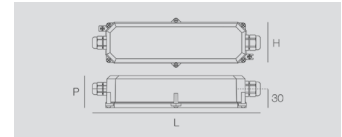
Power Supply



Code

1E2320

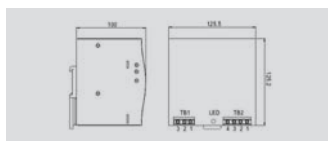
Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



Code

1E2321

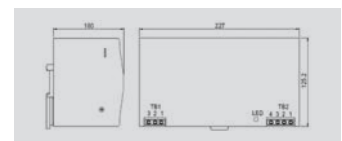
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



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

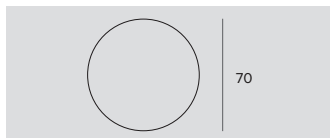
1E2323

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.

KEPLERO

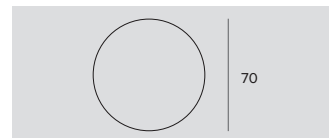
Accessories

Filter



Filter	Ø	Code
Red	70	1T1712
Green	70	1T1713
Blue	70	1T1714
Yellow	70	1T1715
Magenta	70	1T1716

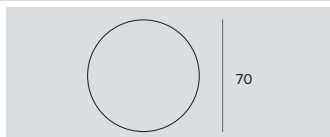
Flat glass interference chromatic filter.
To be completed with an additional holder ring for Keplero Mini HE.



Ø	Code
70	1T1708

Flat ribbed glass parallel light blade 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 for Keplero Mini HE.

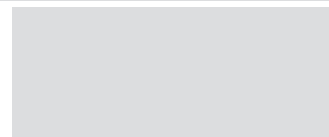
Grid



Ø	Code
70	1T1711

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring for Keplero Mini HE.

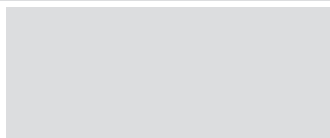
Shutter



Code
1E2523

Black half-moon shutter.

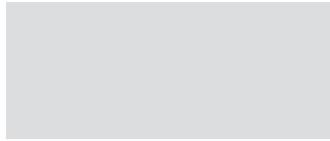
Holder Ring



Code
1T3727

Transparent polycarbonate accessory holder ring.

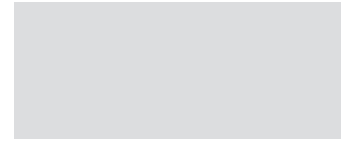
Tool



Code

1E2495

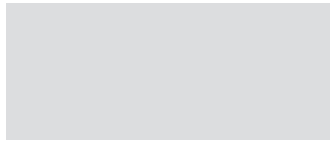
Features TORX HEAD, TX 30.



Code

1E2524

Metal handle for fixture removal

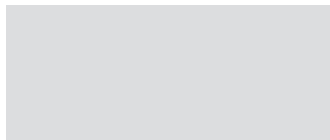


Code

1E0388

Sucker tool to raise the glass.

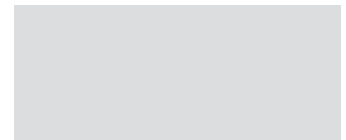
Connector



Code

1E2493

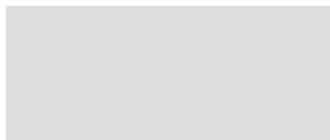
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

1E3400

Connection kit for looping between fixtures.
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

Unutil 106lm/W

OPTICS

One-emission 106°
Double-emission 106°+106°
Pluri-emission 4x62°

POWER SUPPLY

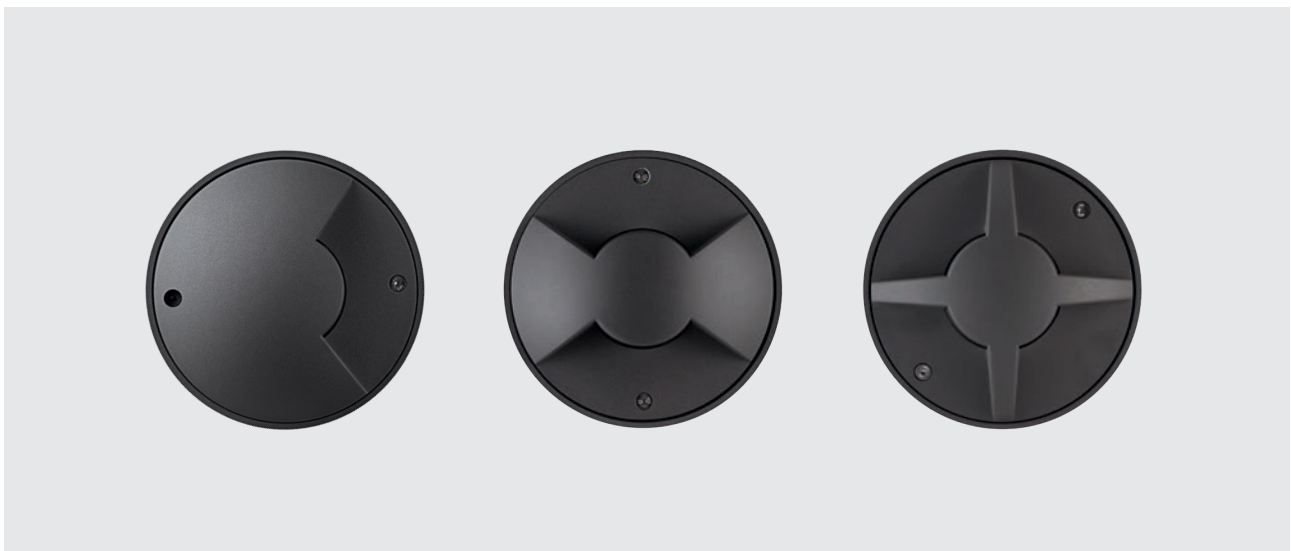
Electronic

MATERIAL

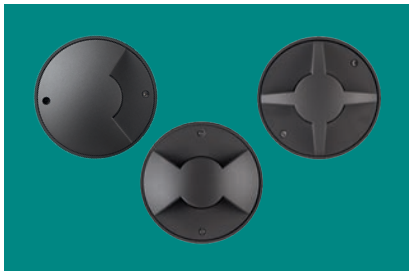
Stainless steel body. Painted anodised aluminium ring and cover.

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.

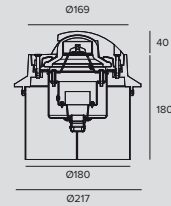
They meet all the requirements of standard EN 60598-2-13 regarding vehicle and pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as car parks, pedestrian zones and other designated areas



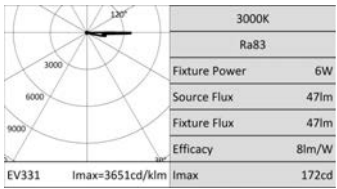
TITANO



LED

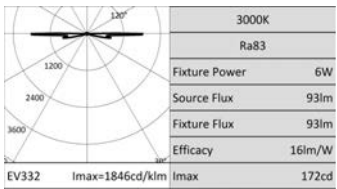


LED / 5W / MONOEMISSION ⊕ 3.9 IP67 IK10 1m



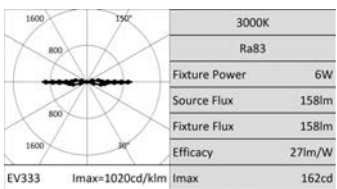
Driver	Colour	3000K	4000K
EL.	●	1E2770	1E2771

LED / 5W / BIEMISSION ⊕ 3.9 IP67 IK10 1m



Driver	Colour	3000K	4000K
EL.	●	1E2772	1E2773

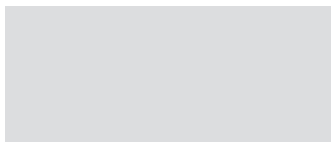
LED / 5W / PLURIEMISSION ⊕ 3.9 IP67 IK10 1m



Driver	Colour	3000K	4000K
EL.	●	1E2774	1E2775

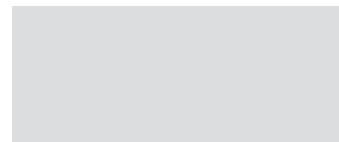
Accessories

Connector



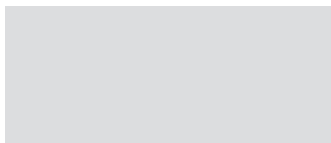
Code
1E2493

Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code
1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code
1E3400

Connection kit for looping between fixtures.
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.

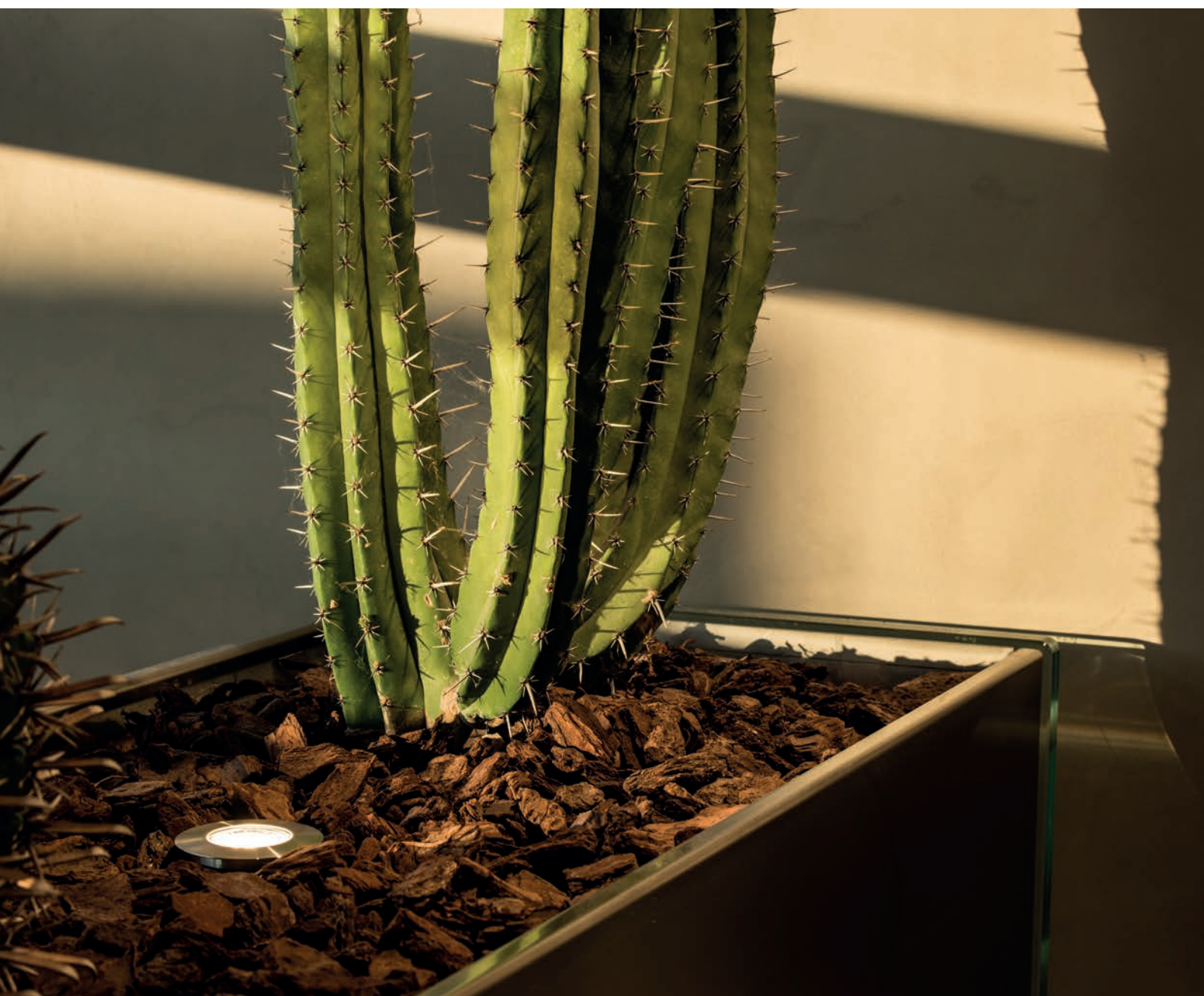
This fixture has a lenticular type optic that makes it possible to obtain defined, precise beams.

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
2018

ARCHITECT
Studio Ceri

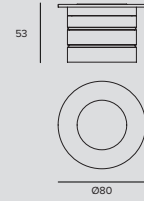
PHOTOGRAPHER
Officine Fotografiche

COUNTRY
Prato, Italy

JUPITER



Walk-over



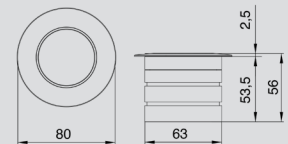
LED / 9W / SP									
		Power supply	Colour	3000K	4000K				
		24Vdc		1E3128	1E3129				
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		18°						
	Fixture Power	10W	1	0.32	5028				
	Source Flux	1213lm	2	0.65	1257				
	Fixture Flux	958lm	3	0.97	559				
	Efficacy	96lm/W	4	1.30	314				
TS1045	Imax=4145cd/klm	Imax	5028cd	5	1.62	201			

LED / 9W / FL									
		Power supply	Colour	3000K	4000K				
		24Vdc		1E3130	1E3131				
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		34°						
	Fixture Power	10W	1	0.62	2069				
	Source Flux	1213lm	2	1.23	517				
	Fixture Flux	979lm	3	1.85	230				
	Efficacy	98lm/W	4	2.47	129				
TS1046	Imax=1705cd/klm	Imax	2069cd	5	3.08	83			

LED / 9W / WFL									
		Power supply	Colour	3000K	4000K				
		24Vdc		1E3132	1E3133				
	3000K	H(m)	D(m)	Emax(lx)					
	Ra84		57°						
	Fixture Power	10W	1	1.08	981				
	Source Flux	1213lm	2	2.16	245				
	Fixture Flux	961lm	3	3.25	109				
	Efficacy	96lm/W	4	4.33	61				
TS1047	Imax=808cd/klm	Imax	981cd	5	5.41	39			



Drive-Over



LED / 9W / SP											
		Power supply	Colour	2700K	3000K	4000K					
		24Vdc		1E3451	1E3454	1E3457					

LED / 9W / FL

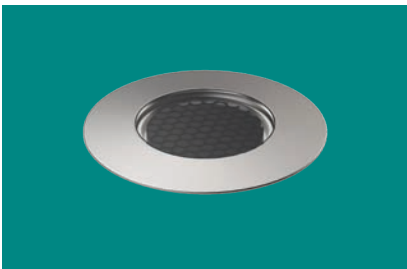


Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E3452	1E3455	1E3458

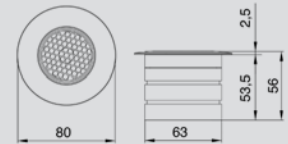
LED / 9W / WFL



Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E3453	1E3456	1E3459



Drive-Over + Grid



LED / 9W / SP



Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E3471	1E3474	1E3477

LED / 9W / FL



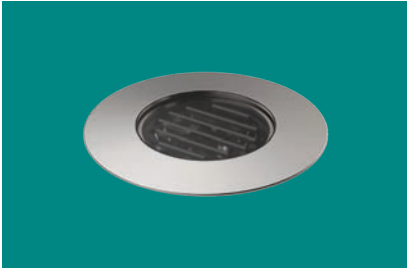
Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E3472	1E3475	1E3478

LED / 9W / WFL

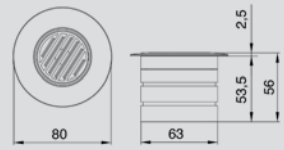


Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E3473	1E3476	1E3479

JUPITER



Drive-Over + Asymmetric Screen



LED / 9W / SP



Power supply	Colour	2700K	3000K	4000K
24Vdc		1E3489	1E3492	1E3495

LED / 9W / FL



Power supply	Colour	2700K	3000K	4000K
24Vdc		1E3490	1E3493	1E3496

LED / 9W / WFL



Power supply	Colour	2700K	3000K	4000K
24Vdc		1E3491	1E3494	1E3497

Related codes

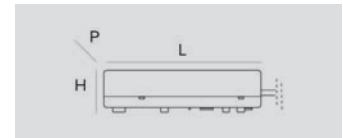
Power Supply



Code

1E3179

Electronic power supply 10W, LxHxP=79x24.5x38mm, 220/240V-AC, 24V-DC, IP67.



Code

1E2908

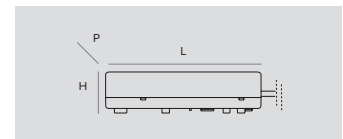
DALI dimmable electronic power supply 16W, LxHxP=110x22x52mm, 220-240Vac, 24Vdc, IP20.



Code

1E0993

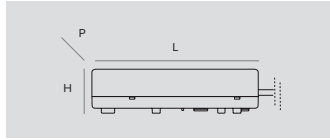
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.



Code

1T3726

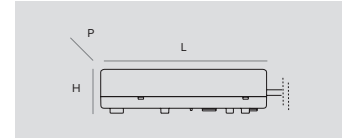
Electronic power supply 50W, LxHxP=185x22x63.5mm, 220-240V, 24V-DC, IP20.



Code

1T3586

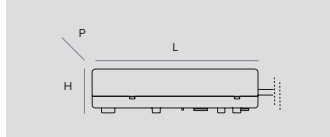
Electronic power supply 75W, LxHxP=130x32x80mm, 220-240V, 24V-DC, IP67.



Code

1T3587

Electronic power supply 100W, LxHxP=230x87x43mm, 220-240V, 24V-DC, IP67.



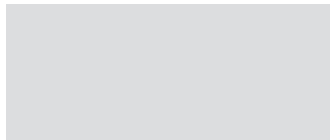
Code

1T3588

Electronic power supply 200W, LxHxP=238x42x67mm, 220-240V, 24V-DC, IP67.

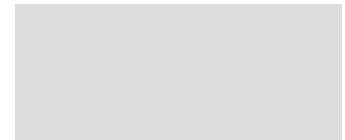
Accessories

Installation sleeve



Ø	H	Code
75	80	1E3175

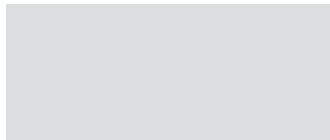
Installation sleeve.



Ø	H	Code
75	80	1E3460

Installation sleeve.
For the drive-over version.

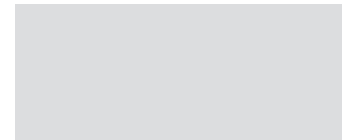
Connector



Code

1E2493

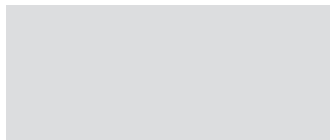
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



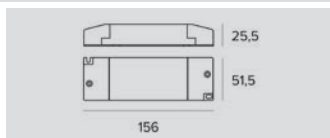
Code

1E3400

Connection kit for looping between fixtures.
IP68

JUPITER

Control systems



Code

1T6581

DALI/1-10V dimmer 12/24V.



Code

1E3048

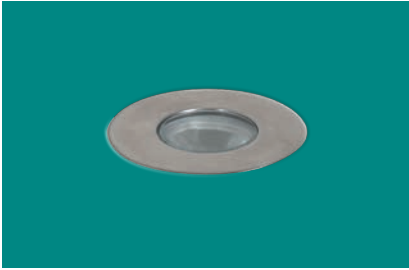
A IP67 Module for individual control of external devices equipped with DALI drivers. The module needs to be positioned in order to receive radio signals. The distance to the lighting fixtures can reach up to 50m.



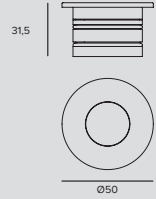
Code

1E3049

IP67 Extender for wireless control 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.



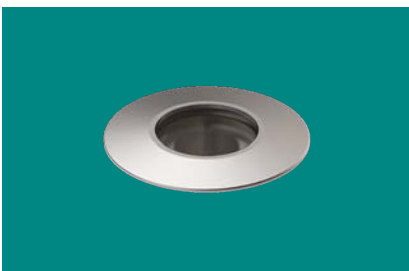
Mini Walk-over



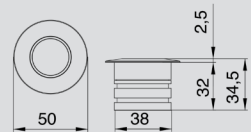
LED / 3W / SP									
	3000K	H(m)	D(m)	Emax(lx)		Power supply	Colour	3000K	4000K
	Ra84		17°			24Vdc	●	1E3136	1E3137
	Fixture Power	4W	1	0.31	2037				
	Source Flux	353lm	2	0.61	509				
	Fixture Flux	295lm	3	0.92	226				
	Efficacy	74lm/W	4	1.23	127				
	TS1048	Imax=5771cd/klm	Imax	2037cd	5	1.53			

LED / 3W / FL									
	3000K	H(m)	D(m)	Emax(lx)		Power supply	Colour	3000K	4000K
	Ra84		30°			24Vdc	●	1E3138	1E3139
	Fixture Power	4W	1	0.54	1062				
	Source Flux	353lm	2	1.09	266				
	Fixture Flux	289lm	3	1.63	118				
	Efficacy	72lm/W	4	2.17	66				
	TS1049	Imax=3009cd/klm	Imax	1062cd	5	2.72			

LED / 3W / WFL									
	3000K	H(m)	D(m)	Emax(lx)		Power supply	Colour	3000K	4000K
	Ra84		60°			24Vdc	●	1E3140	1E3141
	Fixture Power	4W	1	1.16	367				
	Source Flux	353lm	2	2.32	92				
	Fixture Flux	302lm	3	3.47	41				
	Efficacy	75lm/W	4	4.63	23				
	TS1050	Imax=1041cd/klm	Imax	367cd	5	5.79			



Mini Drive-Over

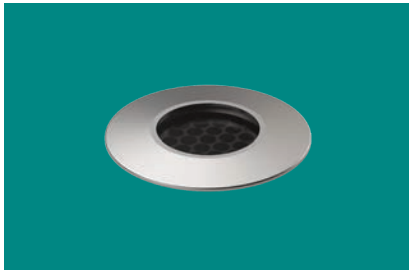


LED / 3W / SP									
	Power supply	Colour	2700K	3000K	4000K				
	24Vdc	●	1E3461	1E3464	1E3467				

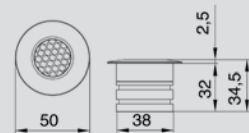
JUPITER

LED / 3W / FL								
Power supply	Colour	2700K	3000K	4000K				
24Vdc		1E3462	1E3465	1E3468				

LED / 3W / WFL								
Power supply	Colour	2700K	3000K	4000K				
24Vdc		1E3463	1E3466	1E3469				



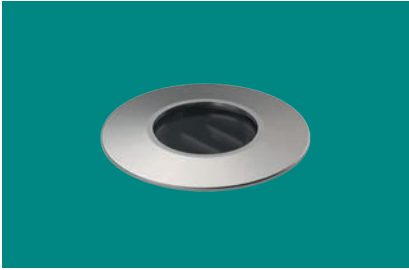
Mini Drive-Over + Grid



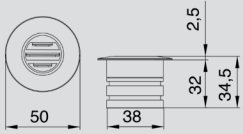
LED / 3W / SP								
Power supply	Colour	2700K	3000K	4000K				
24Vdc		1E3480	1E3483	1E3486				

LED / 3W / FL								
Power supply	Colour	2700K	3000K	4000K				
24Vdc		1E3481	1E3484	1E3487				

LED / 3W / WFL								
Power supply	Colour	2700K	3000K	4000K				
24Vdc		1E3482	1E3485	1E3488				



Mini Drive-Over + Asymmetric Screen



LED / 3W / SP

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E3498	1E3501	1E3504

LED / 3W / FL

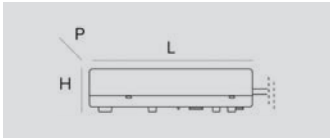
Power supply	Colour	2700K	3000K	4000K
24Vdc		1E3499	1E3502	1E3505

LED / 3W / WFL

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E3500	1E3503	1E3506

Related codes

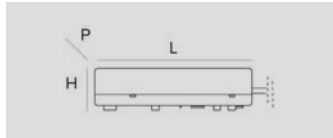
Power Supply



Code

1E3179

Electronic power supply 10W, LxHxP=79x24.5x38mm, 220/240V-AC, 24V-DC, IP67.



Code

1E2908

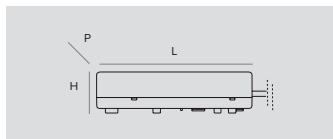
DALI dimmable electronic power supply 16W, LxHxP=110x22x52mm, 220-240Vac, 24Vdc, IP20.



Code

1E0993

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.

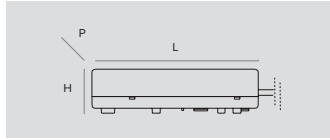


Code

1T3726

Electronic power supply 50W, LxHxP=185x22x63.5mm, 220-240V, 24V-DC, IP20.

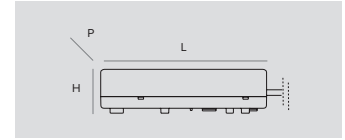
JUPITER



Code

1T3586

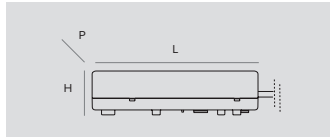
Electronic power supply 75W, LxHxP=130x32x80mm, 220-240V, 24V-DC, IP67.



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.

Accessories

Installation sleeve



Ø	H	Code
40	60	1E3176

Installation sleeve.



Ø	H	Code
44	60	1E3470

Installation sleeve.
For the walk-over version.

Connector



Code

1E2493

Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

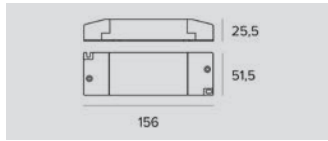


Code

1E3400

Connection kit for looping between fixtures.
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 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.

SATURN

GENERAL INFO

Miniaturised recessed fixture.
Ø35mm – Ø60mm

LED

Emitter
From 353lm to 682lm
3000K – 4000K
Ra84

PRODUCT EFFICACY

Up to 10lm/W

OPTICS

WFL

POWER SUPPLY

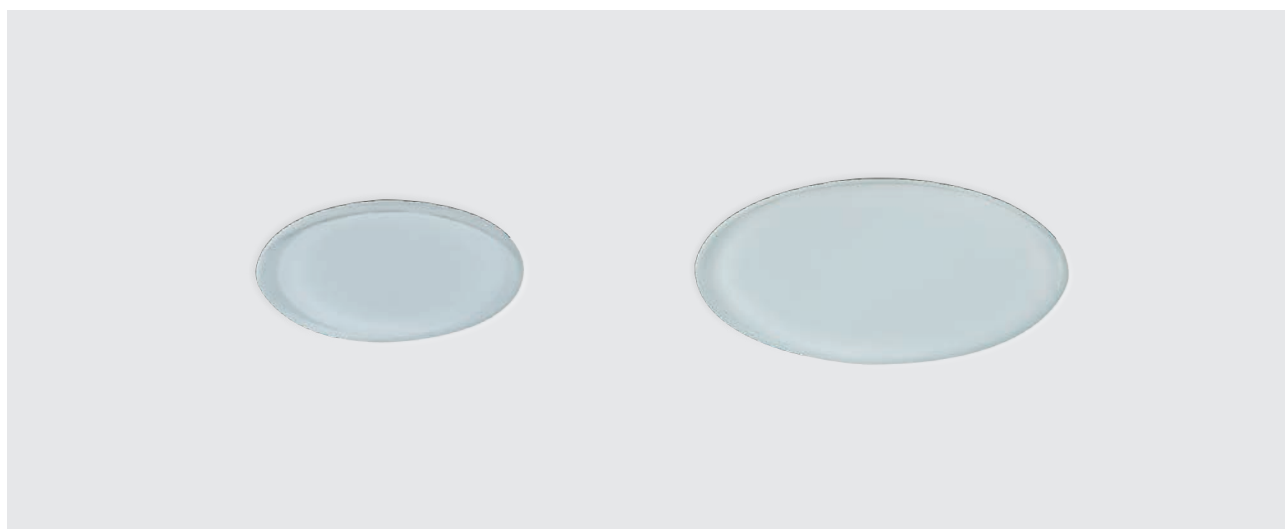
Electronic – DALI – 1-10V
Casambi control: the DALI version is fitted
with special accessories.

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.



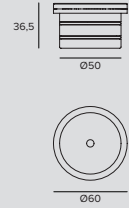
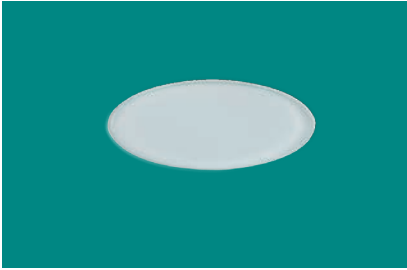


PARK HYATT
2017

PHOTOGRAPHER
Gregor Titze

COUNTRY
Wien - Austria

SATURN



LED / 4W / WFL

	3000K	H(m)	D(m)	Emax(lx)
Ra84			115°	
Fixture Power	5W	1	3.13	16
Source Flux	638lm	2	6.27	4
Fixture Flux	48lm	3	9.40	2
Efficacy	10lm/W	4	12.53	1
TS1051	Imax=26cd/klm	Imax	16cd	5
			15.67	1

Power supply	3000K	4000K
24Vdc	1E3144	1E3145



Mini



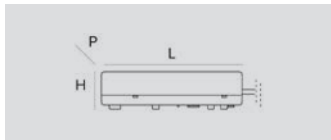
LED / 2,6W / WFL

	3000K	H(m)	D(m)	Emax(lx)
Ra84			122°	
Fixture Power	3W	1	3.59	4
Source Flux	353lm	2	7.18	1
Fixture Flux	11lm	3	10.77	0
Efficacy	4lm/W	4	14.36	0
TS1052	Imax=10cd/klm	Imax	4cd	5
			17.95	0

Power supply	3000K	4000K
24Vdc	1E3146	1E3147

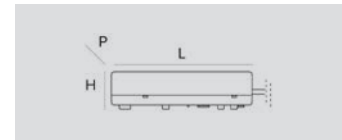
Related codes

Power Supply



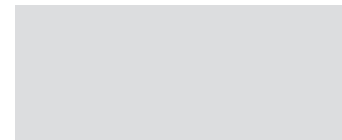
	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	1E3179
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	1T3726
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	1T3586
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	1T3587
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	1T3588

Electronic power supply
LxHxP



	Code
16W - 220-240Vac, 24Vdc - 110x22x52mm - IP20	1E2908

DALI electronic power supply
LxHxP

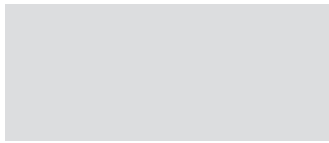
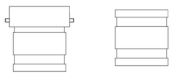


	Code
	1E0993

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

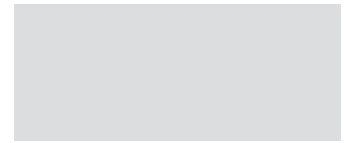
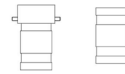
Installation sleeve



Code

1E3177

Installation sleeve.
Flush installation h 70, Ø 65mm.
Straight installation h 60, Ø 57mm.

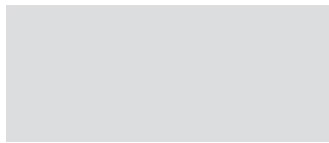


Code

1E3178

Installation sleeve. For the MINI version.
Flush installation h 70, Ø 40mm.
Straight installation h 60, Ø 34mm.

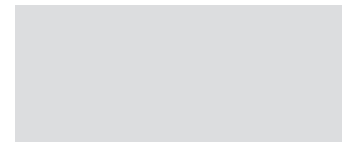
Connector



Code

1E2493

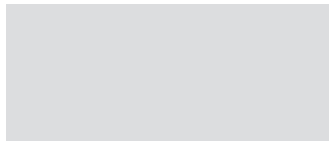
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

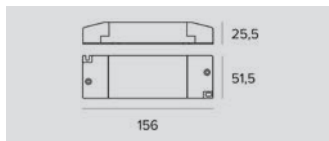
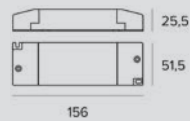


Code

1E3400

Connection kit for looping between fixtures.
IP68

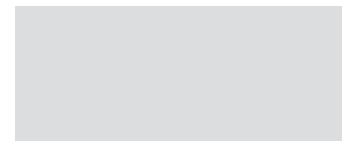
Control systems



Code

1T6581

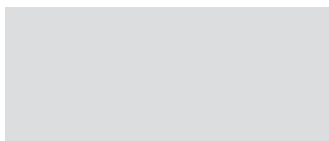
DALI/1-10V dimmer 12/24V.



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 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.

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.

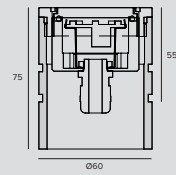
A series of miniature LED fixtures available in recessed or projector versions with monochromatic LED and RGB technology. The monochromatic versions are both mono and multi-LED.

The recessed version has a flat, flared edge and domed glass for a choreographic effect.

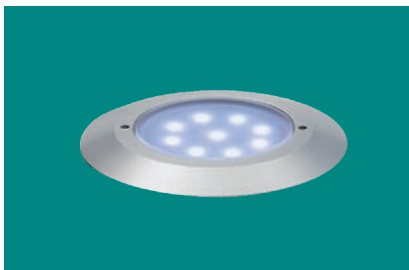




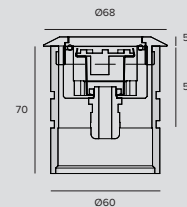
Multitiled flush ring flat screen



LED / 1W / VWFL									
	6000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	6000K	AMBER	BLUE
	-	-	102*	-	24Vdc	●	1E1022	1E1021	1E1028
	Fixture Power	2W	1	2.47	2				
	Source Flux	5lm	2	4.94	0				
	Fixture Flux	5lm	3	7.41	0				
EV070	Imax=395cd/klm	Imax	2cd	5	12.34	0			



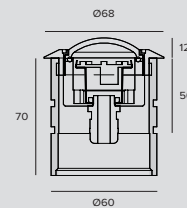
Multitiled raised ring flat screen



LED / 1W / VWFL									
	6000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	6000K	AMBER	BLUE
	Ra80	-	102*	-	24Vdc	●	1E1012	1E1011	1E1018
	Fixture Power	2W	1	2.47	2				
	Source Flux	5lm	2	4.94	0				
	Fixture Flux	5lm	3	7.41	0				
EV070	Imax=395cd/klm	Imax	2cd	5	12.34	0			



Multitiled raised ring curved screen



LED / 1W / VWFL									
	6000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	6000K	AMBER	BLUE
	Ra80	-	102*	-	24Vdc	●	1E1002	1E1001	1E1008
	Fixture Power	2W	1	2.47	2				
	Source Flux	5lm	2	4.94	0				
	Fixture Flux	5lm	3	7.41	0				
EV070	Imax=395cd/klm	Imax	2cd	5	12.34	0			

All LED.Y fixtures meet all the requirements of standard EN 60598-2-13 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



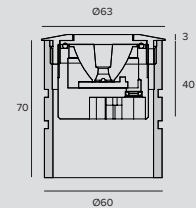
Code

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.



Monoled



LED / 2W / SP



	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	3W	1	0.16	2012
Source Flux	117lm	2	0.32	503
Fixture Flux	116lm	3	0.48	224
Efficacy	39lm/W	4	0.64	126
TS670	Imax=17195cd/klm	Imax	2012cd	80

Power supply

700mA



Colour

3000K

1E2367

6000K

1E2368

LED / 2W / FL



	3000K	H(m)	D(m)	Emax(lx)
Ra80			34°	
Fixture Power	3W	1	0.60	223
Source Flux	99lm	2	1.21	56
Fixture Flux	99lm	3	1.81	25
Efficacy	33lm/W	4	2.42	14
TS671	Imax=2253cd/klm	Imax	223cd	9

Power supply

700mA



Colour

3000K

1E2369

6000K

1E2370

Related codes

Power Supply



Code

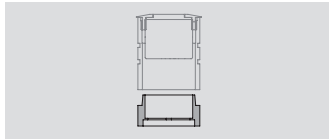
1E1385

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.

All LED.Y fixtures meet all the requirements of standard EN 60598-2-13 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.

Accessories

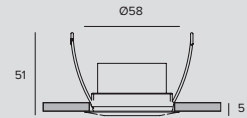
Mounting System



Code

1E0994

Installation kit.
Extension for the PVC casing.
A wider space facilitates electrical connections.
Water tight electrical connection system is not included.

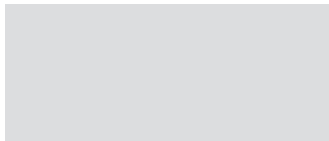


Code

1E0996

Steel spring. For ceiling and wall installation.

Tool

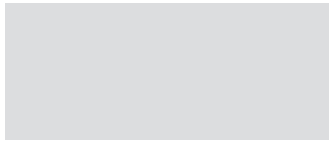


Code

1E0990

Mounting key.

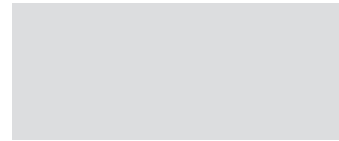
Connector



Code

1E2493

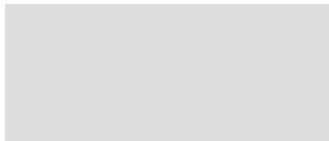
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

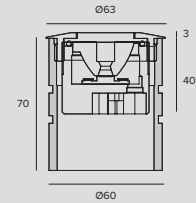
1E3400

Connection kit for looping between fixtures.
IP68

LED.Y



Monoled RGB



LED RGB / 3,5W / SP

Power supply	Colour	RGB
3x350mA		1E1854

Fixture Power	5W
Source Flux	48lm
Fixture Flux	37lm
Efficacy	7lm/W
EV293	Imax=8417cd/klm
Imax	404cd

LED RGB / 3,5W / FL

Power supply	Colour	RGB
3x350mA		1E1409

Fixture Power	5W
Source Flux	40lm
Fixture Flux	39lm
Efficacy	8lm/W
EV149	Imax=3375cd/klm
Imax	135cd

Photometric show the maximum emission values of fixtures.

All LED.Y fixtures meet all the requirements of standard EN 60598-2-13 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

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

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.

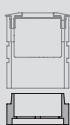
The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.

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.

Accessories

Mounting System



Code

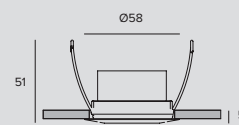
1E0994

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.

PROJECTORS

LINEAR PROJECTORS



546 JEDI



558 JEDI
COMPACT

PROJECTORS



572 DART



588 PYROS



606 JUPITER



610 LED.Y

outdoor

PROJECTORS

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.

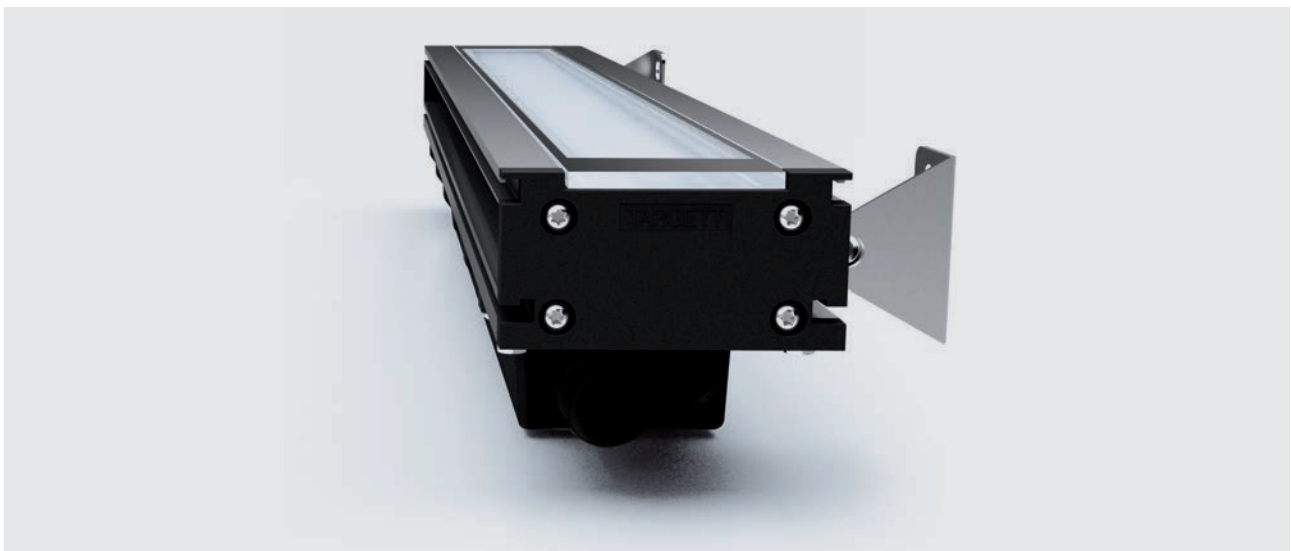
A coordinated range of linear projectors for lighting large surfaces.

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.

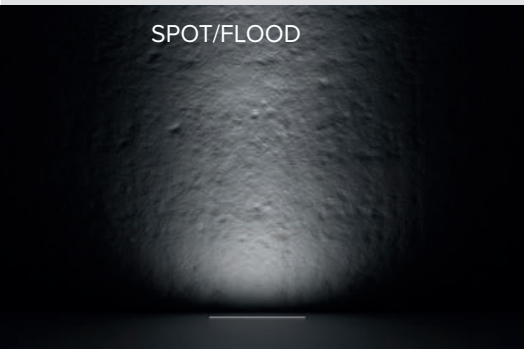


JEDI plus

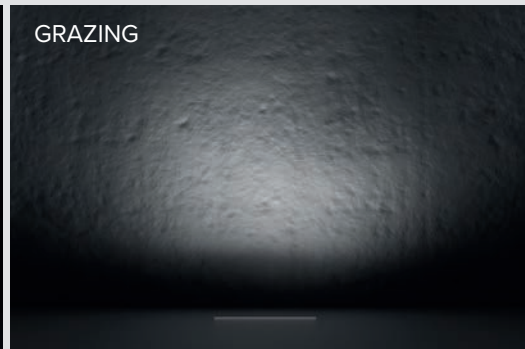
01



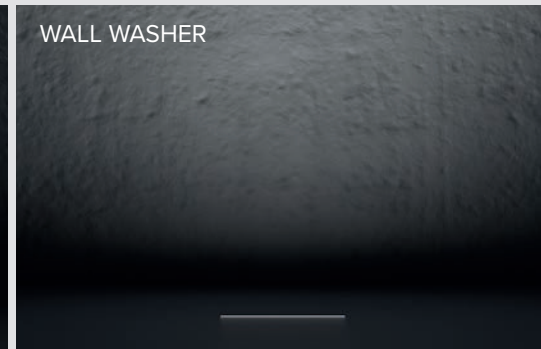
SPOT/FLOOD



GRAZING



WALL WASHER

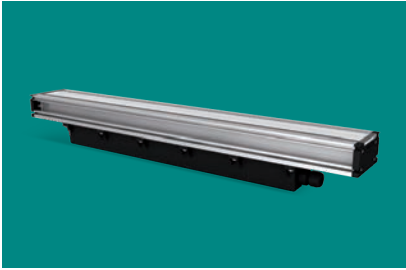


Four different effects

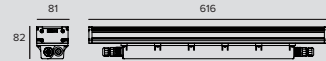
Spot and Flood optics to obtain more concentrated, precise lighting.
Grazing Optic for a grazing, uniform light effect for installation near to the wall to be illuminated. Wall Washer Optic for a completely homogeneous effect on the wall, thus avoiding any bright stripes or separate beams that are typical 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



	3000K	H(m)	D(m)	Emax(lx)
Ra80			10°	
Fixture Power	28W	1	0.18	32201
Source Flux	1947lm	2	0.37	8050
Fixture Flux	1591lm	3	0.55	3578
Efficacy	57lm/W	4	0.73	2013
TS889	Imax=16539cd/klm	Imax	32201cd	1288

Driver	Colour	3000K	4000K
EL.	●	1E2653	1E2654
DALI	●	1E2655	1E2656

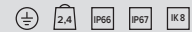
LED / 12W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			85°	32°			
Fixture Power	15W	1	1.84	0.57	1203		
Source Flux	1720lm	2	3.68	1.14	301		
Fixture Flux	1285lm	3	5.53	1.70	134		
Efficacy	86lm/W	4	7.37	2.27	75		
TS886	Imax=699cd/klm	Imax	1203cd	5	9.21	2.84	48

Driver	Colour	3000K	4000K
EL.	●	1E2605	1E2606
DALI	●	1E2607	1E2608

LED / 24W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			85°	32°			
Fixture Power	28W	1	1.84	0.57	2392		
Source Flux	3420lm	2	3.68	1.14	598		
Fixture Flux	2555lm	3	5.53	1.70	266		
Efficacy	91lm/W	4	7.37	2.27	149		
TS885	Imax=699cd/klm	Imax	2392cd	5	9.21	2.84	96

Driver	Colour	3000K	4000K
EL.	●	1E2609	1E2610
DALI	●	1E2611	1E2612

LED / 12W / WALL WASHER



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			115°	59°			
Fixture Power	15W	1	3.12	1.34	1156		
Source Flux	1720lm	2	6.23	2.67	289		
Fixture Flux	1293lm	3	9.35	4.01	128		
Efficacy	86lm/W	4	12.47	5.35	72		
TS884	Imax=774cd/klm	Imax	1331cd	5	15.58	6.69	46

Driver	Colour	3000K	4000K
EL.	●	1E2629	1E2630
DALI	●	1E2631	1E2632

LED / 24W / WALL WASHER



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			115°	59°			
Fixture Power	28W	1	3.12	1.34	2299		
Source Flux	3420lm	2	6.23	2.67	575		
Fixture Flux	2572lm	3	9.35	4.01	255		
Efficacy	92lm/W	4	12.47	5.35	144		
TS883	Imax=774cd/klm	Imax	2646cd	5	15.59	6.69	92

Driver	Colour	3000K	4000K
EL.	●	1E2633	1E2634
DALI	●	1E2635	1E2636

LED / 12W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra80				76°	15°		
Fixture Power	15W	1	1.55	0.26	2753		
Source Flux	1720lm	2	3.10	0.51	688		
Fixture Flux	1429lm	3	4.65	0.77	306		
Efficacy	95lm/W	4	6.20	1.02	172		
TS888	I _{max} =1601cd/klm	I _{max}	2753cd	5	7.76	1.28	110

Driver	Colour	3000K	4000K
EL.	●	1E2581	1E2582
DALI	●	1E2583	1E2584

LED / 24W / GRAZING

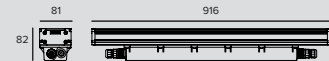


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra80				76°	15°		
Fixture Power	28W	1	1.55	0.26	5474		
Source Flux	3420lm	2	3.10	0.51	1368		
Fixture Flux	2842lm	3	4.65	0.77	608		
Efficacy	101lm/W	4	6.21	1.02	342		
TS887	I _{max} =1601cd/klm	I _{max}	5474cd	5	7.76	1.28	219

Driver	Colour	3000K	4000K
EL.	●	1E2585	1E2586
DALI	●	1E2587	1E2588



Projector L. 916mm



LED / 34W / SPOT



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra80				10°		
Fixture Power	40W	1	0.18	48326		
Source Flux	2922lm	2	0.37	12081		
Fixture Flux	2387lm	3	0.55	5370		
Efficacy	60lm/W	4	0.73	3020		
TS889	I _{max} =16539cd/klm	I _{max}	48326cd	5	0.92	1933

Driver	Colour	3000K	4000K
EL.	●	1E2657	1E2658
DALI	●	1E2659	1E2660

LED / 18W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra80				85°	32°		
Fixture Power	22W	1	1.84	0.57	1804		
Source Flux	2580lm	2	3.68	1.14	451		
Fixture Flux	1927lm	3	5.53	1.70	200		
Efficacy	88lm/W	4	7.37	2.27	113		
TS886	I _{max} =699cd/klm	I _{max}	1804cd	5	9.21	2.84	72

Driver	Colour	3000K	4000K
EL.	●	1E2613	1E2614
DALI	●	1E2615	1E2616

LED / 36W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra80				85°	32°		
Fixture Power	40W	1	1.84	0.57	3588		
Source Flux	5130lm	2	3.68	1.14	897		
Fixture Flux	3833lm	3	5.53	1.70	399		
Efficacy	96lm/W	4	7.37	2.27	224		
TS885	I _{max} =699cd/klm	I _{max}	3588cd	5	9.21	2.84	144

Driver	Colour	3000K	4000K
EL.	●	1E2617	1E2618
DALI	●	1E2619	1E2620

JEDI

LED / 18W / WALL WASHER



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			115°	59°			
Fixture Power	22W	1	3.12	1.34	1735		
Source Flux	2580lm	2	6.23	2.67	434		
Fixture Flux	1940lm	3	9.35	4.01	193		
Efficacy	88lm/W	4	12.47	5.35	108		
TS884	I _{max} =774cd/klm	I _{max}	1996cd	5	15.58	6.69	69

Driver	Colour	3000K	4000K
EL.	●	1E2637	1E2638
DALI	●	1E2639	1E2640

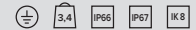
LED / 36W / WALL WASHER



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			115°	59°			
Fixture Power	40W	1	3.12	1.34	3449		
Source Flux	5130lm	2	6.23	2.67	862		
Fixture Flux	3858lm	3	9.35	4.01	383		
Efficacy	96lm/W	4	12.47	5.35	216		
TS883	I _{max} =774cd/klm	I _{max}	3969cd	5	15.59	6.69	138

Driver	Colour	3000K	4000K
EL.	●	1E2641	1E2642
DALI	●	1E2643	1E2644

LED / 18W / GRAZING



3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			76°	15°			
Fixture Power	22W	1	1.55	0.26	4130		
Source Flux	2580lm	2	3.10	0.51	1032		
Fixture Flux	2144lm	3	4.65	0.77	459		
Efficacy	97lm/W	4	6.20	1.02	258		
TS888	I _{max} =1601cd/klm	I _{max}	4130cd	5	7.76	1.28	165

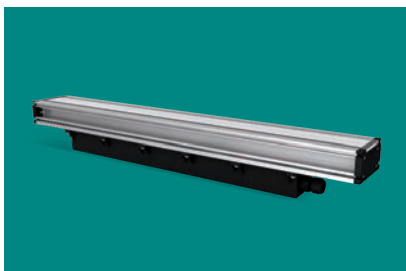
Driver	Colour	3000K	4000K
EL.	●	1E2589	1E2590
DALI	●	1E2591	1E2592

LED / 36W / GRAZING

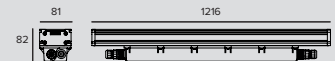


3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra80			76°	15°			
Fixture Power	40W	1	1.55	0.26	8211		
Source Flux	5130lm	2	3.10	0.51	2053		
Fixture Flux	4263lm	3	4.65	0.77	912		
Efficacy	107lm/W	4	6.21	1.02	513		
TS887	I _{max} =1601cd/klm	I _{max}	8211cd	5	7.76	1.28	328

Driver	Colour	3000K	4000K
EL.	●	1E2593	1E2594
DALI	●	1E2595	1E2596



Projector L. 1216mm



LED / 46W / SPOT



3000K		H(m)	D(m)	E _{max} (lx)		
Ra80			10°			
Fixture Power	51W	1	0.18	64401		
Source Flux	3894lm	2	0.37	16100		
Fixture Flux	3181lm	3	0.55	7156		
Efficacy	62lm/W	4	0.73	4025		
TS889	I _{max} =16539cd/klm	I _{max}	64401cd	5	0.92	2576

Driver	Colour	3000K	4000K
EL.	●	1E2661	1E2662
DALI	●	1E2663	1E2664

LED / 24W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra80			85°	32°			
Fixture Power	28W	1	1.84	0.57	2405		
Source Flux	3440lm	2	3.68	1.14	601		
Fixture Flux	2570lm	3	5.53	1.70	267		
Efficacy	92lm/W	4	7.37	2.27	150		
TS886	Imax=699cd/klm	Imax	2405cd	5	9.21	2.84	96

Driver	Colour	3000K	4000K
EL.	●	1E2621	1E2622
DALI	●	1E2623	1E2624

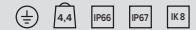
LED / 48W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra80			85°	32°			
Fixture Power	53W	1	1.84	0.57	4784		
Source Flux	6840lm	2	3.68	1.14	1196		
Fixture Flux	5111lm	3	5.53	1.70	532		
Efficacy	96lm/W	4	7.37	2.27	299		
TS885	Imax=699cd/klm	Imax	4784cd	5	9.21	2.84	191

Driver	Colour	3000K	4000K
EL.	●	1E2625	1E2626
DALI	●	1E2627	1E2628

LED / 24W / WALL WASHER



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra80			115°	59°			
Fixture Power	28W	1	3.12	1.34	2313		
Source Flux	3440lm	2	6.23	2.67	578		
Fixture Flux	2587lm	3	9.35	4.01	257		
Efficacy	92lm/W	4	12.47	5.35	145		
TS884	Imax=774cd/klm	Imax	2662cd	5	15.58	6.69	93

Driver	Colour	3000K	4000K
EL.	●	1E2645	1E2646
DALI	●	1E2647	1E2648

LED / 48W / WALL WASHER



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra80			115°	59°			
Fixture Power	53W	1	3.12	1.34	4599		
Source Flux	6840lm	2	6.23	2.67	1150		
Fixture Flux	5144lm	3	9.35	4.01	511		
Efficacy	97lm/W	4	12.47	5.35	287		
TS883	Imax=774cd/klm	Imax	5293cd	5	15.59	6.69	184

Driver	Colour	3000K	4000K
EL.	●	1E2649	1E2650
DALI	●	1E2651	1E2652

LED / 24W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra80			76°	15°			
Fixture Power	28W	1	1.55	0.26	5506		
Source Flux	3440lm	2	3.10	0.51	1377		
Fixture Flux	2859lm	3	4.65	0.77	612		
Efficacy	102lm/W	4	6.20	1.02	344		
TS888	Imax=1601cd/klm	Imax	5506cd	5	7.76	1.28	220

Driver	Colour	3000K	4000K
EL.	●	1E2597	1E2598
DALI	●	1E2599	1E2600

LED / 48W / GRAZING



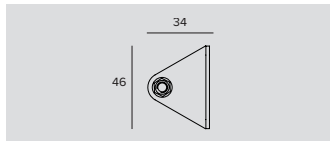
		3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
Ra80			76°	15°			
Fixture Power	53W	1	1.55	0.26	10948		
Source Flux	6840lm	2	3.10	0.51	2737		
Fixture Flux	5684lm	3	4.65	0.77	1216		
Efficacy	107lm/W	4	6.21	1.02	684		
TS887	Imax=1601cd/klm	Imax	10948cd	5	7.76	1.28	438

Driver	Colour	3000K	4000K
EL.	●	1E2601	1E2602
DALI	●	1E2603	1E2604

JEDI

Related codes

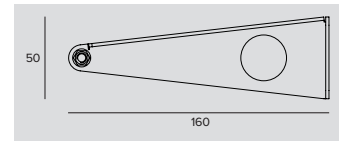
Mounting System



Code

1E2752

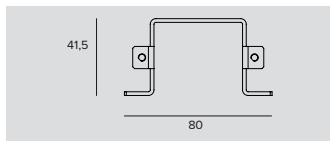
Short bracket for wall installation (2 pieces).



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

1E3400

Connection kit for looping between fixtures.
IP68

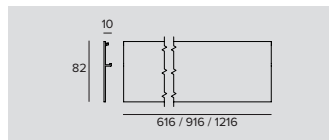


Code

1E2769

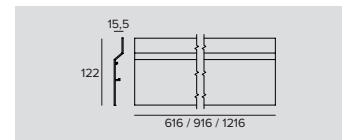
Connectors kit for 5 pole coaxial connections.

Cover Panel



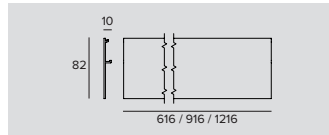
L	Code
616	1E2755
916	1E2756
1216	1E2757

Side cover for wall/cornice installation.



L	Code
616	1E2758
916	1E2759
1216	1E2760

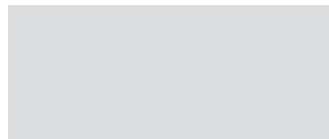
Anti-glare side cover.



L	Code
616	1E3045
916	1E3046
1216	1E3047

Side cover for ceiling installation.

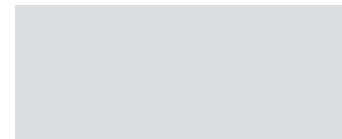
Control systems



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.



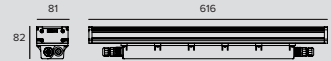
Code

1E3049

IP67 Extender for wireless control 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.



Projector RGBW L. 616mm



LED RGBW / 17W 4Ch / SPOT



		H(m)	D(m)	E _{max} (lx)
		-	11°	-
Fixture Power	20W	1	0.19	14937
Source Flux	860lm	2	0.38	3734
Fixture Flux	860lm	3	0.56	1660
Efficacy	43lm/W	4	0.75	934
TS1030	I _{max} =17366cd/klm	I _{max}	14937cd	597

Driver	Colour	Code
EL. DMX		1E3112

LED RGBW / 17W 4Ch / FLOOD



		H(m)	D1(m)	D2(m)	E _{max} (lx)
		-	85°	29°	-
Fixture Power	20W	1	1.82	0.52	656
Source Flux	632lm	2	3.65	1.04	164
Fixture Flux	632lm	3	5.47	1.56	73
Efficacy	32lm/W	4	7.29	2.08	41
TS1033	I _{max} =1038cd/klm	I _{max}	656cd	5 9.11	2.60 26

Driver	Colour	Code
EL. DMX		1E3113

LED RGBW / 17W 4Ch / WALL WASHER



		H(m)	D1(m)	D2(m)	E _{max} (lx)
		-	115°	55°	-
Fixture Power	20W	1	3.17	1.18	669
Source Flux	675lm	2	6.33	2.36	167
Fixture Flux	675lm	3	9.50	3.55	74
Efficacy	34lm/W	4	12.67	4.73	42
TS1036	I _{max} =1163cd/klm	I _{max}	786cd	5 15.83	5.91 27

Driver	Colour	Code
EL. DMX		1E3114

LED RGBW / 17W 4Ch / GRAZING



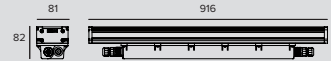
		H(m)	D1(m)	D2(m)	E _{max} (lx)
		-	73°	11°	-
Fixture Power	20W	1	1.48	0.19	1665
Source Flux	740lm	2	2.97	0.38	416
Fixture Flux	740lm	3	4.45	0.57	185
Efficacy	37lm/W	4	5.94	0.76	104
TS1029	I _{max} =2250cd/klm	I _{max}	1665cd	5 7.42	0.96 67

Driver	Colour	Code
EL. DMX		1E3111

Photometric show the maximum emission values of fixtures.



Projector RGBW L. 916mm



LED RGBW / 26W 4Ch / SPOT



		H(m)	D(m)	Emax(lx)
		-	11°	-
Fixture Power	31W	1	0.19	22404
Source Flux	1290lm	2	0.38	5601
Fixture Flux	1290lm	3	0.56	2489
Efficacy	42lm/W	4	0.75	1400
TS1031	Imax=17366cd/klm	Imax	22404cd	896

Driver	Colour	Code
EL. DMX	●	1E3116

LED RGBW / 26W 4Ch / FLOOD



		H(m)	D1(m)	D2(m)	Emax(lx)
		-	85°	29°	-
Fixture Power	31W	1	1.82	0.52	984
Source Flux	949lm	2	3.65	1.04	246
Fixture Flux	949lm	3	5.47	1.56	109
Efficacy	31lm/W	4	7.29	2.08	62
TS1034	Imax=1038cd/klm	Imax	984cd	5 9.11	2.60 39

Driver	Colour	Code
EL. DMX	●	1E3117

LED RGBW / 26W 4Ch / WALL WASHER



		H(m)	D1(m)	D2(m)	Emax(lx)
		-	115°	55°	-
Fixture Power	31W	1	3.17	1.18	1004
Source Flux	1013lm	2	6.33	2.36	251
Fixture Flux	1013lm	3	9.50	3.55	112
Efficacy	33lm/W	4	12.67	4.73	63
TS1037	Imax=1163cd/klm	Imax	1179cd	5 15.83	5.91 40

Driver	Colour	Code
EL. DMX	●	1E3118

LED RGBW / 26W 4Ch / GRAZING



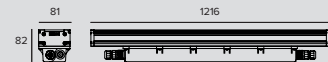
		H(m)	D1(m)	D2(m)	Emax(lx)
		-	73°	11°	-
Fixture Power	31W	1	1.48	0.19	2498
Source Flux	1110lm	2	2.97	0.38	624
Fixture Flux	1110lm	3	4.45	0.57	278
Efficacy	36lm/W	4	5.94	0.76	156
TS1028	Imax=2250cd/klm	Imax	2498cd	5 7.42	0.96 100

Driver	Colour	Code
EL. DMX	●	1E3115

Photometric show the maximum emission values of fixtures.



Projector RGBW L. 1216mm



LED RGBW / 34W 4Ch / SPOT					⊕	4.4	IP66	IP67	IK8	
					Driver	Colour	Code			
		H(m)	D(m)	Emax(lx)	EL. DMX	●	1E3120			
		-	-	11°						
	Fixture Power	41W	1	0.19						29872
	Source Flux	1720lm	2	0.38						7468
	Fixture Flux	1720lm	3	0.56						3319
	Efficacy	42lm/W	4	0.75						1867
TS1032	Imax=17366cd/klm	Imax	29872cd	5	0.94	1195				

LED RGBW / 34W 4Ch / FLOOD						⊕	4.4	IP66	IP67	IK8	
						Driver	Colour	Code			
		H(m)	D1(m)	D2(m)	Emax(lx)	EL. DMX	●	1E3121			
		-	-	85°	29°						
	Fixture Power	41W	1	1.82	0.52						1313
	Source Flux	1265lm	2	3.65	1.04						328
	Fixture Flux	1265lm	3	5.47	1.56						146
	Efficacy	31lm/W	4	7.29	2.08						82
TS1035	Imax=1038cd/klm	Imax	1313cd	5	9.11	2.60	53				

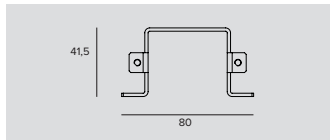
LED RGBW / 34W 4Ch / WALL WASHER						⊕	4.4	IP66	IP67	IK8	
						Driver	Colour	Code			
		H(m)	D1(m)	D2(m)	Emax(lx)	EL. DMX	●	1E3122			
		-	-	115°	55°						
	Fixture Power	41W	1	3.17	1.18						1338
	Source Flux	1351lm	2	6.33	2.36						335
	Fixture Flux	1351lm	3	9.50	3.55						149
	Efficacy	33lm/W	4	12.67	4.73						84
TS1038	Imax=1163cd/klm	Imax	1572cd	5	15.83	5.91	54				

LED RGBW / 34W 4Ch / GRAZING						⊕	4.4	IP66	IP67	IK8	
						Driver	Colour	Code			
		H(m)	D1(m)	D2(m)	Emax(lx)	EL. DMX	●	1E3119			
		-	-	73°	11°						
	Fixture Power	41W	1	1.48	0.19						3330
	Source Flux	1480lm	2	2.97	0.38						833
	Fixture Flux	1480lm	3	4.45	0.57						370
	Efficacy	36lm/W	4	5.94	0.76						208
TS1027	Imax=2250cd/klm	Imax	3330cd	5	7.42	0.96	133				

Photometric show the maximum emission values of fixtures.

Related codes

Mounting System	
Code 1E2752	Code 1E2753
Short bracket for wall installation (2 pieces).	Long bracket for wall installation (2 pieces).



Code

1E2754

Bracket for ceiling installation (2 pieces).

Accessories

End Caps



Code

1E2761

End cap.

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.

Connector



Code

1E2769

Connectors kit for 5 pole coaxial connections.

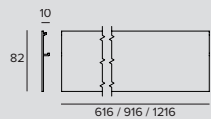


Code

1E3184

DMX connection.

Cover Panel



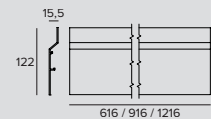
L Code

616 **1E2755**

916 **1E2756**

1216 **1E2757**

Side cover for wall/cornice installation.



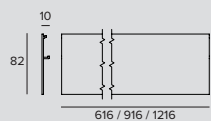
L Code

616 **1E2758**

916 **1E2759**

1216 **1E2760**

Anti-glare side cover.



L Code

616 **1E3045**

916 **1E3046**

1216 **1E3047**

Side cover for ceiling installation.

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

Unifit 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 +/-90°.

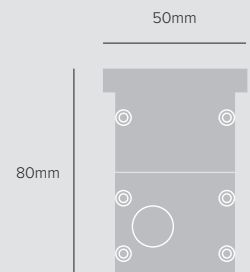
The L. 300mm version is only available with a remote driver.

Also available IP40 version for indoor lighting.

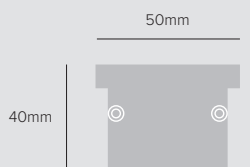


JEDI COMPACT plus

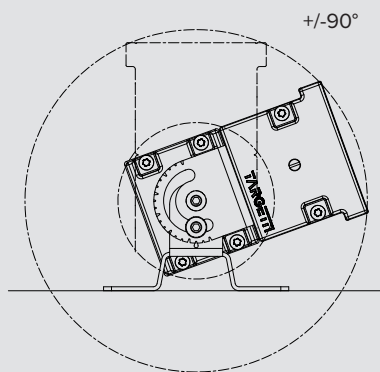
01



Driver on board



Remote driver



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° to $+90^{\circ}$ with aim locking using an Allen key for maximum reliability in the installation phase.

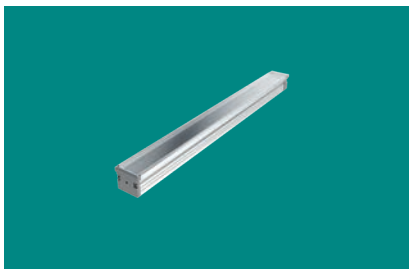
02



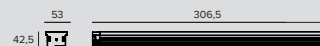
Anti-glare multiple effects

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.

JEDI COMPACT



IP67 Remote driver L. 306.5mm



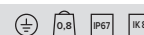
LED / 12W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			85°	32°			
Fixture Power	14W	1	1.84	0.57	1203		
Source Flux	1720lm	2	3.68	1.14	301		
Fixture Flux	1285lm	3	5.52	1.70	134		
Efficacy	92lm/W	4	7.36	2.27	75		
TS1084	I _{max} =699cd/klm	I _{max}	1203cd	5	9.20	2.84	48

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3220	1E3221	1E3222	1E3223

LED / 12W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			76°	15°			
Fixture Power	14W	1	1.55	0.26	2752		
Source Flux	1720lm	2	3.10	0.51	688		
Fixture Flux	1429lm	3	4.65	0.77	306		
Efficacy	102lm/W	4	6.21	1.02	172		
TS1088	I _{max} =1600cd/klm	I _{max}	2752cd	5	7.76	1.28	110

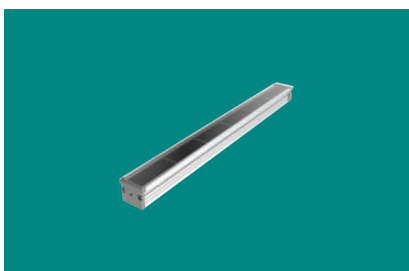
Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3224	1E3225	1E3226	1E3227

LED / 12W / WALL WASHER

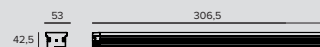


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			115°	59°			
Fixture Power	14W	1	3.12	1.34	1156		
Source Flux	1720lm	2	6.23	2.67	289		
Fixture Flux	1293lm	3	9.35	4.01	128		
Efficacy	92lm/W	4	12.47	5.35	72		
TS1092	I _{max} =774cd/klm	I _{max}	1331cd	5	15.59	6.69	46

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3228	1E3229	1E3230	1E3231



IP67 Louvre - Remote driver L. 306.5mm



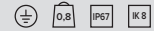
LED / 12W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			86°	29°			
Fixture Power	14W	1	1.86	0.52	873		
Source Flux	1720lm	2	3.71	1.05	218		
Fixture Flux	752lm	3	5.57	1.57	97		
Efficacy	54lm/W	4	7.42	2.09	55		
TS1086	I _{max} =508cd/klm	I _{max}	873cd	5	9.28	2.62	35

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3307	1E3308	1E3309	1E3310

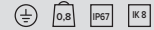
LED / 12W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			80°	13°			
Fixture Power	14W	1	1.68	0.23	1903		
Source Flux	1720lm	2	3.36	0.46	476		
Fixture Flux	912lm	3	5.04	0.68	211		
Efficacy	65lm/W	4	6.72	0.91	119		
TS1090	I _{max} =1106cd/klm	Imax	1903cd	5	8.40	1.14	76

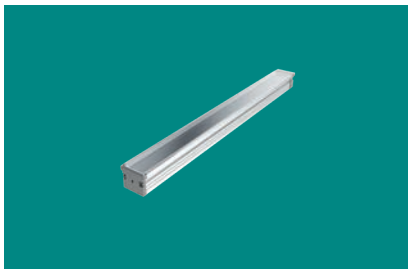
Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3311	1E3312	1E3313	1E3314

LED / 12W / WALL WASHER

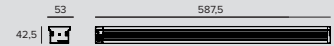


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			116°	62°			
Fixture Power	14W	1	3.17	1.49	960		
Source Flux	1720lm	2	6.35	2.97	240		
Fixture Flux	975lm	3	9.52	4.46	107		
Efficacy	70lm/W	4	12.70	5.95	60		
TS1094	I _{max} =671cd/klm	Imax	1153cd	5	15.87	7.43	38

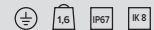
Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3315	1E3316	1E3317	1E3318



IP67
Remote driver L. 587.5mm



LED / 24W / FLOOD



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			85°	32°			
Fixture Power	28W	1	1.84	0.57	2406		
Source Flux	3440lm	2	3.68	1.14	601		
Fixture Flux	2570lm	3	5.52	1.70	267		
Efficacy	92lm/W	4	7.36	2.27	150		
TS1084	I _{max} =699cd/klm	Imax	2406cd	5	9.20	2.84	96

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3232	1E3233	1E3234	1E3235

LED / 24W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			76°	15°			
Fixture Power	28W	1	1.55	0.26	5505		
Source Flux	3440lm	2	3.10	0.51	1376		
Fixture Flux	2858lm	3	4.65	0.77	612		
Efficacy	102lm/W	4	6.21	1.02	344		
TS1088	I _{max} =1600cd/klm	Imax	5505cd	5	7.76	1.28	220

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3236	1E3237	1E3238	1E3239

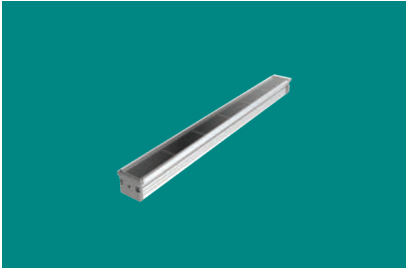
LED / 24W / WALL WASHER



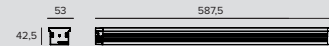
		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			115°	59°			
Fixture Power	28W	1	3.12	1.34	2312		
Source Flux	3440lm	2	6.23	2.67	578		
Fixture Flux	2586lm	3	9.35	4.01	257		
Efficacy	92lm/W	4	12.47	5.35	145		
TS1092	I _{max} =774cd/klm	Imax	2661cd	5	15.59	6.69	92

Power supply	Colour	2700K	3000K	3500K	4000K
500mA	●	1E3240	1E3241	1E3242	1E3243

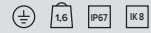
JEDI COMPACT



IP67 Louvre - Remote driver L. 587.5mm



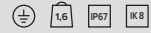
LED / 24W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		86°	29°				
Fixture Power	28W	1	1.86	0.52	1747		
Source Flux	3440lm	2	3.71	1.05	437		
Fixture Flux	1503lm	3	5.57	1.57	194		
Efficacy	54lm/W	4	7.42	2.09	109		
TS1086	I _{max} =508cd/klm	I _{max}	1747cd	5	9.28	2.62	70

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3319	1E3320	1E3321	1E3322

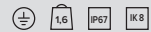
LED / 24W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		80°	13°				
Fixture Power	28W	1	1.68	0.23	3805		
Source Flux	3440lm	2	3.36	0.46	951		
Fixture Flux	1824lm	3	5.04	0.68	423		
Efficacy	65lm/W	4	6.72	0.91	238		
TS1090	I _{max} =1106cd/klm	I _{max}	3805cd	5	8.40	1.14	152

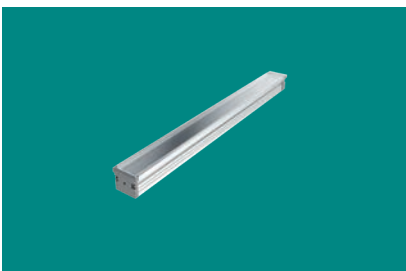
Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3323	1E3324	1E3325	1E3326

LED / 24W / WALL WASHER

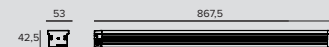


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		116°	62°				
Fixture Power	28W	1	3.17	1.49	1919		
Source Flux	3440lm	2	6.35	2.97	480		
Fixture Flux	1950lm	3	9.52	4.46	213		
Efficacy	70lm/W	4	12.70	5.95	120		
TS1094	I _{max} =671cd/klm	I _{max}	2307cd	5	15.87	7.43	77

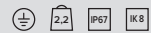
Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3327	1E3328	1E3329	1E3330



IP67 Remote driver L. 867.5mm



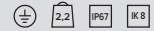
LED / 36W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		85°	32°				
Fixture Power	40W	1	1.84	0.57	3609		
Source Flux	5160lm	2	3.68	1.14	902		
Fixture Flux	3856lm	3	5.52	1.70	401		
Efficacy	96lm/W	4	7.36	2.27	226		
TS1085	I _{max} =699cd/klm	I _{max}	3609cd	5	9.20	2.84	144

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3244	1E3245	1E3246	1E3247

LED / 36W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		76°	15°			
	Fixture Power	40W	1	1.55	0.26	8259	
	Source Flux	5160lm	2	3.10	0.51	2065	
	Fixture Flux	4288lm	3	4.65	0.77	918	
	Efficacy	107lm/W	4	6.21	1.02	516	
TS1089	I _{max} =1601cd/klm	I _{max}	8259cd	5	7.76	1.28	330

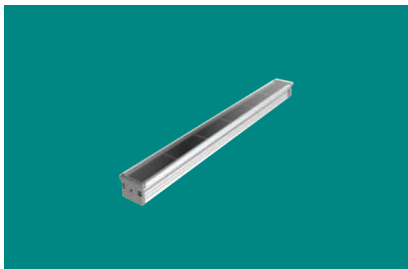
Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3248	1E3249	1E3250	1E3251

LED / 36W / WALL WASHER

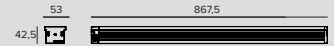


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		115°	59°			
	Fixture Power	40W	1	3.12	1.34	3469	
	Source Flux	5160lm	2	6.23	2.67	867	
	Fixture Flux	3880lm	3	9.35	4.01	385	
	Efficacy	97lm/W	4	12.47	5.35	217	
TS1093	I _{max} =774cd/klm	I _{max}	3992cd	5	15.59	6.69	139

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3252	1E3253	1E3254	1E3255



IP67
Louvre - Remote driver
L. 867.5mm



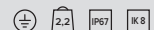
LED / 36W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		86°	29°			
	Fixture Power	40W	1	1.86	0.52	2620	
	Source Flux	5160lm	2	3.71	1.05	655	
	Fixture Flux	2255lm	3	5.57	1.57	291	
	Efficacy	56lm/W	4	7.42	2.09	164	
TS1087	I _{max} =508cd/klm	I _{max}	2620cd	5	9.28	2.62	105

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3331	1E3332	1E3333	1E3334

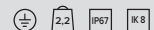
LED / 36W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		80°	13°			
	Fixture Power	40W	1	1.68	0.23	5707	
	Source Flux	5160lm	2	3.36	0.46	1427	
	Fixture Flux	2735lm	3	5.04	0.68	634	
	Efficacy	68lm/W	4	6.72	0.91	357	
TS1091	I _{max} =1106cd/klm	I _{max}	5707cd	5	8.40	1.14	228

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3335	1E3336	1E3337	1E3338

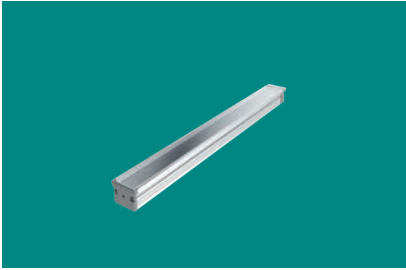
LED / 36W / WALL WASHER



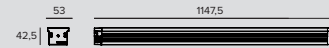
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		116°	62°			
	Fixture Power	40W	1	3.17	1.49	2879	
	Source Flux	5160lm	2	6.35	2.97	720	
	Fixture Flux	2926lm	3	9.52	4.46	320	
	Efficacy	73lm/W	4	12.70	5.95	180	
TS1095	I _{max} =671cd/klm	I _{max}	3460cd	5	15.87	7.43	115

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3339	1E3340	1E3341	1E3342

JEDI COMPACT



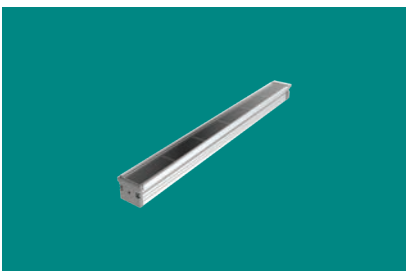
IP67 Remote driver L. 1147.5mm



LED / 48W / FLOOD						±	3.2	IP67	IK8								
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	3500K	4000K						
	Ra84		85°	32°								500mA	●	1E3256	1E3257	1E3258	1E3259
	Fixture Power	53W	1	1.84	0.57							4812					
	Source Flux	6880lm	2	3.68	1.14							1203					
	Fixture Flux	5141lm	3	5.52	1.70							535					
	Efficacy	97lm/W	4	7.36	2.27							301					
TS1085	I _{max} =699cd/klm	I _{max}	4812cd	5	9.20	2.84	192										

LED / 48W / GRAZING						±	3.2	IP67	IK8								
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	3500K	4000K						
	Ra84		76°	15°								500mA	●	1E3260	1E3261	1E3262	1E3263
	Fixture Power	53W	1	1.55	0.26							11012					
	Source Flux	6880lm	2	3.10	0.51							2753					
	Fixture Flux	5717lm	3	4.65	0.77							1224					
	Efficacy	108lm/W	4	6.21	1.02							688					
TS1089	I _{max} =1601cd/klm	I _{max}	11012cd	5	7.76	1.28	440										

LED / 48W / WALL WASHER						±	3.2	IP67	IK8								
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	3500K	4000K						
	Ra84		115°	59°								500mA	●	1E3264	1E3265	1E3266	1E3267
	Fixture Power	53W	1	3.12	1.34							4625					
	Source Flux	6880lm	2	6.23	2.67							1156					
	Fixture Flux	5173lm	3	9.35	4.01							514					
	Efficacy	98lm/W	4	12.47	5.35							289					
TS1093	I _{max} =774cd/klm	I _{max}	5323cd	5	15.59	6.69	185										



IP67 Louvre - Remote driver L. 1147.5mm



LED / 48W / FLOOD						±	3.2	IP67	IK8								
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	3500K	4000K						
	Ra84		86°	29°								500mA	●	1E3343	1E3344	1E3345	1E3346
	Fixture Power	53W	1	1.86	0.52							3494					
	Source Flux	6880lm	2	3.71	1.05							873					
	Fixture Flux	3007lm	3	5.57	1.57							388					
	Efficacy	57lm/W	4	7.42	2.09							218					
TS1087	I _{max} =508cd/klm	I _{max}	3494cd	5	9.28	2.62	140										

LED / 48W / GRAZING



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84				80°	13°		
Fixture Power	53W	1	1.68	0.23	7609		
Source Flux	6880lm	2	3.36	0.46	1902		
Fixture Flux	3646lm	3	5.04	0.68	845		
Efficacy	69lm/W	4	6.72	0.91	476		
TS1091	I _{max} =1106cd/klm	I _{max}	7609cd	5	8.40	1.14	304

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3347	1E3348	1E3349	1E3350

LED / 48W / WALL WASHER

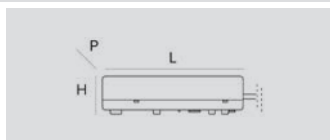


		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84				116°	62°		
Fixture Power	53W	1	3.17	1.49	3838		
Source Flux	6880lm	2	6.35	2.97	960		
Fixture Flux	3901lm	3	9.52	4.46	426		
Efficacy	74lm/W	4	12.70	5.95	240		
TS1095	I _{max} =671cd/klm	I _{max}	4613cd	5	15.87	7.43	154

Power supply	Colour	2700K	3000K	3500K	4000K
500mA		1E3351	1E3352	1E3353	1E3354

Related codes

Power Supply



Codice

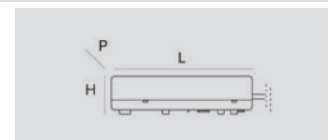
For the L 306.5mm version - 320x35x35mm

1E3403

For the L 587.5/867.5/1147.5mm versions - 475x35x35mm

1E3402

EL power supply version kit composed of a watertight box complete with power supply input cable (1 metre, type H07RN-F, 3G1mm²) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm²).



Codice

For the L 306.5mm version - 475x35x35mm

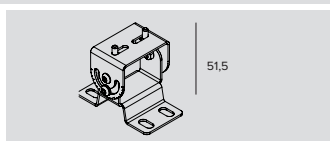
1E3409

For the L 587.5/867.5/1147.5mm versions - 475x35x35mm

1E3401

DALI power supply version kit composed of a watertight box complete with power supply input cable (1 metre, type H07RN-F, 5G1mm²) and an output cable to the fixture (1 metre, type H07RN-F, 3G1mm²).

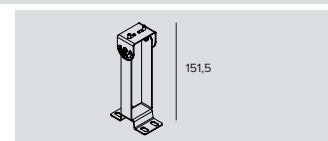
Bracket



Code

1E3304

Short bracket kit for surface installation (2 pieces).
Rotation +/-50°



Code

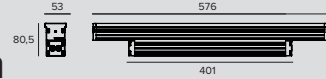
1E3306

Long bracket kit for surface installation (2 pieces).
Rotation +/-50°

JEDI COMPACT



IP67 Integrated driver L. 576mm



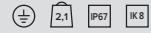
LED / 24W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			85°	32°			
Fixture Power	28W	1	1.84	0.57	2406		
Source Flux	3440lm	2	3.68	1.14	601		
Fixture Flux	2570lm	3	5.52	1.70	267		
Efficacy	92lm/W	4	7.36	2.27	150		
TS1084	Imax=699cd/klm	Imax	2406cd	5	9.20	2.84	96

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3268EL	1E3269EL	1E3270EL	1E3271EL
DALI	●	1E3268DA	1E3269DA	1E3270DA	1E3271DA

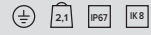
LED / 24W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			76°	15°			
Fixture Power	28W	1	1.55	0.26	5505		
Source Flux	3440lm	2	3.10	0.51	1376		
Fixture Flux	2858lm	3	4.65	0.77	612		
Efficacy	102lm/W	4	6.21	1.02	344		
TS1088	Imax=1600cd/klm	Imax	5505cd	5	7.76	1.28	220

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3272EL	1E3273EL	1E3274EL	1E3275EL
DALI	●	1E3272DA	1E3273DA	1E3274DA	1E3275DA

LED / 24W / WALL WASHER

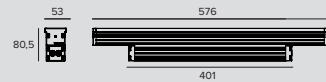


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			115°	59°			
Fixture Power	28W	1	3.12	1.34	2312		
Source Flux	3440lm	2	6.23	2.67	578		
Fixture Flux	2586lm	3	9.35	4.01	257		
Efficacy	92lm/W	4	12.47	5.35	145		
TS1092	Imax=774cd/klm	Imax	2661cd	5	15.59	6.69	92

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3276EL	1E3277EL	1E3278EL	1E3279EL
DALI	●	1E3276DA	1E3277DA	1E3278DA	1E3279DA



IP67 Louvre - Integrated driver L. 576mm



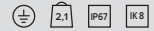
LED / 24W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			86°	29°			
Fixture Power	28W	1	1.86	0.52	1747		
Source Flux	3440lm	2	3.71	1.05	437		
Fixture Flux	1503lm	3	5.57	1.57	194		
Efficacy	54lm/W	4	7.42	2.09	109		
TS1086	Imax=508cd/klm	Imax	1747cd	5	9.28	2.62	70

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3355EL	1E3356EL	1E3357EL	1E3358EL
DALI	●	1E3355DA	1E3356DA	1E3357DA	1E3358DA

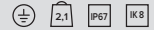
LED / 24W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		80°	13°			
	Fixture Power	28W	1	1.68	0.23	3805	
	Source Flux	3440lm	2	3.36	0.46	951	
	Fixture Flux	1824lm	3	5.04	0.68	423	
	Efficacy	65lm/W	4	6.72	0.91	238	
	TS1090	I _{max} =1106cd/klm	I _{max}	3805cd	5	8.40	1.14

Driver	Colour	2700K	3000K	3500K	4000K
EL.		1E3359EL	1E3360EL	1E3361EL	1E3362EL
DALI		1E3359DA	1E3360DA	1E3361DA	1E3362DA

LED / 24W / WALL WASHER

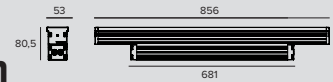


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		116°	62°			
	Fixture Power	28W	1	3.17	1.49	1919	
	Source Flux	3440lm	2	6.35	2.97	480	
	Fixture Flux	1950lm	3	9.52	4.46	213	
	Efficacy	70lm/W	4	12.70	5.95	120	
	TS1094	I _{max} =671cd/klm	I _{max}	2307cd	5	15.87	7.43

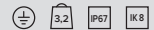
Driver	Colour	2700K	3000K	3500K	4000K
EL.		1E3363EL	1E3364EL	1E3365EL	1E3366EL
DALI		1E3363DA	1E3364DA	1E3365DA	1E3366DA



IP67
Integrated driver L. 856mm



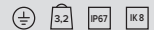
LED / 36W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		85°	32°			
	Fixture Power	40W	1	1.84	0.57	3609	
	Source Flux	5160lm	2	3.68	1.14	902	
	Fixture Flux	3856lm	3	5.52	1.70	401	
	Efficacy	96lm/W	4	7.36	2.27	226	
	TS1085	I _{max} =699cd/klm	I _{max}	3609cd	5	9.20	2.84

Driver	Colour	2700K	3000K	3500K	4000K
EL.		1E3280EL	1E3281EL	1E3282EL	1E3283EL
DALI		1E3280DA	1E3281DA	1E3282DA	1E3283DA

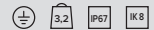
LED / 36W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		76°	15°			
	Fixture Power	40W	1	1.55	0.26	8259	
	Source Flux	5160lm	2	3.10	0.51	2065	
	Fixture Flux	4288lm	3	4.65	0.77	918	
	Efficacy	107lm/W	4	6.21	1.02	516	
	TS1089	I _{max} =1601cd/klm	I _{max}	8259cd	5	7.76	1.28

Driver	Colour	2700K	3000K	3500K	4000K
EL.		1E3284EL	1E3285EL	1E3286EL	1E3287EL
DALI		1E3284DA	1E3285DA	1E3286DA	1E3287DA

LED / 36W / WALL WASHER



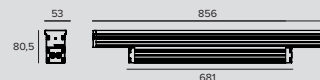
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		115°	59°			
	Fixture Power	40W	1	3.12	1.34	3469	
	Source Flux	5160lm	2	6.23	2.67	867	
	Fixture Flux	3880lm	3	9.35	4.01	385	
	Efficacy	97lm/W	4	12.47	5.35	217	
	TS1093	I _{max} =774cd/klm	I _{max}	3992cd	5	15.59	6.69

Driver	Colour	2700K	3000K	3500K	4000K
EL.		1E3288EL	1E3289EL	1E3290EL	1E3291EL
DALI		1E3288DA	1E3289DA	1E3290DA	1E3291DA

JEDI COMPACT



IP67 Louvre - Integrated driver L. 856mm



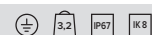
LED / 36W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			86°	29°			
Fixture Power	40W	1	1.86	0.52	2620		
Source Flux	5160lm	2	3.71	1.05	655		
Fixture Flux	2255lm	3	5.57	1.57	291		
Efficacy	56lm/W	4	7.42	2.09	164		
TS1087	Imax=508cd/klm	Imax	2620cd	5	9.28	2.62	105

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3367EL	1E3368EL	1E3369EL	1E3370EL
DALI	●	1E3367DA	1E3368DA	1E3369DA	1E3370DA

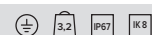
LED / 36W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			80°	13°			
Fixture Power	40W	1	1.68	0.23	5707		
Source Flux	5160lm	2	3.36	0.46	1427		
Fixture Flux	2735lm	3	5.04	0.68	634		
Efficacy	68lm/W	4	6.72	0.91	357		
TS1091	Imax=1106cd/klm	Imax	5707cd	5	8.40	1.14	228

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3371EL	1E3372EL	1E3373EL	1E3374EL
DALI	●	1E3371DA	1E3372DA	1E3373DA	1E3374DA

LED / 36W / WALL WASHER

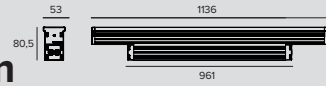


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84			116°	62°			
Fixture Power	40W	1	3.17	1.49	2879		
Source Flux	5160lm	2	6.35	2.97	720		
Fixture Flux	2926lm	3	9.52	4.46	320		
Efficacy	73lm/W	4	12.70	5.95	180		
TS1095	Imax=671cd/klm	Imax	3460cd	5	15.87	7.43	115

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3375EL	1E3376EL	1E3377EL	1E3378EL
DALI	●	1E3375DA	1E3376DA	1E3377DA	1E3378DA



IP67 Integrated driver L. 1136mm



LED / 48W / FLOOD



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		85°	32°				
Fixture Power	53W	1	1.84	0.57	4812		
Source Flux	6880lm	2	3.68	1.14	1203		
Fixture Flux	5141lm	3	5.52	1.70	535		
Efficacy	97lm/W	4	7.36	2.27	301		
TS1085	I _{max} =699cd/klm	I _{max}	4812cd	5	9.20	2.84	192

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3292EL	1E3293EL	1E3294EL	1E3295EL
DALI	●	1E3292DA	1E3293DA	1E3294DA	1E3295DA

LED / 48W / GRAZING



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		76°	15°				
Fixture Power	53W	1	1.55	0.26	11012		
Source Flux	6880lm	2	3.10	0.51	2753		
Fixture Flux	5717lm	3	4.65	0.77	1224		
Efficacy	108lm/W	4	6.21	1.02	688		
TS1089	I _{max} =1601cd/klm	I _{max}	11012cd	5	7.76	1.28	440

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3296EL	1E3297EL	1E3298EL	1E3299EL
DALI	●	1E3296DA	1E3297DA	1E3298DA	1E3299DA

LED / 48W / WALL WASHER



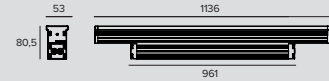
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
Ra84		115°	59°				
Fixture Power	53W	1	3.12	1.34	4625		
Source Flux	6880lm	2	6.23	2.67	1156		
Fixture Flux	5173lm	3	9.35	4.01	514		
Efficacy	98lm/W	4	12.47	5.35	289		
TS1093	I _{max} =774cd/klm	I _{max}	5323cd	5	15.59	6.69	185

Driver	Colour	2700K	3000K	3500K	4000K
EL.	●	1E3300EL	1E3301EL	1E3302EL	1E3303EL
DALI	●	1E3300DA	1E3301DA	1E3302DA	1E3303DA

JEDI COMPACT



IP67 Louvre - Integrated driver L. 1136mm



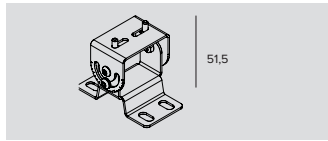
LED / 48W / FLOOD							
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		86°	29°			
	Fixture Power	53W	1	1.86	0.52	3494	
	Source Flux	6880lm	2	3.71	1.05	873	
	Fixture Flux	3007lm	3	5.57	1.57	388	
	Efficacy	57lm/W	4	7.42	2.09	218	
TS1087	I _{max} =508cd/klm	I _{max}	3494cd	5	9.28	2.62	140
Driver	Colour	2700K	3000K	3500K	4000K		
EL.		1E3379EL	1E3380EL	1E3381EL	1E3382EL		
DALI		1E3379DA	1E3380DA	1E3381DA	1E3382DA		

LED / 48W / GRAZING							
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		80°	13°			
	Fixture Power	53W	1	1.68	0.23	7609	
	Source Flux	6880lm	2	3.36	0.46	1902	
	Fixture Flux	3646lm	3	5.04	0.68	845	
	Efficacy	69lm/W	4	6.72	0.91	476	
TS1091	I _{max} =1106cd/klm	I _{max}	7609cd	5	8.40	1.14	304
Driver	Colour	2700K	3000K	3500K	4000K		
EL.		1E3383EL	1E3384EL	1E3385EL	1E3386EL		
DALI		1E3383DA	1E3384DA	1E3385DA	1E3386DA		

LED / 48W / WALL WASHER							
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		116°	62°			
	Fixture Power	53W	1	3.17	1.49	3838	
	Source Flux	6880lm	2	6.35	2.97	960	
	Fixture Flux	3901lm	3	9.52	4.46	426	
	Efficacy	74lm/W	4	12.70	5.95	240	
TS1095	I _{max} =671cd/klm	I _{max}	4613cd	5	15.87	7.43	154
Driver	Colour	2700K	3000K	3500K	4000K		
EL.		1E3387EL	1E3388EL	1E3389EL	1E3390EL		
DALI		1E3387DA	1E3388DA	1E3389DA	1E3390DA		

Related codes

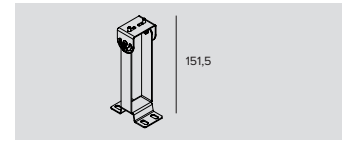
Bracket



Code

1E3304

Short bracket kit for surface installation (2 pieces).
Rotation +/-50°



Code

1E3306

Long bracket kit for surface installation (2 pieces).
Rotation +/-50°

Accessories

Tool



Code

1E3305

(Tightening) wrench for the connector kit.

Connector



Code

1E2769

Connectors kit for 5 pole coaxial connections.



Code

1E3400

Connection kit for looping between fixtures.
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 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.

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

Unital 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.

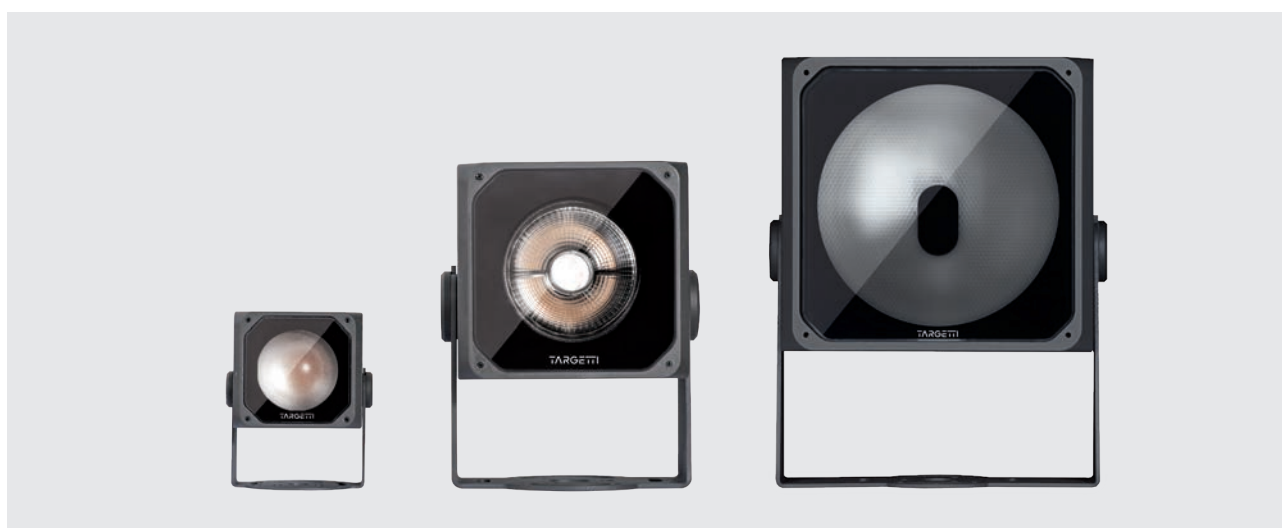
MATERIAL

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
		76x76mm	134x134mm	214x214mm
LED	Flux (lm)	200-1869	1332-4628	3273-8978
	Power	3W - 12W	16W - 34W	26W - 80W
OPTICS				
NSP	LENTICULAR	•	•	
NSP	INDIRECT			•
SP	LENTICULAR	•		
SP	HYBRID		•	•
FL	LENTICULAR	•		
FL	HYBRID		•	•
MWFL	REFLECTOR	•	•	•
WFL	REFLECTOR	•	•	•
WW	REFLECTOR		•	•
NWW	REFLECTOR		•	





**LA COMÉDIE DE
SAINT-ÉTIENNE**
2017

ARCHITECT
Studio Milou

LIGHTING DESIGN
Les Eclaireurs

PHOTOGRAPHER
Jerome Ricolleau

COUNTRY
Saint-Étienne, France

DART plus

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.

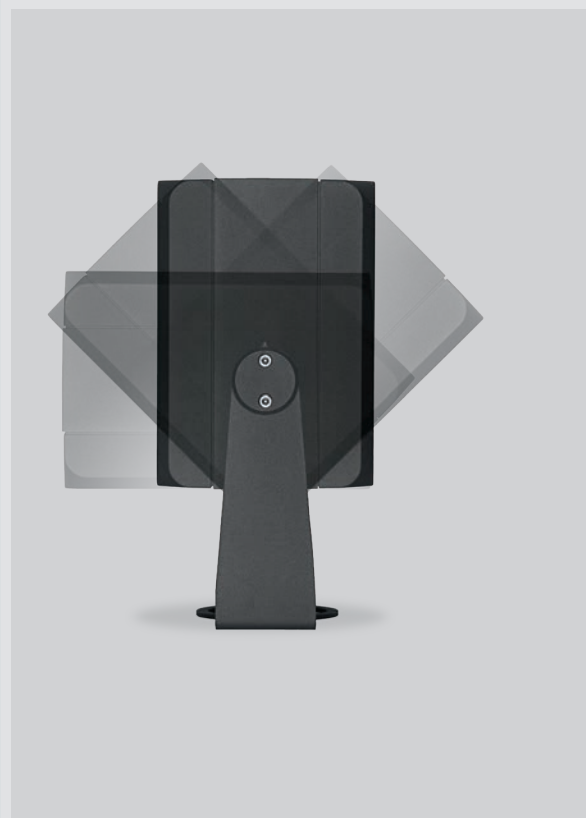
03



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.

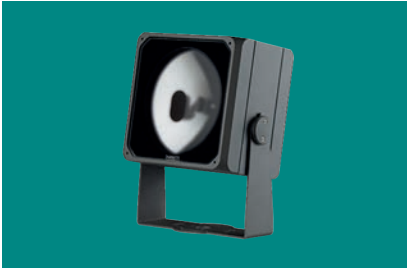
04



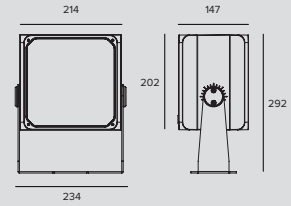
Off-centre rotation to zoom

the body of the fixture towards and away from the support surface. Fitted with a graduated scale for precise aiming.

DART



Maxi



LED / 26W / INDIRECT / NSP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		6°			
	Fixture Power	28W	1	0.11	152341	
	Source Flux	3273lm	2	0.22	38085	
	Fixture Flux	2170lm	3	0.33	16927	
	Efficacy	77lm/W	4	0.45	9521	
TS1008	I _{max} =46545cd/klm	I _{max}	152341cd	5	0.56	6094

Driver	Colour	3000K	4000K
EL.	●	1E3064EL	1E3070EL
1-10V	●	1E3064D	1E3070D
DALI	●	1E3064DA	1E3070DA

LED / 34W / INDIRECT / NSP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		6°			
	Fixture Power	37W	1	0.11	196977	
	Source Flux	4232lm	2	0.22	49244	
	Fixture Flux	2806lm	3	0.33	21886	
	Efficacy	75lm/W	4	0.45	12311	
TS1008	I _{max} =46545cd/klm	I _{max}	196977cd	5	0.56	7879

Driver	Colour	3000K	4000K
EL.	●	1E3076EL	1E3082EL
1-10V	●	1E3076D	1E3082D
DALI	●	1E3076DA	1E3082DA

LED / 51W / HYBRID / SP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		17°			
	Fixture Power	54W	1	0.30	34252	
	Source Flux	6780lm	2	0.60	8563	
	Fixture Flux	3634lm	3	0.89	3806	
	Efficacy	67lm/W	4	1.19	2141	
TS1009	I _{max} =5052cd/klm	I _{max}	34252cd	5	1.49	1370

Driver	Colour	3000K	4000K
EL.	●	1E3065EL	1E3071EL
1-10V	●	1E3065D	1E3071D
DALI	●	1E3065DA	1E3071DA

LED / 80W / HYBRID / SP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		17°			
	Fixture Power	88W	1	0.30	43451	
	Source Flux	8601lm	2	0.60	10863	
	Fixture Flux	4609lm	3	0.89	4828	
	Efficacy	52lm/W	4	1.19	2716	
TS1009	I _{max} =5052cd/klm	I _{max}	43451cd	5	1.49	1738

Driver	Colour	3000K	4000K
EL.	●	1E3077EL	1E3083EL
1-10V	●	1E3077D	1E3083D
DALI	●	1E3077DA	1E3083DA

LED / 51W / HYBRID / FL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		27°			
	Fixture Power	54W	1	0.47	19248	
	Source Flux	6780lm	2	0.94	4812	
	Fixture Flux	4081lm	3	1.42	2139	
	Efficacy	75lm/W	4	1.89	1203	
TS1010	I _{max} =2839cd/klm	I _{max}	19248cd	5	2.36	770

Driver	Colour	3000K	4000K
EL.	●	1E3066EL	1E3072EL
1-10V	●	1E3066D	1E3072D
DALI	●	1E3066DA	1E3072DA

LED / 80W / HYBRID / FL



	3000K	H(m)	D(m)	Emax(lx)		
	Ra84		27°			
	Fixture Power	88W	1	0.47	24418	
	Source Flux	8601lm	2	0.94	6104	
	Fixture Flux	5177lm	3	1.42	2713	
	Efficacy	59lm/W	4	1.89	1526	
TS1010	I _{max} =2839cd/klm	I _{max}	24418cd	5	2.36	977

Driver	Colour	3000K	4000K
EL.	●	1E3078EL	1E3084EL
1-10V	●	1E3078D	1E3084D
DALI	●	1E3078DA	1E3084DA

LED / 51W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		38°			
	Fixture Power	54W	1	0.69	8952	
	Source Flux	6780lm	2	1.38	2238	
	Fixture Flux	5227lm	3	2.07	995	
	Efficacy	96lm/W	4	2.76	560	
	TS1011	I _{max} =1333cd/klm	I _{max}	9035cd	5	3.44

Driver	Colour	3000K	4000K
EL.	●	1E3067EL	1E3073EL
1-10V	●	1E3067D	1E3073D
DALI	●	1E3067DA	1E3073DA

LED / 80W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		38°			
	Fixture Power	88W	1	0.69	11357	
	Source Flux	8601lm	2	1.38	2839	
	Fixture Flux	6631lm	3	2.07	1262	
	Efficacy	75lm/W	4	2.76	710	
	TS1011	I _{max} =1333cd/klm	I _{max}	11461cd	5	3.44

Driver	Colour	3000K	4000K
EL.	●	1E3079EL	1E3085EL
1-10V	●	1E3079D	1E3085D
DALI	●	1E3079DA	1E3085DA

LED / 51W / REFLECTOR / WFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		52°			
	Fixture Power	54W	1	0.97	6549	
	Source Flux	6780lm	2	1.94	1637	
	Fixture Flux	5213lm	3	2.91	728	
	Efficacy	96lm/W	4	3.88	409	
	TS1012	I _{max} =966cd/klm	I _{max}	6549cd	5	4.85

Driver	Colour	3000K	4000K
EL.	●	1E3068EL	1E3074EL
1-10V	●	1E3068D	1E3074D
DALI	●	1E3068DA	1E3074DA

LED / 80W / REFLECTOR / WFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		52°			
	Fixture Power	88W	1	0.97	8308	
	Source Flux	8601lm	2	1.94	2077	
	Fixture Flux	6614lm	3	2.91	923	
	Efficacy	75lm/W	4	3.88	519	
	TS1012	I _{max} =966cd/klm	I _{max}	8308cd	5	4.85

Driver	Colour	3000K	4000K
EL.	●	1E3080EL	1E3086EL
1-10V	●	1E3080D	1E3086D
DALI	●	1E3080DA	1E3086DA

LED / 51W / ASYM



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		89°	76°			
	Fixture Power	54W	1	1.96	3.41	2831	
	Source Flux	6780lm	2	3.93	6.83	708	
	Fixture Flux	5827lm	3	5.89	10.24	315	
	Efficacy	107lm/W	4	7.86	13.66	177	
	TS1013	I _{max} =895cd/klm	I _{max}	6070cd	5	9.82	17.07

Driver	Colour	3000K	4000K
EL.	●	1E3069EL	1E3075EL
1-10V	●	1E3069D	1E3075D
DALI	●	1E3069DA	1E3075DA

LED / 80W / ASYM



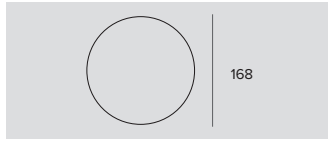
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		89°	76°			
	Fixture Power	88W	1	1.96	3.41	3591	
	Source Flux	8601lm	2	3.93	6.83	898	
	Fixture Flux	7391lm	3	5.89	10.24	399	
	Efficacy	84lm/W	4	7.86	13.66	224	
	TS1013	I _{max} =895cd/klm	I _{max}	7700cd	5	9.82	17.07

Driver	Colour	3000K	4000K
EL.	●	1E3081EL	1E3087EL
1-10V	●	1E3081D	1E3087D
DALI	●	1E3081DA	1E3087DA

DART

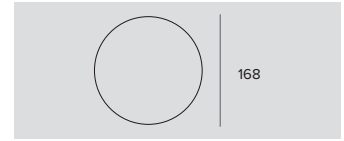
Accessories

Filter



Filter	Ø	Code
Red	168	1E3088
Green	168	1E3089
Blue	168	1E3090
Yellow	168	1E3091
Magenta	168	1E3092

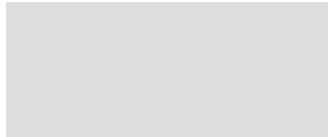
Chromatic filter.
Glass with dichroic treatment.
Non suitable for the asymmetric reflector nor for grazing lighting.
To be completed with a dedicated holder ring.



Code
1E3094

Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.
Diameter 168mm.

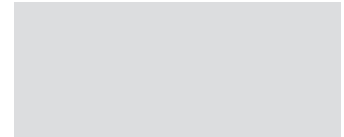
Grid



Code
1E3096

Anti-glare louver.
The central elements may be removed to obtain two different levels of glare control.
Powder coated stainless steel.

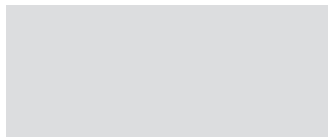
RAY Shade



Code
1E3095

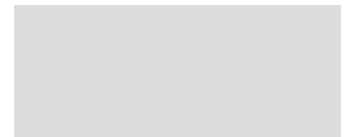
Asymmetric screen.
Powder coated stainless steel.

Mounting System



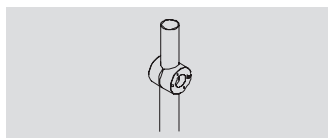
Code
1E3026

Plate for fixture rotation.
Powder coated stainless steel.



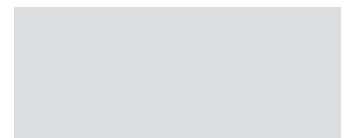
Ø	H	Code
96	182	1E3028
150	352	1E3188

Earthspike.
Powder coated stainless steel.



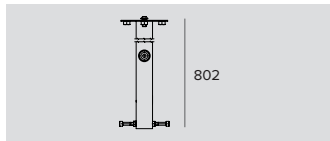
Code
1E2825

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.

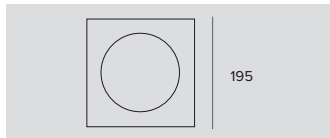


Code

1E3187

Pole with base.
Powder coated stainless steel.

Holder Ring

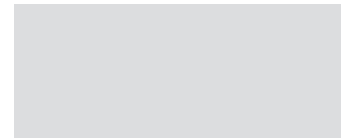


Code

1E3093

Holder ring.
Powder coated stainless steel.
AxB 195x195mm.

Tool

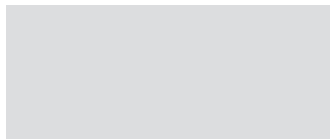


Code

1E3098

Laser pointing system.
Installed by friction on the projector's body.
Powder coated stainless steel.
Laser included.

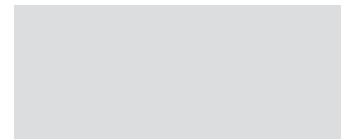
Connector



Code

1E2493

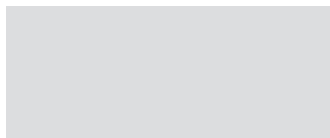
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

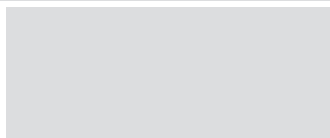


Code

1E3400

Connection kit for looping between fixtures.
IP68

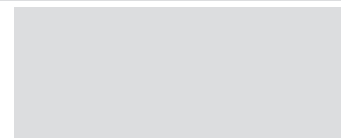
Control systems



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

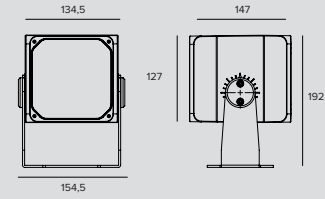
1E3049

IP67 Extender for wireless control 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.

DART



Medium



LED / 16W / LENSES / NSP



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra80		10°			
	Fixture Power	19W	1	0.17	24179	
	Source Flux	1332lm	2	0.34	6045	
	Fixture Flux	1008lm	3	0.51	2687	
	Efficacy	53lm/W	4	0.68	1511	
TS941	I _{max} =18153cd/klm	I _{max}	24179cd	5	0.86	967

Driver	Colour	3000K	4000K
EL.	●	1E2994EL	1E2995EL
1-10V	●	1E2994D	1E2995D
DALI	●	1E2994DA	1E2995DA

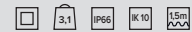
LED / 34W / HYBRID / SP



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		13°			
	Fixture Power	37W	1	0.23	38850	
	Source Flux	4428lm	2	0.46	9712	
	Fixture Flux	2738lm	3	0.69	4317	
	Efficacy	74lm/W	4	0.92	2428	
TS942	I _{max} =8774cd/klm	I _{max}	38850cd	5	1.14	1554

Driver	Colour	3000K	4000K
EL.	●	1E2996EL	1E2997EL
1-10V	●	1E2996D	1E2997D
DALI	●	1E2996DA	1E2997DA

LED / 34W / HYBRID / FL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		33°			
	Fixture Power	37W	1	0.58	9385	
	Source Flux	4428lm	2	1.17	2346	
	Fixture Flux	2570lm	3	1.75	1043	
	Efficacy	69lm/W	4	2.33	587	
TS943	I _{max} =2119cd/klm	I _{max}	9385cd	5	2.92	375

Driver	Colour	3000K	4000K
EL.	●	1E2998EL	1E2999EL
1-10V	●	1E2998D	1E2999D
DALI	●	1E2998DA	1E2999DA

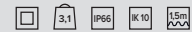
LED / 33W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		48°			
	Fixture Power	36W	1	0.89	5843	
	Source Flux	4434lm	2	1.78	1461	
	Fixture Flux	3703lm	3	2.68	649	
	Efficacy	104lm/W	4	3.57	365	
TS944	I _{max} =1366cd/klm	I _{max}	6055cd	5	4.46	234

Driver	Colour	3000K	4000K
EL.	●	1E3000EL	1E3001EL
1-10V	●	1E3000D	1E3001D
DALI	●	1E3000DA	1E3001DA

LED / 33W / REFLECTOR / WFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84		62°			
	Fixture Power	36W	1	1.20	4420	
	Source Flux	4434lm	2	2.40	1105	
	Fixture Flux	3725lm	3	3.60	491	
	Efficacy	104lm/W	4	4.80	276	
TS945	I _{max} =997cd/klm	I _{max}	4420cd	5	5.99	177

Driver	Colour	3000K	4000K
EL.	●	1E3002EL	1E3003EL
1-10V	●	1E3002D	1E3003D
DALI	●	1E3002DA	1E3003DA

LED / 33W / ASYM



	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84	113°	91°				
	Fixture Power	36W	1	3.02	4.08	1190	
	Source Flux	4434lm	2	6.04	8.15	298	
	Fixture Flux	3151lm	3	9.06	12.23	132	
	Efficacy	88lm/W	4	12.08	16.30	74	
TS946	I _{max} =504cd/klm	I _{max}	2236cd	5	15.10	20.38	48

Driver	Colour	3000K	4000K
EL.	●	1E3004EL	1E3005EL
1-10V	●	1E3004D	1E3005D
DALI	●	1E3004DA	1E3005DA

LED / 33W / NARROW ASYM

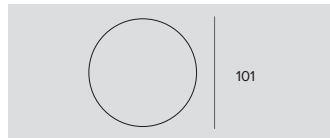


	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84	41°	52°				
	Fixture Power	36W	1	1.20	1.25	2760	
	Source Flux	4514lm	2	2.41	2.49	690	
	Fixture Flux	3497lm	3	3.61	3.74	307	
	Efficacy	98lm/W	4	4.81	4.99	172	
TS1054	I _{max} =1098cd/klm	I _{max}	4956cd	5	6.02	6.24	110

Driver	Colour	3000K	4000K
EL.	●	1E3126EL	1E3127EL
1-10V	●	1E3126D	1E3127D
DALI	●	1E3126DA	1E3127DA

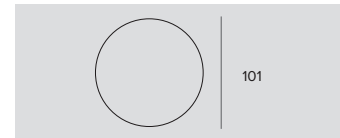
Accessories

Filter



Filter	Ø	Code
Red	101	1E3017
Green	101	1E3018
Blue	101	1E3019
Yellow	101	1E3020
Magenta	101	1E3021

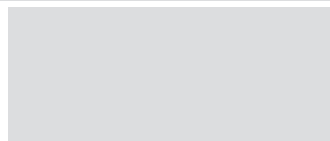
Chromatic filter.
Glass with dichroic treatment.
Non suitable for the asymmetric reflector nor for grazing lighting.
To be completed with a dedicated holder ring.



Code
1E3023

Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.
Diameter 101mm.

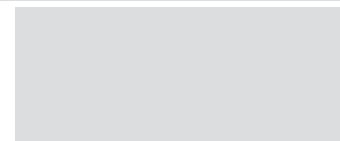
Grid



Code
1E3025

Anti-glare louver.
The central elements may be removed to obtain two different levels of glare control.
Powder coated stainless steel.

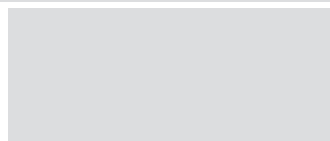
RAY Shade



Code
1E3024

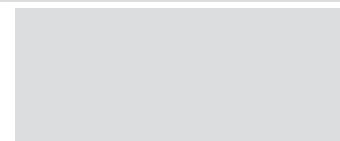
Asymmetric screen.
Powder coated stainless steel.

Mounting System



Code
1E3026

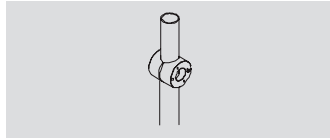
Plate for fixture rotation.
Powder coated stainless steel.



Ø	H	Code
96	182	1E3028

Earths spike.
Powder coated stainless steel.

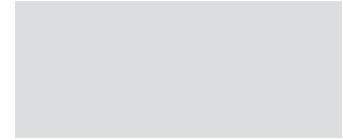
DART



Code

1E2825

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

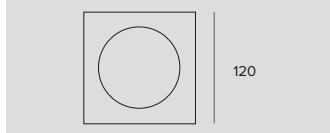


Code

1E3027

Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

Holder Ring

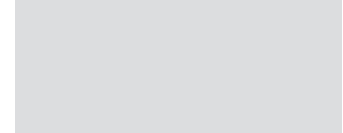


Code

1E3022

Holder ring.
Powder coated stainless steel.
Ax B 120x120mm.

Tool

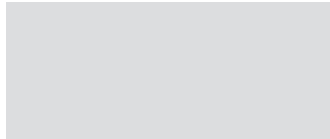


Code

1E3029

Laser pointing system.
Installed by friction on the projector's body.
Powder coated stainless steel.
Laser included.

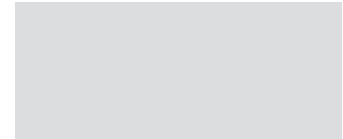
Connector



Code

1E2493

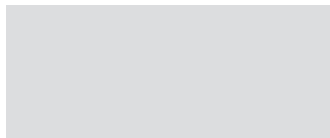
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

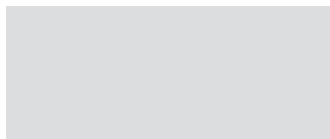


Code

1E3400

Connection kit for looping between fixtures.
IP68

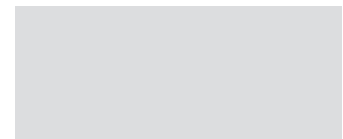
Control systems



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.



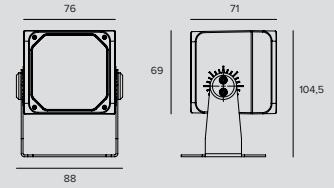
Code

1E3049

IP67 Extender for wireless control 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.



Small Remote driver



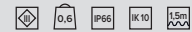
LED / 3W / LENSES / NSP



900mA	3000K	H(m)	D(m)	E _{max} (lx)
	Ra80		9°	
	Fixture Power	5W	1	0.15 4041
	Source Flux	200lm	2	0.30 1010
	Fixture Flux	151lm	3	0.46 449
	Efficacy	29lm/W	4	0.61 253
TS937	I _{max} =20203cd/klm	I _{max}	4041cd	5 0.76 162

Power supply	Colour	3000K	4000K
700/900mA	●	1E2986	1E2987

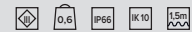
LED / 13W / LENSES / SP



3000K	H(m)	D(m)	E _{max} (lx)
Ra84		17°	
Fixture Power	17W	1	0.30 10569
Source Flux	1803lm	2	0.61 2642
Fixture Flux	1270lm	3	0.91 1174
Efficacy	75lm/W	4	1.21 661
TS938	I _{max} =5862cd/klm	I _{max}	10569cd
		5	1.52 423

Power supply	Colour	3000K	4000K
400mA	●	1E2988	1E2989

LED / 14W / LENSES / FL



3000K	H(m)	D(m)	E _{max} (lx)
Ra84		32°	
Fixture Power	15W	1	0.58 4071
Source Flux	2034lm	2	1.15 1018
Fixture Flux	1375lm	3	1.73 452
Efficacy	89lm/W	4	2.31 254
TS939	I _{max} =2002cd/klm	I _{max}	4071cd
		5	2.88 163

Power supply	Colour	3000K	4000K
400mA	●	1E2990	1E2991

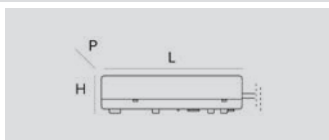
LED / 14W / REFLECTOR / MWFL



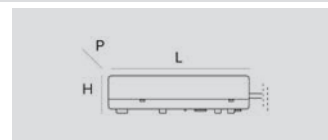
3000K	H(m)	D(m)	E _{max} (lx)
Ra84		46°	
Fixture Power	15W	1	0.85 2889
Source Flux	2034lm	2	1.70 722
Fixture Flux	1603lm	3	2.54 321
Efficacy	104lm/W	4	3.39 181
TS940	I _{max} =1421cd/klm	I _{max}	2891cd
		5	4.24 116

Power supply	Colour	3000K	4000K
400mA	●	1E2992	1E2993

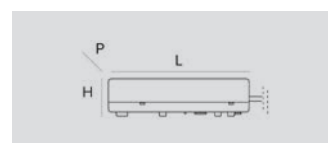
Power Supply



	Code
20W - 220-240Vac, 400mA - 118x22x52mm - IP20	1T4215EL
20W - 110-240Vac, 900mA - 118x22x52mm - IP20	1T5295EL
20W - 220-240Vac, 400mA - 150x40x148mm - IP68	1E3033EL
20W - 110-240Vac, 900mA - 150x40x148mm - IP68	1E3034EL
Electronic power supply LxHxP	



	Code
20W - 110-240Vac, 400mA - 118x22x52mm - IP20	1T4215D
20W - 110-240Vac, 900mA - 118x22x52mm - IP20	1T5295D
20W - 110-240Vac, 400mA - 150x40x148mm - IP68	1E3033D
20W - 110-240Vac, 900mA - 150x40x148mm - IP68	1E3034D
1-10V electronic power supply LxHxP	

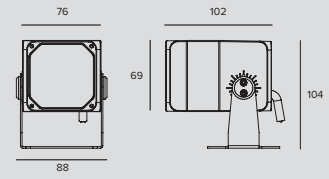


	Code
20W - 110-240Vac, 400mA - 118x22x52mm - IP20	1T4215DA
20W - 110-240Vac, 700mA - 118x22x52mm - IP20	1T5295DA
20W - 110-240Vac, 400mA - 150x40x148mm - IP68	1E3033DA
20W - 110-240Vac, 700mA - 150x40x148mm - IP68	1E3034DA
DALI electronic power supply LxHxP	

DART



Small Integrated driver



LED / 3W / LENSES / NSP



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra80		9°	
Fixture Power	5W	1	0.15	4041
Source Flux	200lm	2	0.30	1010
Fixture Flux	151lm	3	0.46	449
Efficacy	29lm/W	4	0.61	253
TS937	I _{max} =20203cd/klm	I _{max}	4041cd	162

Driver	Colour	3000K	4000K
EL.	●	1E3056EL	1E3057EL

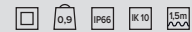
LED / 11W / LENSES / SP



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		17°	
Fixture Power	15W	1	0.30	10469
Source Flux	1786lm	2	0.61	2617
Fixture Flux	1258lm	3	0.91	1163
Efficacy	85lm/W	4	1.21	654
TS938	I _{max} =5862cd/klm	I _{max}	10469cd	419

Driver	Colour	3000K	4000K
EL.	●	1E3058EL	1E3059EL

LED / 12W / LENSES / FL



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		32°	
Fixture Power	14W	1	0.58	3645
Source Flux	1821lm	2	1.15	911
Fixture Flux	1231lm	3	1.73	405
Efficacy	91lm/W	4	2.31	228
TS939	I _{max} =2002cd/klm	I _{max}	3645cd	146

Driver	Colour	3000K	4000K
EL.	●	1E3060EL	1E3061EL

LED / 12W / REFLECTOR / MWFL



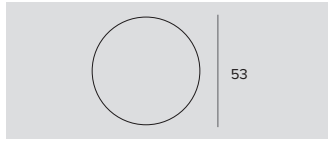
	3000K	H(m)	D(m)	E _{max} (lx)
	Ra84		46°	
Fixture Power	14W	1	0.85	2586
Source Flux	1821lm	2	1.70	647
Fixture Flux	1435lm	3	2.54	287
Efficacy	106lm/W	4	3.39	162
TS940	I _{max} =1421cd/klm	I _{max}	2588cd	103

Driver	Colour	3000K	4000K
EL.	●	1E3062EL	1E3063EL

DART

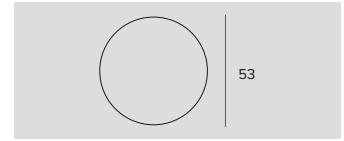
Accessories

Filter



Filter	Ø	Code
Red	53	1E3006
Green	53	1E3007
Blue	53	1E3008
Yellow	53	1E3009
Magenta	53	1E3010

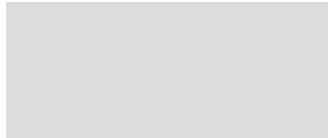
Chromatic filter.
Glass with dichroic treatment.
Non suitable for the asymmetric reflector nor for grazing lighting.
To be completed with a dedicated holder ring.



Ø	Code
53	1E3012

Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.

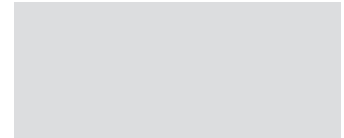
Grid



Code
1E3014

Anti-glare louver.
The central elements may be removed to obtain two different levels of glare control.
Powder coated stainless steel.

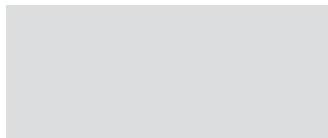
RAY Shade



Code
1E3013

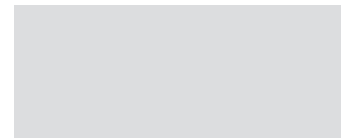
Asymmetric screen.
Powder coated stainless steel.

Mounting System



Code
1E3015

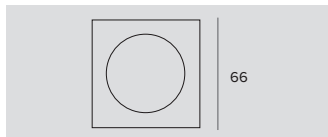
Plate for fixture rotation.
Powder coated stainless steel.



Code
1E3016

Earthspike.
Powder coated stainless steel.

Holder Ring



Code
1E3011

Holder ring.
Powder coated stainless steel.

Connector



Code

1E2493

Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

1E3400

Connection kit for looping between fixtures.
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 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.

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

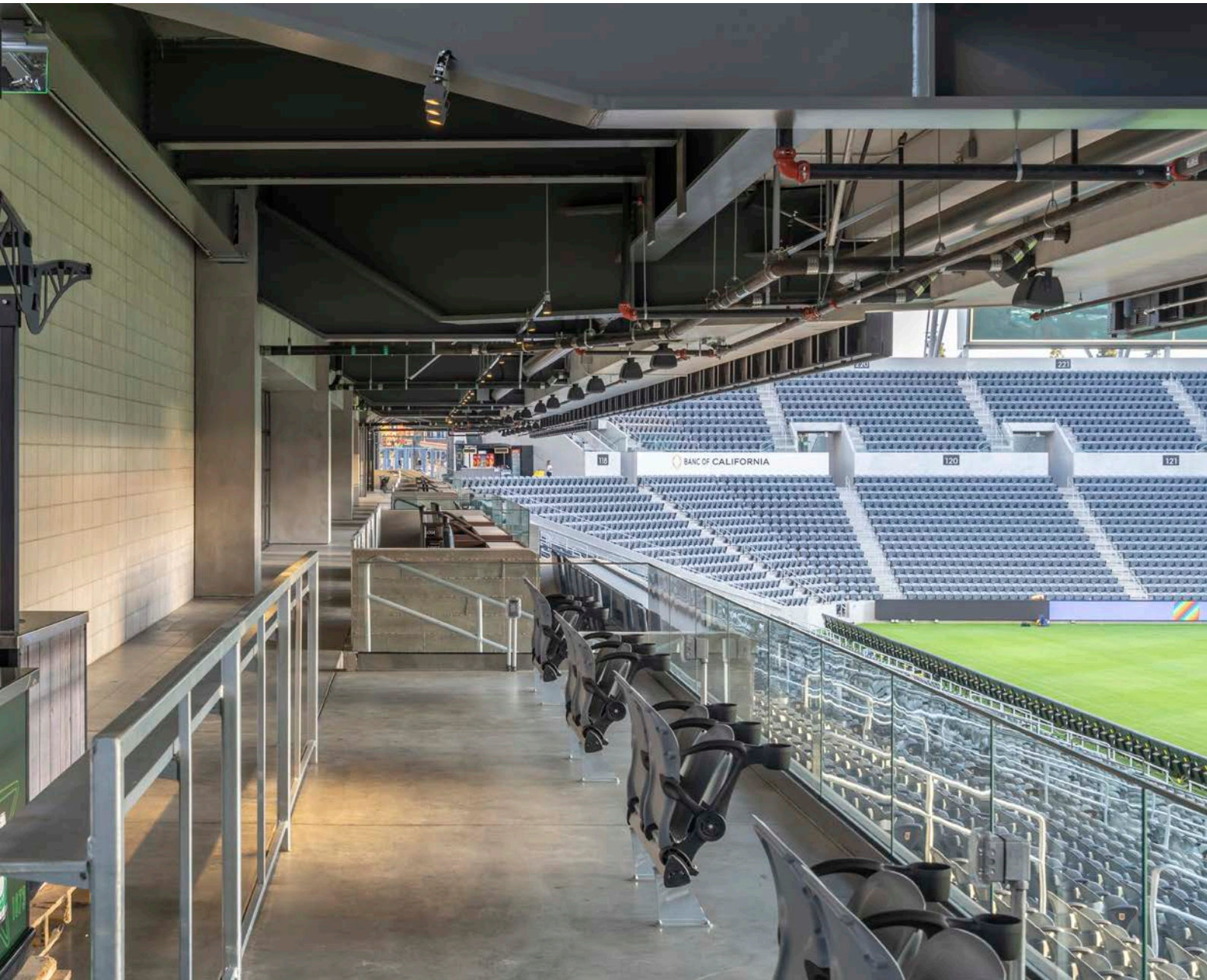
Painted die-cast anodised aluminium body, brackets and joints.

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.



PYROS



**BANC OF
CALIFORNIA
STADIUM**
2018

ARCHITECT
Gensler

LIGHTING DESIGN
First Circle Design

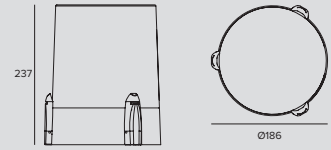
PHOTOGRAPHER
Henri Khodaverdi

COUNTRY
Los Angeles - USA

PYROS



L. 237mm



LED / 25W / SP									
		3000K	H(m)	D(m)	Driver		Colour	3000K	4000K
		Ra84		10°	EL.		●	1E2779	1E2780
Fixture Power	28W	1	0.17	48565					
Source Flux	3655lm	2	0.35	12141					
Fixture Flux	2938lm	3	0.52	5396					
Efficacy	105lm/W	4	0.69	3035					
TS640	Imax=13287cd/klm	Imax	48565cd	5	0.87	1943			

LED / 25W / FL									
		3000K	H(m)	D(m)	Driver		Colour	3000K	4000K
		Ra84		25°	EL.		●	1E2781	1E2782
Fixture Power	28W	1	0.45	11885					
Source Flux	3655lm	2	0.89	2971					
Fixture Flux	2869lm	3	1.34	1321					
Efficacy	102lm/W	4	1.79	743					
TS641	Imax=3252cd/klm	Imax	11885cd	5	2.23	475			

LED / 39W / SP									
		3000K	H(m)	D(m)	Driver		Colour	3000K	4000K
		Ra84		10°	EL.		●	1E2783	1E2784
Fixture Power	42W	1	0.17	67087					
Source Flux	5049lm	2	0.35	16772					
Fixture Flux	4059lm	3	0.52	7454					
Efficacy	98lm/W	4	0.69	4193					
TS640	Imax=13287cd/klm	Imax	67087cd	5	0.87	2683			

LED / 39W / FL									
		3000K	H(m)	D(m)	Driver		Colour	3000K	4000K
		Ra84		25°	EL.		●	1E2785	1E2786
Fixture Power	42W	1	0.45	16417					
Source Flux	5049lm	2	0.89	4104					
Fixture Flux	3963lm	3	1.34	1824					
Efficacy	95lm/W	4	1.79	1026					
TS641	Imax=3252cd/klm	Imax	16417cd	5	2.23	657			

LED / 50W / SP									
		3000K	H(m)	D(m)	Driver		Colour	3000K	4000K
		Ra84		10°	EL.		●	1E2978	1E2979
Fixture Power	55W	1	0.17	91495					
Source Flux	6672lm	2	0.35	22874					
Fixture Flux	5364lm	3	0.52	10166					
Efficacy	98lm/W	4	0.70	5718					
TS972	Imax=13713cd/klm	Imax	91495cd	5	0.87	3660			

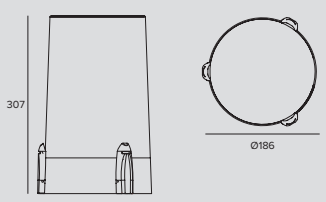
LED / 50W / FL

		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra84		24°		
Fixture Power	55W	1	0.43	22191		
Source Flux	6672lm	2	0.86	5548		
Fixture Flux	5237lm	3	1.28	2466		
Efficacy	95lm/W	4	1.71	1387		
TS973	I _{max} =3326cd/klm	I _{max}	22191cd	5	2.14	888

Driver	Colour	3000K	4000K
EL.		1E2980	1E2981



L. 307mm



LED / 80W / SP

		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra84		10°		
Fixture Power	88W	1	0.17	123310		
Source Flux	8992lm	2	0.35	30827		
Fixture Flux	7230lm	3	0.52	13701		
Efficacy	82lm/W	4	0.70	7707		
TS972	I _{max} =13713cd/klm	I _{max}	123310cd	5	0.87	4932

Driver	Colour	3000K	4000K
EL.		1E2982	1E2983

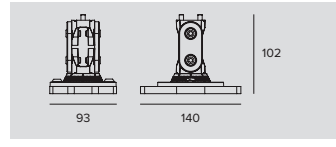
LED / 80W / FL

		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra84		24°		
Fixture Power	88W	1	0.43	29908		
Source Flux	8992lm	2	0.86	7477		
Fixture Flux	7059lm	3	1.28	3323		
Efficacy	80lm/W	4	1.71	1869		
TS973	I _{max} =3326cd/klm	I _{max}	29908cd	5	2.14	1196

Driver	Colour	3000K	4000K
EL.		1E2984	1E2985

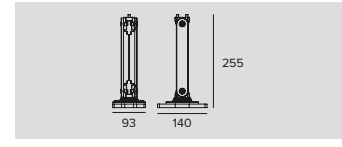
Related codes

Mounting System



	Kg	Code
	0,6	1E2806

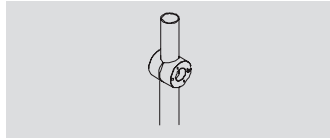
Die-cast aluminium bracket with double joint to allow 180° rotation on the vertical plane.
 Graduated metal ring located at the base of the bracket to allow 360° rotation on the horizontal plane. Mechanical locking system to ensure aiming stability.
 Available in two different lengths.
 Short.



	Kg	Code
	1,3	1E2807

Die-cast aluminium bracket with double joint to allow 180° rotation on the vertical plane.
 Graduated metal ring located at the base of the bracket to allow 360° rotation on the horizontal plane. Mechanical locking system to ensure aiming stability.
 Available in two different lengths.
 Long.

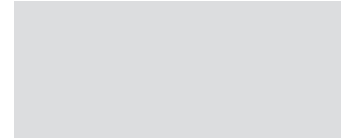
PYROS



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



Filter	Ø	Code
Red	187	1E2816
Green	187	1E2817
Blue	187	1E2818
Yellow	187	1E2819

Chromatic filter. Complete with ring.



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.



Ø	Code
187	1E2822

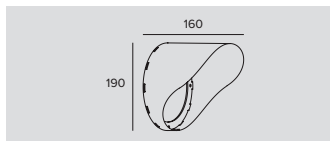
"Soft beam" effect refractive filter.
The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform.
Complete with ring.



Ø	Code
187	1E2820

Frosted glass. Complete with ring.

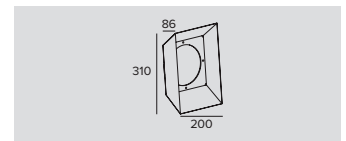
RAY Shade



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.

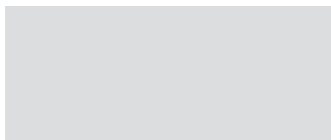


Code

1E2824

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.

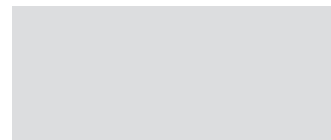
Connector



Code

1E2493

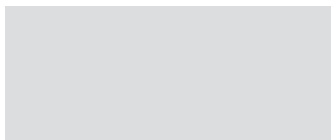
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

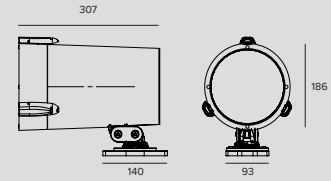
1E3400

Connection kit for looping between fixtures.
IP68

PYROS



RGBW short arm



LED RGBW / 35W / SP



	-	H(m)	D(m)	Emax(lx)		
	-	-	19°	-		
	Fixture Power	43W	1	0.34	5855	
	Source Flux	972lm	2	0.67	1464	
	Fixture Flux	972lm	3	1.01	651	
	Efficacy	23lm/W	4	1.34	366	
TS1055	Imax=6025cd/klm	Imax	5855cd	5	1.68	234

Driver	Colour	Code
EL. DMX	●	1E3124

LED RGBW / 35W / FL

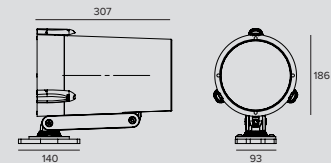


	-	H(m)	D(m)	Emax(lx)		
	-	-	37°	-		
	Fixture Power	43W	1	0.67	2353	
	Source Flux	960lm	2	1.34	588	
	Fixture Flux	960lm	3	2.00	261	
	Efficacy	22lm/W	4	2.67	147	
TS1056	Imax=2456cd/klm	Imax	2357cd	5	3.34	94

Driver	Colour	Code
EL. DMX	●	1E3173



RGBW long arm



LED RGBW / 35W / SP



	-	H(m)	D(m)	Emax(lx)		
	-	-	19°	-		
	Fixture Power	43W	1	0.34	5855	
	Source Flux	972lm	2	0.67	1464	
	Fixture Flux	972lm	3	1.01	651	
	Efficacy	23lm/W	4	1.34	366	
TS1055	Imax=6025cd/klm	Imax	5855cd	5	1.68	234

Driver	Colour	Code
EL. DMX	●	1E3125

LED RGBW / 35W / FL



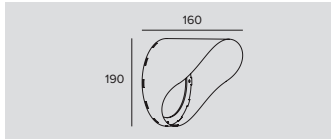
	-	H(m)	D(m)	Emax(lx)		
	-	-	37°	-		
	Fixture Power	43W	1	0.67	2353	
	Source Flux	960lm	2	1.34	588	
	Fixture Flux	960lm	3	2.00	261	
	Efficacy	22lm/W	4	2.67	147	
TS1056	Imax=2456cd/klm	Imax	2357cd	5	3.34	94

Driver	Colour	Code
EL. DMX	●	1E3174

Photometric show the maximum emission values of fixtures.

Accessories

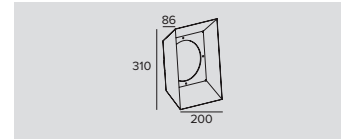
RAY Shade



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.

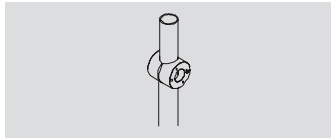


Code

1E2824

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.

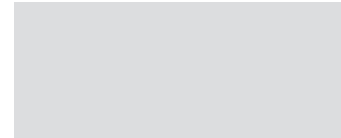
Mounting System



Code

1E2825

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

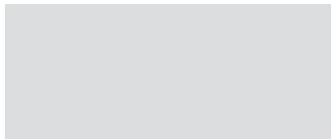


Code

1E2826

Pole head for pole with external diameter 60mm (+/-2mm) and internal diameter > 40mm.

Control systems

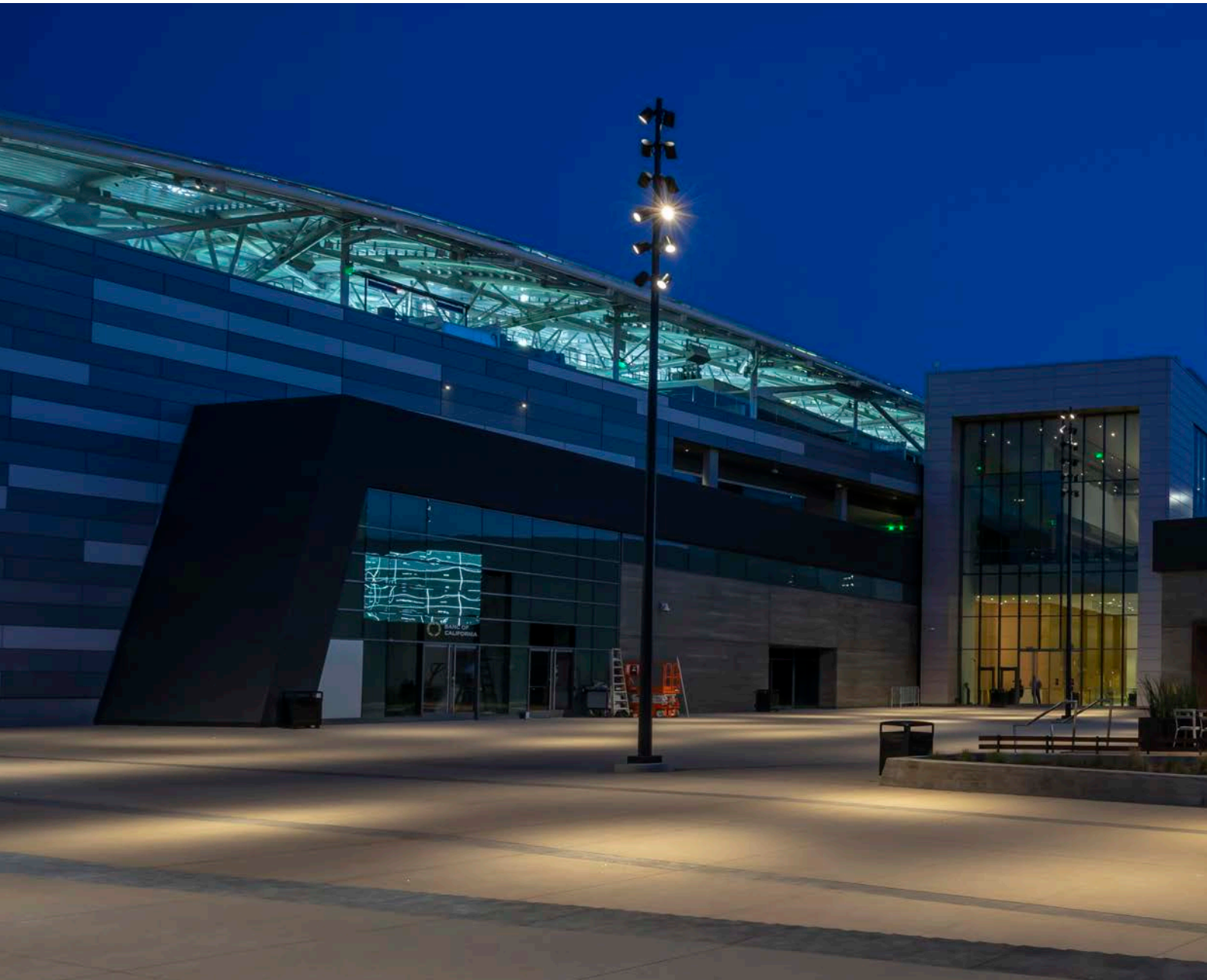


Code

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.

PYROS



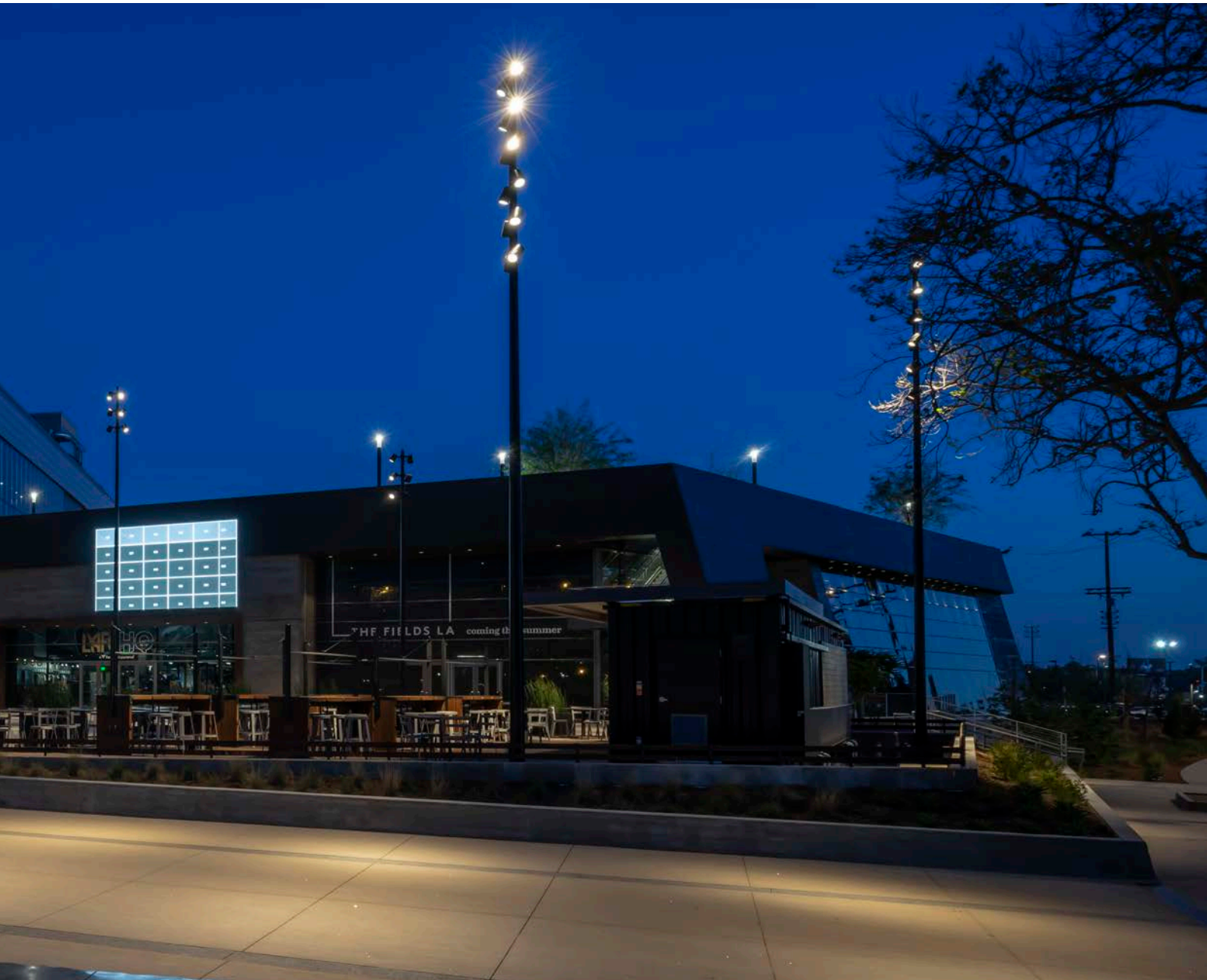
**BANC OF
CALIFORNIA
STADIUM**
2018

ARCHITECT
Gensler

LIGHTING DESIGN
First Circle Design

PHOTOGRAPHER
Henri Khodaverdi

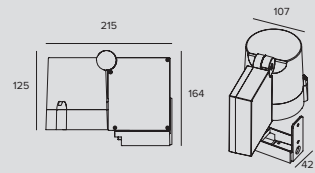
COUNTRY
Los Angeles - USA



PYROS



NANO PYROS



LED / 21W / HYBRID / SP								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84		13°		EL.	●	1E2827	1E2828
	Fixture Power	24W	1	0.23	25082			
	Source Flux	2954lm	2	0.46	6271			
	Fixture Flux	1768lm	3	0.69	2787			
	Efficacy	73lm/W	4	0.92	1568			
TS649	I _{max} =8491cd/klm	I _{max}	25082cd	5	1.14	1003		

LED / 21W / HYBRID / FL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84		32°		EL.	●	1E2829	1E2830
	Fixture Power	24W	1	0.58	6061			
	Source Flux	2954lm	2	1.17	1515			
	Fixture Flux	1656lm	3	1.75	673			
	Efficacy	69lm/W	4	2.33	379			
TS650	I _{max} =2052cd/klm	I _{max}	6061cd	5	2.91	242		

LED / 21W / REFLECTOR / MWFL								
	3000K	H(m)	D(m)	Emax(lx)	Driver	Colour	3000K	4000K
	Ra84		45°		EL.	●	1E2831	1E2832
	Fixture Power	24W	1	0.82	4830			
	Source Flux	3153lm	2	1.64	1207			
	Fixture Flux	2582lm	3	2.46	537			
	Efficacy	107lm/W	4	3.28	302			
TS651	I _{max} =1559cd/klm	I _{max}	4917cd	5	4.10	193		

Accessories

Filter					
		Kg	Filter	Ø	Code
		0.4	Red	107	1E2849
		0.4	Green	107	1E2850
		0.4	Blue	107	1E2851
		0.4	Yellow	107	1E2852
Chromatic filter. Complete with ring.					
		Kg	Ø	Code	
		0.2	107	1E2853	
		"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	1E2854	
		"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

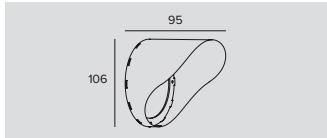


Code

1E2766

Anti-glare louver.
Black painted metal honeycomb structure.
Designed to be housed inside the fixture.

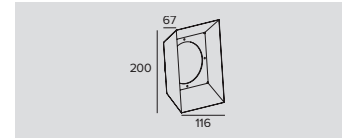
RAY Shade



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.

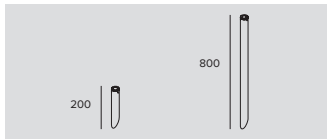


Code

1E2856

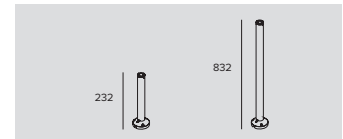
Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.
0.4Kg.

Mounting System



Kg	L	Code
0.5	200	1E2845
1.8	800	1E2846

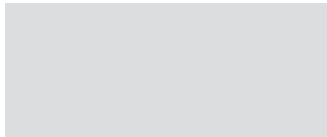
Earthspike.



Kg	L	Code
0.7	232	1E2847
2	832	1E2848

Spike with base for surface installation.

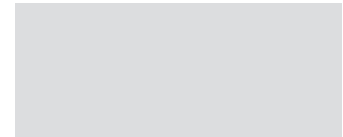
Connector



Code

1E2493

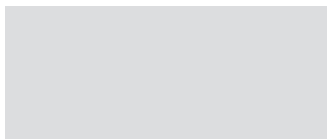
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

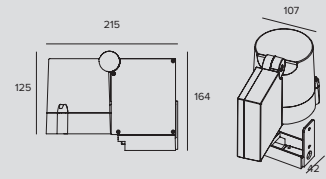
1E3400

Connection kit for looping between fixtures.
IP68

PYROS



NANO PYROS RGB



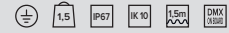
LED RGB / 20W / SP



		H(m)	D(m)	Emax(lx)
		-	15°	-
Fixture Power	25W	1	0.26	1396
Source Flux	216lm	2	0.53	349
Fixture Flux	173lm	3	0.79	155
Efficacy	7lm/W	4	1.06	87
EV308	Imax=6463cd/klm	Imax	1396cd	5
			1.32	56

Driver	Colour	Code
EL. DMX	●	1E2833

LED RGB / 20W / FL



		H(m)	D(m)	Emax(lx)
		-	24°	-
Fixture Power	24W	1	0.42	800
Source Flux	239lm	2	0.84	200
Fixture Flux	187lm	3	1.26	89
Efficacy	8lm/W	4	1.68	50
EV174	Imax=3347cd/klm	Imax	800cd	5
			2.10	32

Driver	Colour	Code
EL. DMX	●	1E2834

Photometric show the maximum emission values of fixtures.

Accessories

Grid

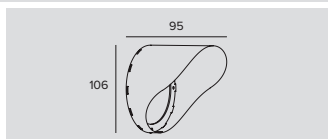


Code

1E2766

Anti-glare louver.
Black painted metal honeycomb structure.
Designed to be housed inside the fixture.

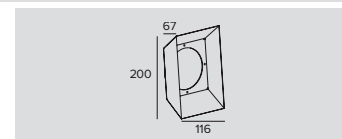
RAY Shade



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.

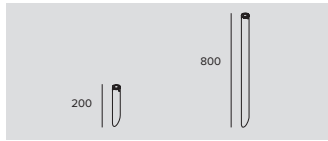


Code

1E2856

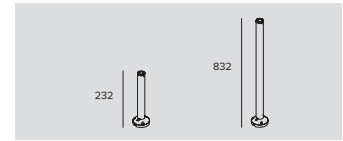
Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.
0.4Kg.

Mounting System



Kg	L	Code
0.5	200	1E2845
1.8	800	1E2846

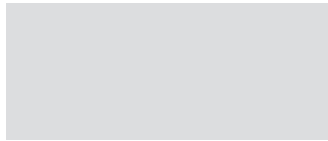
Earthspike.



Kg	L	Code
0.7	232	1E2847
2	832	1E2848

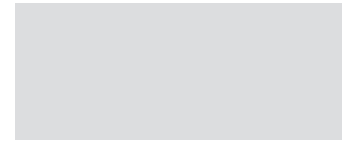
Spike with base for surface installation.

Cable



Code
1E1715

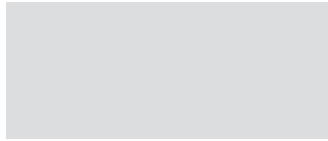
Multifunction cable for outdoor use (DMX + power supply).



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.

NANO PYROS



**SAGE
HILL HIGH
SCHOOL**
2018

LIGHTING DESIGN
First Circle Design

PHOTOGRAPHER
©SAC Design

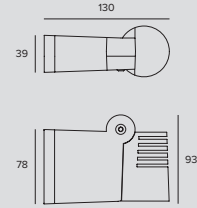
COUNTRY
Newport Coast - USA



PYROS



PICO PYROS



LED / 8W / SP



	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		18°			
	Fixture Power	11W	1	0.32	2253	
	Source Flux	501lm	2	0.65	563	
	Fixture Flux	408lm	3	0.97	250	
	Efficacy	39lm/W	4	1.29	141	
EV218	Imax=4497cd/klm	Imax	2253cd	5	1.62	90

Driver	Colour	3000K	4000K
EL.		1E2857	1E2859

LED / 8W / FL

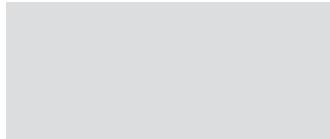


	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		36°			
	Fixture Power	11W	1	0.65	656	
	Source Flux	501lm	2	1.30	164	
	Fixture Flux	361lm	3	1.95	73	
	Efficacy	34lm/W	4	2.60	41	
EV216	Imax=1308cd/klm	Imax	656cd	5	3.25	26

Driver	Colour	3000K	4000K
EL.		1E2858	1E2860

Accessories

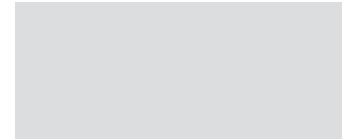
Connector



Code

1E2493

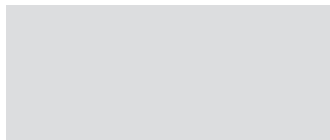
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

1E3400

Connection kit for looping between fixtures.
IP68



**LOS OLIVOS
MARKETPLACE
2017**

COUNTRY
Irvine - USA

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.

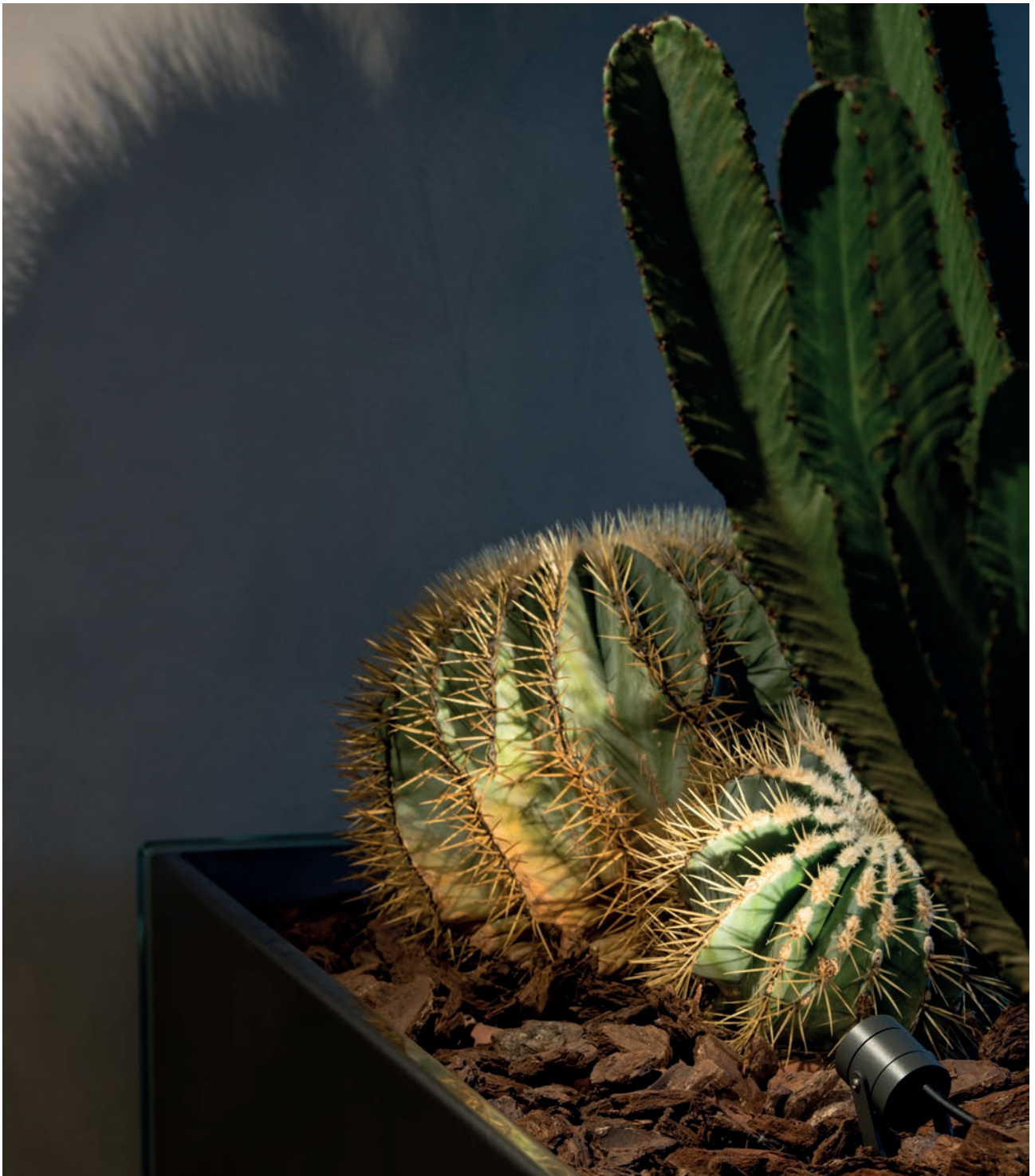
It has a lenticular type optic that makes it possible to obtain defined, precise beams.

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.





STUDIO CERI
2018

ARCHITECT
Studio Ceri

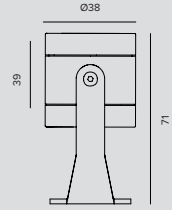
PHOTOGRAPHER
Officine Fotografiche

COUNTRY
Prato, Italy

JUPITER



Mini Projector



LED / 3W / SP



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		17°	
Fixture Power	4W	1	0.31	2037
Source Flux	353lm	2	0.61	509
Fixture Flux	295lm	3	0.92	226
Efficacy	74lm/W	4	1.23	127
TS1048	Imax=5771cd/klm	Imax	2037cd	81

Power supply	Colour	3000K	4000K
24Vdc	●	1E3167	1E3168

LED / 3W / FL



	3000K	H(m)	D(m)	Emax(lx)
	Ra84		30°	
Fixture Power	4W	1	0.54	1062
Source Flux	353lm	2	1.09	266
Fixture Flux	289lm	3	1.63	118
Efficacy	72lm/W	4	2.17	66
TS1049	Imax=3009cd/klm	Imax	1062cd	42

Power supply	Colour	3000K	4000K
24Vdc	●	1E3169	1E3170

LED / 3W / WFL

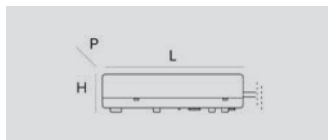


	3000K	H(m)	D(m)	Emax(lx)
	Ra84		60°	
Fixture Power	4W	1	1.16	367
Source Flux	353lm	2	2.32	92
Fixture Flux	302lm	3	3.47	41
Efficacy	75lm/W	4	4.63	23
TS1050	Imax=1041cd/klm	Imax	367cd	15

Power supply	Colour	3000K	4000K
24Vdc	●	1E3171	1E3172

Related codes

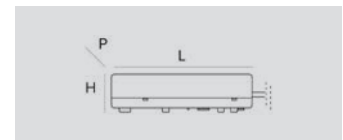
Power Supply



Code

10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	1E3179
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	1T3726
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	1T3586
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	1T3587
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	1T3588

Electronic power supply
LxHxP



Code

16W - 220-240Vac, 24Vdc - 110x22x52mm - IP20	1E2908
DALI electronic power supply LxHxP	



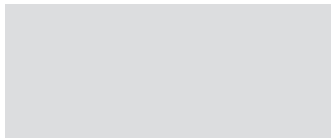
Code

1E0993
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.

JUPITER

Accessories

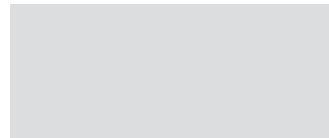
Connector



Code

1E2493

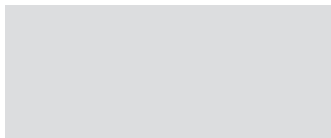
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

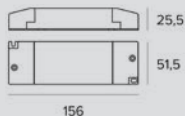


Code

1E3400

Connection kit for looping between fixtures.
IP68

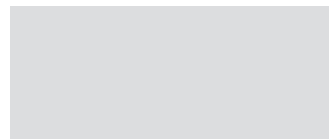
Control systems



Code

1T6581

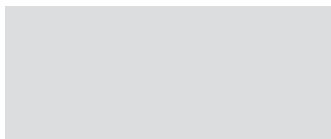
DALI/1-10V dimmer 12/24V.



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.

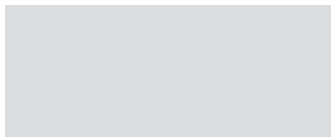


Code

1E3049

IP67 Extender for wireless control 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.

Mounting System



L Code

110 **1E0995FE**

Peg for ground anchorage.
Ferrite

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

Unitil 47lm/W

OPTICS

Versions MONO-LED
SP - FL

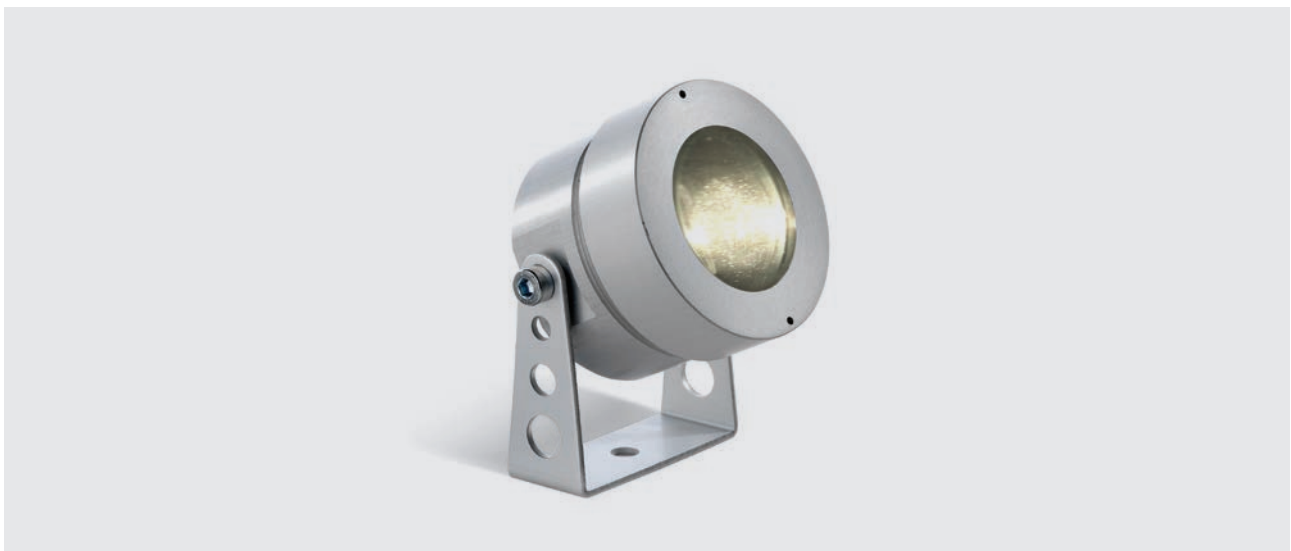
POWER SUPPLY

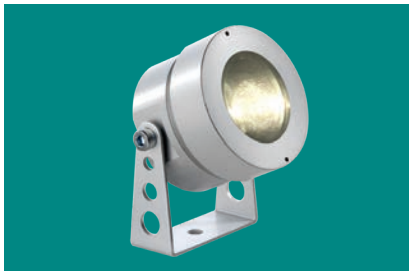
Electronic

MATERIAL

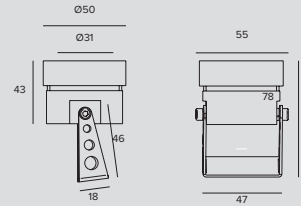
Anodised aluminium body and bracket.

A series of miniature LED fixtures available in recessed or projector versions with monochromatic LED and RGB technology.





Projector



LED / 2W / SP								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	6000K
	Ra80		9°		700mA	●	1E2371	1E2372
	Fixture Power	3W	1	0.16	2012			
	Source Flux	117lm	2	0.32	503			
	Fixture Flux	116lm	3	0.48	224			
	Efficacy	39lm/W	4	0.64	126			
TS670	Imax=17195cd/klm	Imax	2012cd	5	0.80	80		

LED / 2W / FL								
	3000K	H(m)	D(m)	Emax(lx)	Power supply	Colour	3000K	6000K
	Ra80		34°		700mA	●	1E2373	1E2374
	Fixture Power	3W	1	0.60	223			
	Source Flux	99lm	2	1.21	56			
	Fixture Flux	99lm	3	1.81	25			
	Efficacy	33lm/W	4	2.42	14			
TS671	Imax=2253cd/klm	Imax	223cd	5	3.02	9		

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.

Accessories

Mounting System

L Code
110 **1E0995**

Peg for ground anchorage.
Stainless steel.

Connector

Code
1E2493

Connector for coaxial connection. 4 poles max. wire section 2.5mm². Cable diameter range from 7 to 12mm. IP68

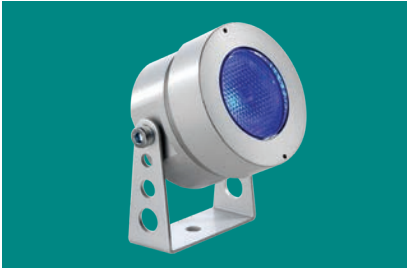
Code
1E2494

Connector for coaxial connection. 1 IN - 3 OUT 4 poles max. wire section 2.5mm². Cable diameter range from 8 to 12mm. IP68

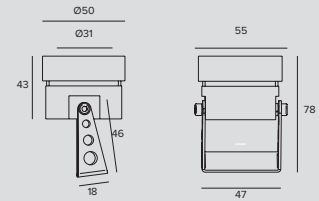
Code
1E3400

Connection kit for looping between fixtures.
IP68

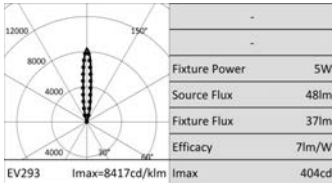
LED.Y



Projector RGB

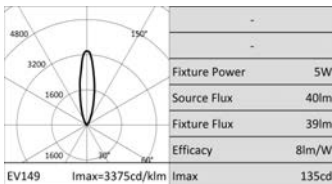


LED RGB / 3,5W / SP



Power supply	Colour	RGB
3X350mA	●	1E1855

LED RGB / 3,5W / FL



Power supply	Colour	RGB
3X350mA	●	1E1410

Photometric 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.

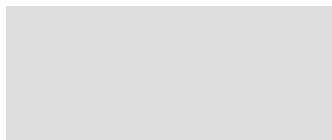
Power supply and Control System SECS Scene Effect Control System.

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.

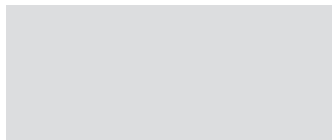
The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote 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

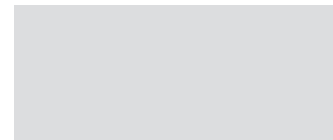


L Code

110 **1E0995**

Peg for ground anchorage.
Stainless steel.

Cable

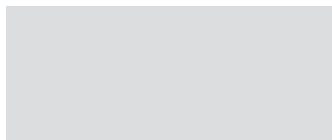


Code

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.

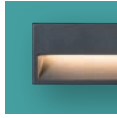
The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).

The programmed light shows can be transferred to different control interfaces.

WALL RECESSED



616 ZEDGE
PRO



626 ZEDGE
LINE



628 ZEDGE

outdoor

WALL RECESSED

ZEDGE

GENERAL INFO

Recessed wall mounted fixture.

ZEDGE 63x63mm

ZEDGE LINE 63x304mm

ZEDGE PRO 200x200mm

LED

ZEDGE

Linear boards

From 570lm to 598lm

3000K – 4000K

Ra84

ZEDGE LINE

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 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.

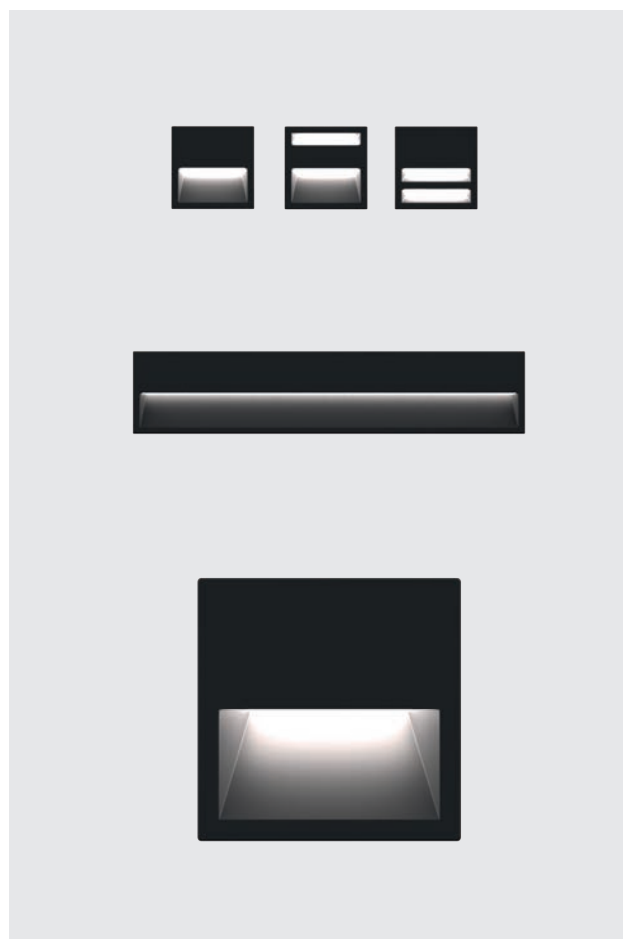
MATERIAL

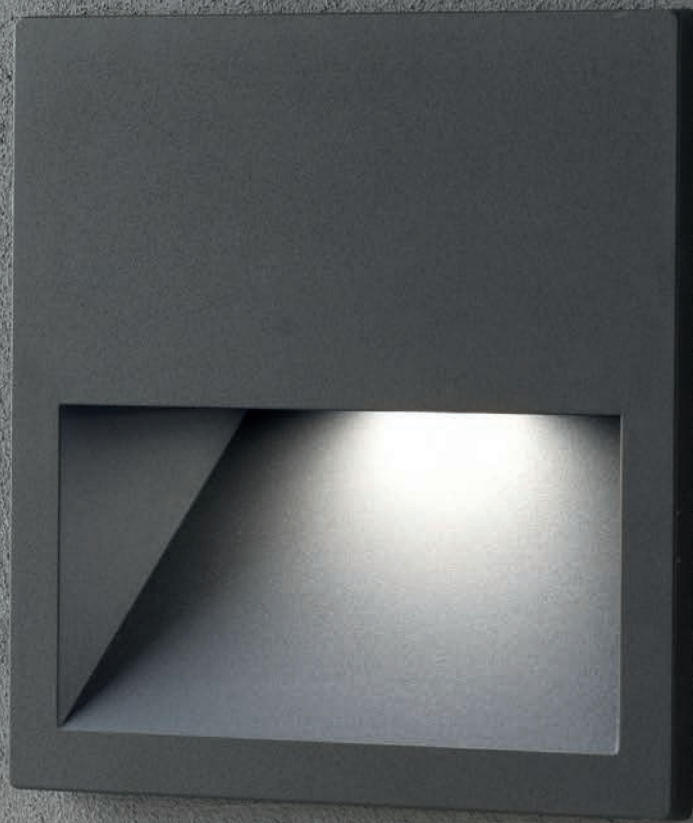
The body of the fixture are made of powder coated die-cast anodised aluminium.

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.

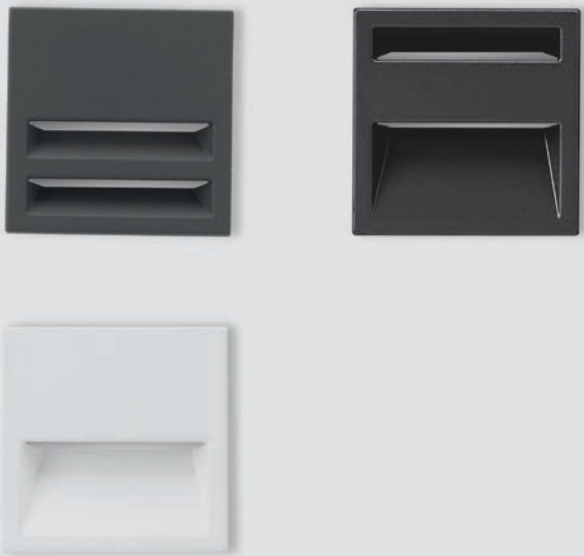
With the use of special accessories the PRO fixture is also available in a bollard and wall mounted version.





ZEDGE plus

01



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 LINE

New shapes in the ZEDGE range with the new ZEDGE LINE rectangular version. The same design, proportions but improved performance. The new Floor washer has a very shallow recess depth and can be installed without an outer casing using spring accessories.

03



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.

04



New Bollard and Wall mounted versions.

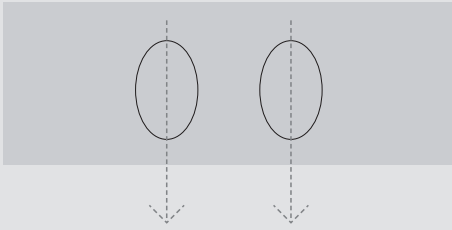
Thanks to the special accessories it is now possible to install ZEDGE PRO even in a Wall mounted and Bollard versions, available in three different heights 400 - 800 - 1000mm.



The 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.

ZEDGE plus

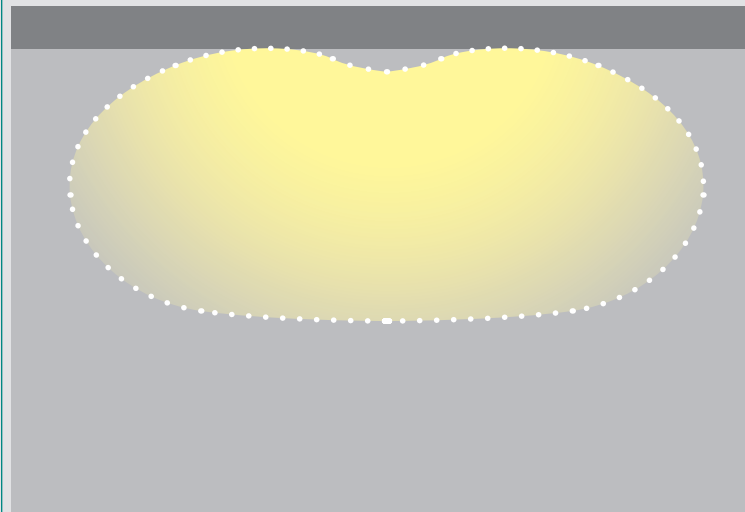
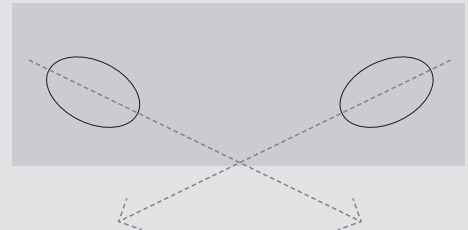
06



DEEP VERSION

For deep lighting of horizontal surfaces where the priority is to light large open spaces or very wide pathways.

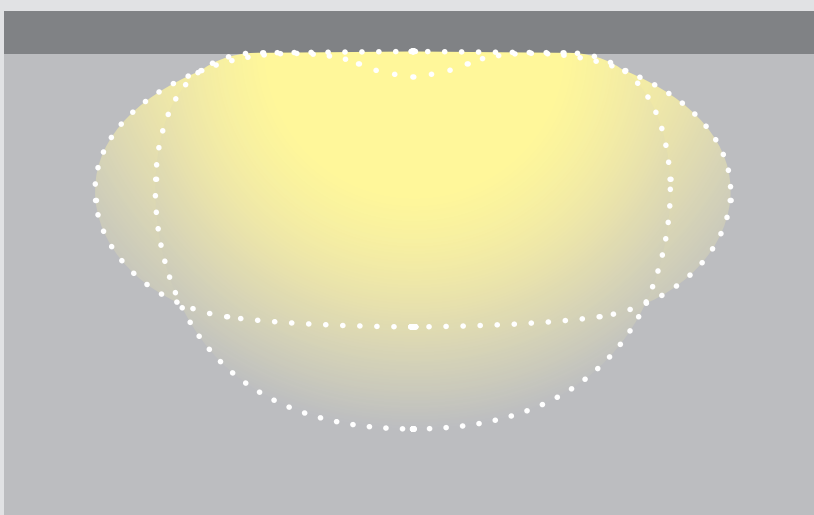
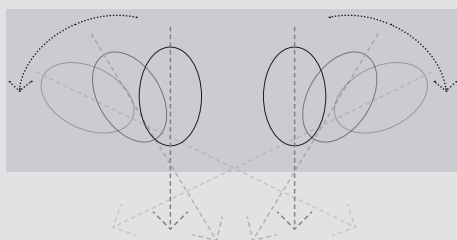
07



WIDE VERSION

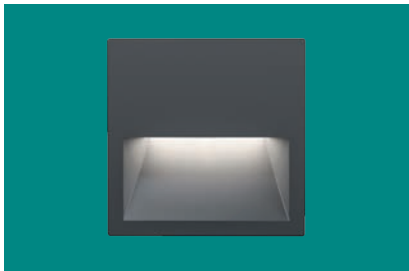
For lighting that favours illuminance uniformity on the longitudinal axis such as long public or private pedestrian walkways.

08

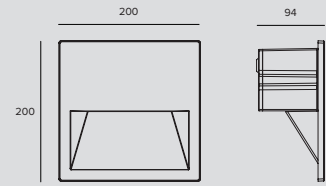


ADJUSTABLE VERSION

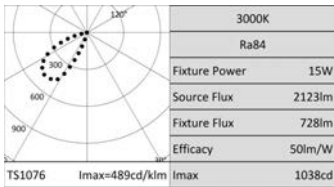
An innovative solution that makes it possible to obtain different light effects with the same fixture by calibrating the light beam to suit different project needs. Using an Allen key, it is possible to rotate the optical system changing from a DEEP effect to a WIDE effect fluidly, choosing the most suitable position for the project from among the myriad of intermediary positions.



PRO

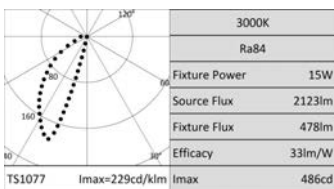


LED / 13W / DEEP / FLOOR WASHER □ 2.5 IP65



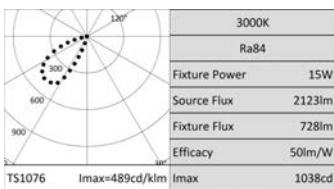
Driver	Colour	2700K	3000K	4000K
EL.	●	1E3192EL	1E3195EL	1E3198EL
DALI	●	1E3192DA	1E3195DA	1E3198DA

LED / 13W / WIDE / FLOOR WASHER □ 2.5 IP65

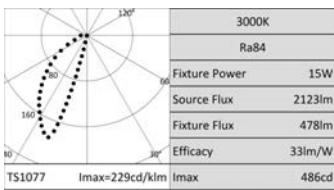


Driver	Colour	2700K	3000K	4000K
EL.	●	1E3201EL	1E3204EL	1E3207EL
DALI	●	1E3201DA	1E3204DA	1E3207DA

LED / 13W / ADJUSTABLE / FLOOR WASHER □ 2.5 IP65

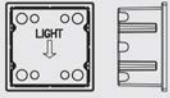


Driver	Colour	2700K	3000K	4000K
EL.	●	1E3210EL	1E3213EL	1E3216EL
DALI	●	1E3210DA	1E3213DA	1E3216DA



Related codes

Insertion Box

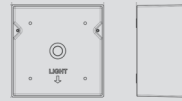


Code

1E3219

Nylon outer casing fitted for parallel connection with feed through-wiring.
AxBxH= 207x207x114,5mm

Wall mounted installation



AxBxH

Colour

Code

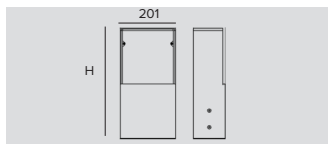
201x201x107

●

1E3440

Plate accessory for wall mounted installation.
Powder coated anodised aluminium.

Bollard installation



H

Colour

Code

400mm

●

1E3437

800mm

●

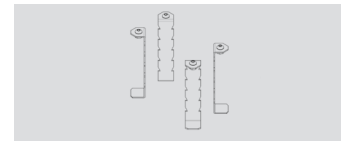
1E3438

1000mm

●

1E3439

Powder coated anodised aluminium bollard.



Code

1E3450

Fixing rods for installation in concrete.
AISI 316 stainless steel.

Accessories

Connector



Code

1E2769

Connectors kit for 5 pole coaxial connections.



Code

1E3400

Connection kit for looping between fixtures.
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.



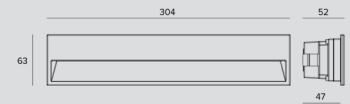
Code

1E3049

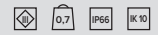
IP67 Extender for wireless control with DALI interfaces.
It generates a local DALI bus with the capacity to drive up to 64 fixtures and can
control groups of fixtures in outdoor applications.
It prevents any change to the management features provided by the Casambi system.



LINE



LED / 6W / FLOOR WASHER



		3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)
		Ra84			48°	88°	
Fixture Power	7W	1	1.90	2.12	115		
Source Flux	870lm	2	3.80	4.25	29		
Fixture Flux	171lm	3	5.70	6.37	13		
Efficacy	24lm/W	4	7.60	8.49	7		
TS1128	I _{max} =174cd/klm	I _{max}	151cd	5	9.50	10.61	5

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E3441	1E3445	1E3446

LED / 8W / FLOOR WASHER

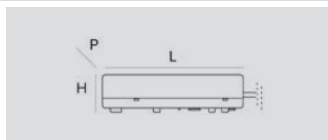


		3000K		H(m)	D1(m)	D2(m)	E _{max} (lx)
		Ra84			48°	88°	
Fixture Power	9W	1	1.90	2.12	165		
Source Flux	1250lm	2	3.80	4.25	41		
Fixture Flux	245lm	3	5.70	6.37	18		
Efficacy	27lm/W	4	7.60	8.49	10		
TS1128	I _{max} =174cd/klm	I _{max}	217cd	5	9.50	10.61	7

Driver	Colour	2700K	3000K	4000K
EL.	●	1E3442EL	1E3443EL	1E3444EL
DALI	●	1E3442DA	1E3443DA	1E3444DA

Related codes

Power Supply

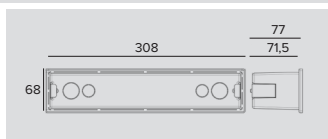


	Code
10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	1E3179
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	1T3726
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	1T3586
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	1T3587
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	1T3588

Electronic power supply
LxHxP

	Code
Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.	1E0993

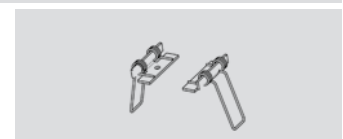
Insertion Box



	Code
	1E3447

Nylon outer casing fitted for parallel connection with feed through-wiring.

Mounting System

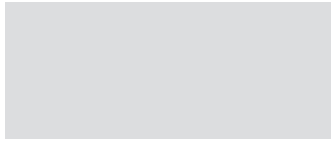


	Code
	1T7003

Stainless steel spring kit for installation without insertion box.

Accessories

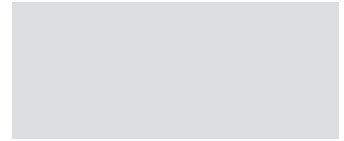
Electrical Connector - 24Vdc / EL.



Code

1E2493

Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68

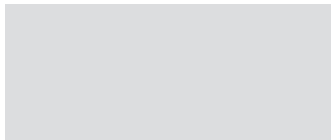


Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68

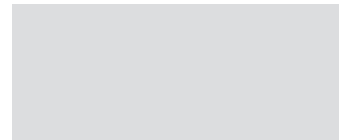
Electrical Connector - 24Vdc - DALI



Code

1E3400

Connection kit for looping between fixtures.
IP68

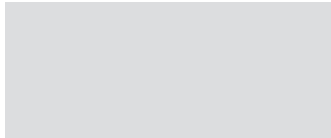


Code

1E2769

Connectors kit for 5 pole coaxial connections.

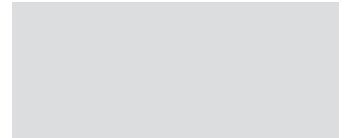
Control systems 24Vdc - DALI



Code

1E3048

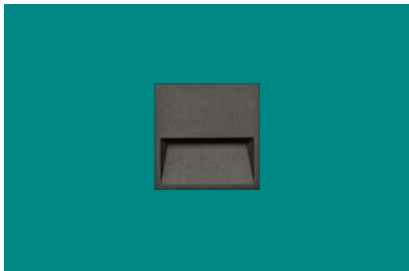
A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.



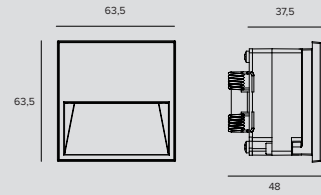
Code

1E3049

IP67 Extender for wireless control 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.



Floor Washer



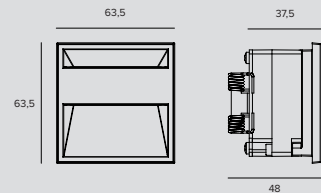
LED / 4W

		3000K		4000K	
		H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra84		55°	86°		
Fixture Power	5W	1	2.62	2.11	23
Source Flux	570lm	2	5.25	4.22	6
Fixture Flux	40lm	3	7.87	6.33	3
Efficacy	7lm/W	4	10.50	8.44	1
TS999	I _{max} =53cd/klm	I _{max}	30cd	5	13.12 10.55 1

Power supply	Colour	3000K	4000K
24Vdc	○	1E3154	1E3157
24Vdc	●	1E3160	1E3163
24Vdc	●	1E3148	1E3151



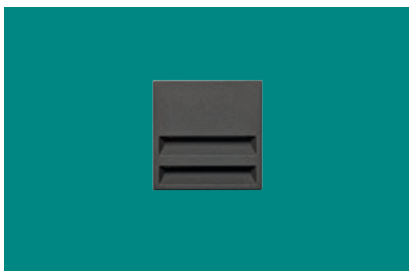
Floor Washer + Halo



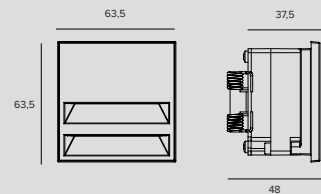
LED / 4W

		3000K		4000K	
		H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra84		56°	90°		
Fixture Power	5W	1	2.82	2.30	23
Source Flux	570lm	2	5.65	4.60	6
Fixture Flux	46lm	3	8.47	6.90	3
Efficacy	9lm/W	4	11.30	9.19	1
TS1000	I _{max} =54cd/klm	I _{max}	31cd	5	14.12 11.49 1

Power supply	Colour	3000K	4000K
24Vdc	○	1E3155	1E3158
24Vdc	●	1E3161	1E3164
24Vdc	●	1E3149	1E3152



Louvre



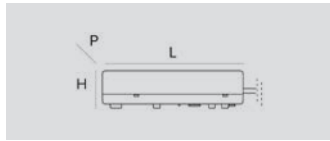
LED / 4W

		3000K		4000K	
		H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra84		49°	94°		
Fixture Power	5W	1	14.87	3.25	8
Source Flux	570lm	2	29.74	6.50	2
Fixture Flux	33lm	3	44.60	9.75	1
Efficacy	6lm/W	4	59.47	13.00	0
TS1001	I _{max} =46cd/klm	I _{max}	26cd	5	74.34 16.26 0

Power supply	Colour	3000K	4000K
24Vdc	○	1E3156	1E3159
24Vdc	●	1E3162	1E3165
24Vdc	●	1E3150	1E3153

Related codes

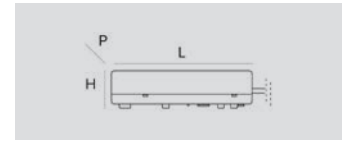
Power Supply



Code

10W - 220-240Vac, 24Vdc - 79x24,5x38mm - IP67	1E3179
50W - 220-240Vac, 24Vdc - 185x22x63,5mm - IP20	1T3726
75W - 220-240Vac, 24Vdc - 130x32x80mm - IP67	1T3586
100W - 220-240Vac, 24Vdc - 230x87x43mm - IP67	1T3587
200W - 220-240Vac, 24Vdc - 238x42x67mm - IP67	1T3588

Electronic power supply
LxHxP



Code

16W - 220-240Vac, 24Vdc - 110x22x52mm - IP20	1E2908
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DALI electronic power supply
LxHxP



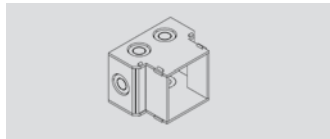
Code

1E0993

Electronic power supply max 20W, Ø98 h78, 220/240V-AC, 24V-DC, IP68.

Accessories

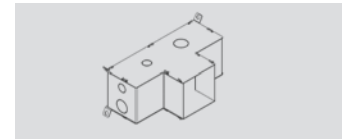
Insertion Box



Code

1E3166

Polycarbonate outer casing fitted for parallel connection with feed through-wiring.
For the fixture.
Cutout hole AxBxP=92x72x72mm.



Code

1E3180

Stainless steel outer casing fitted for parallel connection with feed through-wiring.
For fixture + driver.
Cutout hole AxBxP=166x72x87mm.

Control systems



Code

1E3049

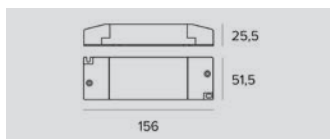
IP67 Extender for wireless control with DALI interfaces.
It generates a local DALI bus with the capacity to drive up to 64 fixtures and can control groups of fixtures in outdoor applications.
It prevents any change to the management features provided by the Casambi system.



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

1T6581

DALI/1-10V dimmer 12/24V.

Terminal Box



Code

1E3181

Terminal box with gel.

SURFACE LUMINAIRES



632 FEBO



638 Q-B0



640 STILO



652 HOCKEY

outdoor

SURFACE

LUMINAIRES

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

WFL

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
2018**

ARCHITECT
Studio Ceri

PHOTOGRAPHER
Officine Fotografiche

COUNTRY
Prato, Italy

FEBO EVO plus

01



Installed on the floor FEBO EVO

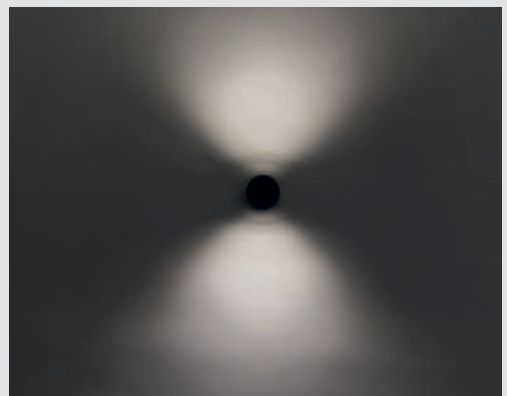
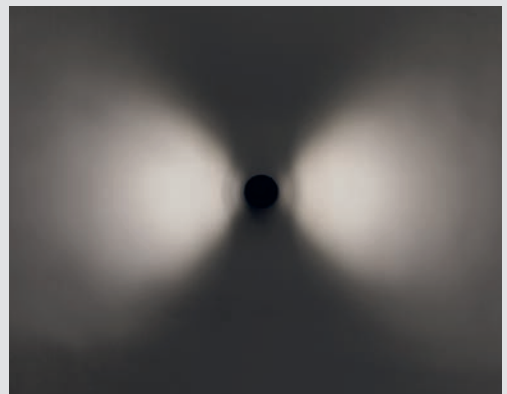
is a reliable tool with minimal visual impact capable of lighting paths in depth and breadth, or separating different areas using light. It is installed on the ground with a simple support base that is supplied.

02



It is in wall installations that FEBO EVO shows its potential the most.

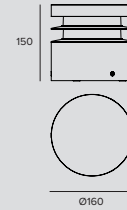
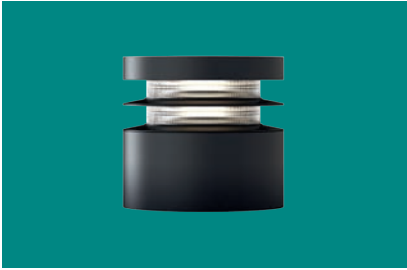
This sophisticated fixture emits a 360° blade of light without any interruptions that is capable of adhering to every surface like a second skin.



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.

FEBO EVO



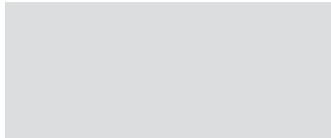
LED / 32W / WFL

	3000K	
	Ra84	
	Fixture Power 36W	
	Source Flux 4787lm	
	Fixture Flux 2585lm	
	Efficacy 72lm/W	
TS1071	Imax=218cd/klm	Imax 1042cd

Driver	2700K	3000K	4000K
EL.	1E3189EL	1E3190EL	1E3191EL
DALI	1E3189DA	1E3190DA	1E3191DA

Accessories

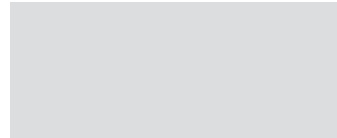
Shutter



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.

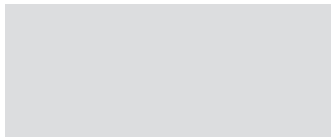
Tool



Code
1E3305

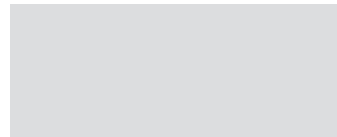
(Tightening) wrench for the connector kit.

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 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.



Q-B0

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

Unutil 84lm/W

OPTICS

Reflector Optics
BI-EMISSION – PLURI-EMISSION

POWER SUPPLY

Electronic

MATERIAL

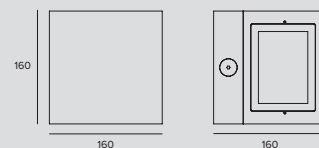
Painted die-cast anodised aluminium body.

A ceiling or wall mounted fixture for grazing light effect available in two versions , bi-emission direct/indirect or pluri-emission.

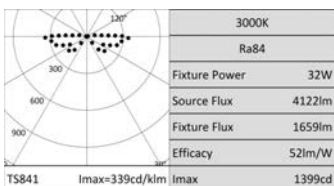
The range of accessories the fixture can be completed with make it possible to create scenographic lighting effects on the surface to be illuminated and to tailor the light beam according to specific project requirements.



Q-B0 IP67

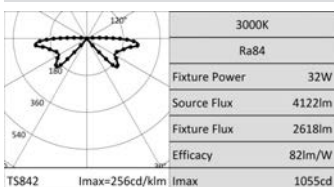


LED / 29W / BIEMISSION / VWFL ⊕ 6.5 IP67



Driver	Colour	3000K	4000K
EL.	●	1E2956	1E2957

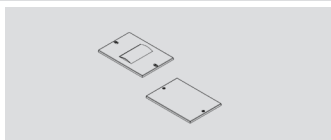
LED / 29W / PLURIEMISSION / VWFL ⊕ 6.5 IP67



Driver	Colour	3000K	4000K
EL.	●	1E2958	1E2959

Accessories

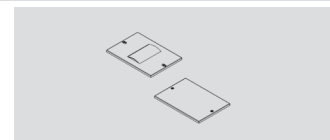
Shaper



Code

1E2953

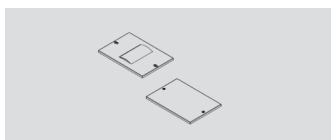
Blade of light (4/6°).
Equipped with micrometric adjustability to obtain perfect light beam direction.



Code

1E2954

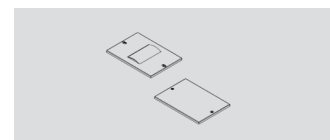
Narrow blade of light (10/12°).
Equipped with micrometric adjustability to obtain perfect light beam direction.



Code

1E2960

Louvre.
Beam width 50°.

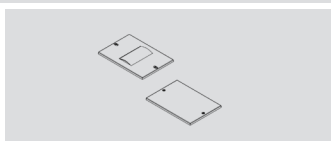


Code

1E2961

Louvre.
Beam width 30°.

Shutter



Code

1E2955

Shutter.
To be mounted outside the fixture.

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
2017

ARCHITECT
SKiP Architectural Bureau

PHOTOGRAPHER
Ilya Melikhov

COUNTRY
Moscow - Russian
Federation

STILO plus

01

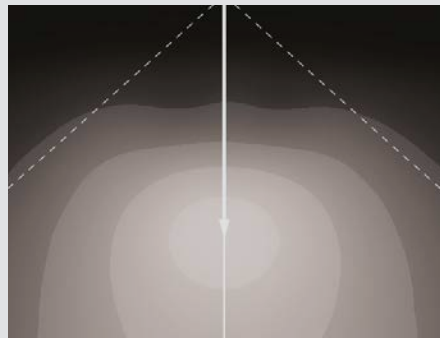


Available in two installation types:

FLAT (parallel to the wall) and STRAIGHT (perpendicular to the wall), both available in mono and bi-emission versions.

02

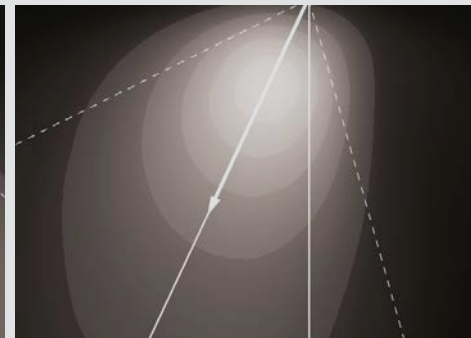
STILO is available with four different optical solutions:



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,



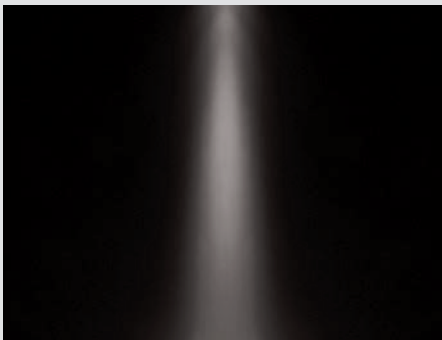
Asymmetric emission

Installed for indirect emission to light arches and direct emission for pedestrian areas.

The ceiling mounted version can also be used to light walls.

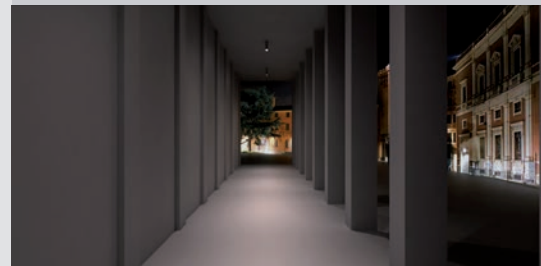
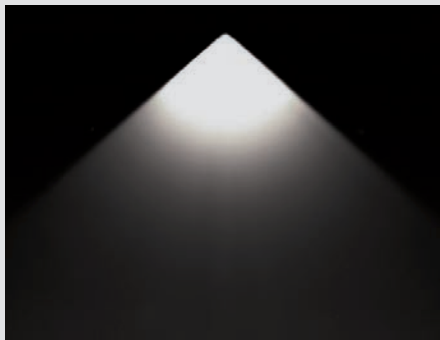
Superspot emission

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°.



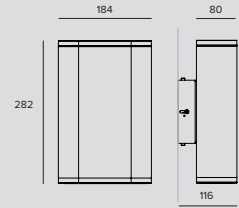
The ceiling mounted version

are ideal to light porticos, the different optics make it possible to light pedestrian areas or vertical walls.

STILO



Wall Flat



LED / 1x8W / NSP / MONO-EMISSION



	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	12W	1	0.16	13011
Source Flux	650lm	2	0.32	3253
Fixture Flux	544lm	3	0.48	1446
Efficacy	47lm/W	4	0.64	813
TS791	Imax=20017cd/klm	Imax	13011cd	520

Driver	Colour	3000K	4000K
EL.		1E2547	
EL.		1E2556	1E2881

LED / 1x11W / EFFECT / MONO-EMISSION

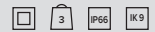


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			68°	95°	
Fixture Power	15W	1	1.36	2.19	189
Source Flux	600lm	2	2.72	4.39	47
Fixture Flux	292lm	3	4.08	6.58	21
Efficacy	20lm/W	4	5.44	8.78	12
TS788	Imax=315cd/klm	Imax	189cd	520	8

Driver	Colour	3000K	4000K
EL.		1E2882	1E2883

The fixture comes equipped with a 90° beam aperture.
The beam can be shaped using shutter accessories.

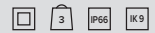
LED / 2x8W / NSP-NSP / BI-EMISSION



	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	20W	1	0.16	13011
Source Flux	1300lm	2	0.32	3253
Fixture Flux	1087lm	3	0.48	1446
Efficacy	54lm/W	4	0.64	813
TS824	Imax=10009cd/klm	Imax	13011cd	520

Driver	Colour	3000K	4000K
EL.		1E2551	
EL.		1E2560	1E2887

LED / 2x11W / EFFECT-EFFECT / BI-EMISSION



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			68°	95°	
Fixture Power	27W	1	1.36	2.19	189
Source Flux	1200lm	2	2.72	4.39	47
Fixture Flux	584lm	3	4.08	6.58	21
Efficacy	22lm/W	4	5.44	8.78	12
TS814	Imax=157cd/klm	Imax	189cd	520	8

Driver	Colour	3000K	4000K
EL.		1E2888	1E2889

The fixture comes equipped with a 90° beam aperture.
The beam can be shaped using shutter accessories.

LED / 1x21W / ASYM / MONO-EMISSION



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra84			61°	86°	
Fixture Power	23W	1	1.51	1.98	1356
Source Flux	3187lm	2	3.01	3.96	339
Fixture Flux	2304lm	3	4.52	5.94	151
Efficacy	100lm/W	4	6.02	7.92	85
TS787	Imax=464cd/klm	Imax	1480cd	520	54

Driver	Colour	3000K	4000K
EL.		1E2543	
EL.		1E2552	1E2877

STILO

LED / 1x21W / ELLIPTICAL / MONO-EMISSION



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			42°	79°			
Fixture Power	23W	1	0.76	1.66	2266		
Source Flux	3187lm	2	1.52	3.31	567		
Fixture Flux	2530lm	3	2.28	4.97	252		
Efficacy	110lm/W	4	3.04	6.62	142		
TS786	I _{max} =711cd/klm	I _{max}	2266cd	5	3.80	8.28	91

Driver	Colour	3000K	4000K
EL.		1E2545	
EL.		1E2554	1E2879

LED / 1x33W / ASYM / MONO-EMISSION



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			61°	86°			
Fixture Power	36W	1	1.51	1.98	1860		
Source Flux	4373lm	2	3.01	3.96	465		
Fixture Flux	3162lm	3	4.52	5.94	207		
Efficacy	89lm/W	4	6.02	7.92	116		
TS787	I _{max} =464cd/klm	I _{max}	2031cd	5	7.53	9.89	74

Driver	Colour	3000K	4000K
EL.		1E2544	
EL.		1E2553	1E2878

LED / 1x33W / ELLIPTICAL / MONO-EMISSION



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			42°	79°			
Fixture Power	36W	1	0.76	1.66	3110		
Source Flux	4373lm	2	1.52	3.31	777		
Fixture Flux	3471lm	3	2.28	4.97	346		
Efficacy	97lm/W	4	3.04	6.62	194		
TS786	I _{max} =711cd/klm	I _{max}	3110cd	5	3.80	8.28	124

Driver	Colour	3000K	4000K
EL.		1E2546	
EL.		1E2555	1E2880

LED / 2x21W / ASYM-ASYM / BI-EMISSION



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			61°	86°			
Fixture Power	46W	1	1.51	1.98	1356		
Source Flux	6375lm	2	3.01	3.96	339		
Fixture Flux	4609lm	3	4.52	5.94	151		
Efficacy	100lm/W	4	6.02	7.92	85		
TS830	I _{max} =232cd/klm	I _{max}	1480cd	5	7.53	9.89	54

Driver	Colour	3000K	4000K
EL.		1E2548	
EL.		1E2557	1E2884

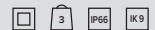
LED / 2x21W / ELLIPTICAL-ELLIPTICAL / BI-EMISSION



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			42°	79°			
Fixture Power	46W	1	0.76	1.66	2267		
Source Flux	6375lm	2	1.52	3.31	567		
Fixture Flux	5060lm	3	2.28	4.97	252		
Efficacy	109lm/W	4	3.04	6.62	142		
TS829	I _{max} =356cd/klm	I _{max}	2267cd	5	3.80	8.28	91

Driver	Colour	3000K	4000K
EL.		1E2549	
EL.		1E2558	1E2885

LED / 2x21W / ELLIPTICAL-ASYM / BI-EMISSION



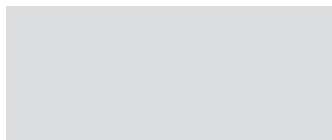
		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra84			42°	79°			
Fixture Power	46W	1	0.76	1.66	2267		
Source Flux	6375lm	2	1.52	3.31	567		
Fixture Flux	4835lm	3	2.28	4.97	252		
Efficacy	104lm/W	4	3.04	6.62	142		
TS831	I _{max} =356cd/klm	I _{max}	2267cd	5	3.80	8.28	91

Driver	Colour	3000K	4000K
EL.		1E2550	
EL.		1E2559	1E2886

STILO

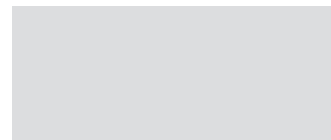
Accessories



Filter



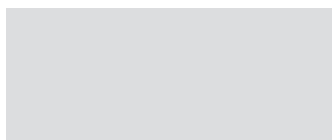
Filter	Code
Red	1E3035
Green	1E3036
Blue	1E3037
Yellow	1E3038
Magenta	1E3039



Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).
NSP, EFFECT, ASYM, ELLIPTICAL



Colour	Code
	1E2576
	1E2575

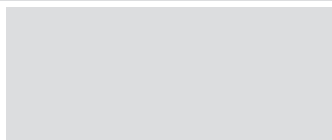
Blade of light filter.
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.
NSP



Colour	Code
	1E2578
	1E2577

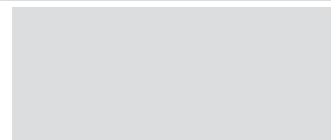
Anti-glare.
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.
NSP, ASYM, ELLIPTICAL

Shaper



Colour	Code
	1E2901

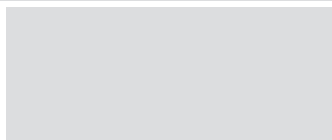
30° shutter.
Powder coated stainless steel plate (ferrite).
EFFECT





Colour	Code
	1E2902

Blade effect shutter.
PMMA plano convex cylindrical lens and powder coated stainless steel plate (ferrite).
EFFECT

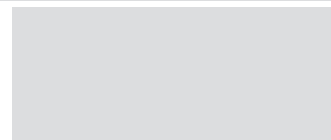
RAY Shade



Colour	Code
	1E2580
	1E2579

Asymmetric screen.
Powder coated stainless steel.
NSP, EFFECT, ELLIPTICAL

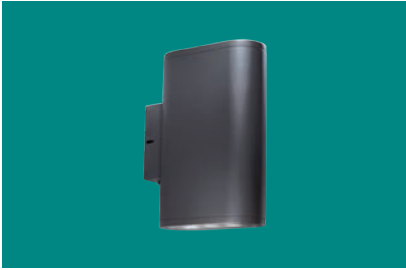
Mounting System



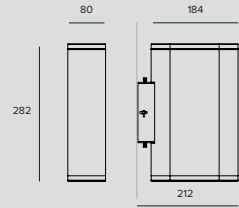
Code
1E2906

Pole bracket.
Powder coated stainless steel.
NSP, ASYM, ELLIPTICAL

STILO



Wall Straight



LED / 1x8W / NSP / MONO-EMISSION



	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	12W	1	0.16	13011
Source Flux	650lm	2	0.32	3253
Fixture Flux	544lm	3	0.48	1446
Efficacy	47lm/W	4	0.64	813
TS791	Imax=20017cd/klm	Imax	13011cd	5 0.80 520

Driver	Colour	3000K	4000K
EL.	●	1E2894	1E2895

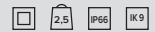
LED / 1x21W / ELLIPTICAL / MONO-EMISSION



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra84			42°	79°	
Fixture Power	23W	1	0.76	1.66	2266
Source Flux	3187lm	2	1.52	3.31	567
Fixture Flux	2530lm	3	2.28	4.97	252
Efficacy	110lm/W	4	3.04	6.62	142
TS786	Imax=711cd/klm	Imax	2266cd	5 3.80 8.28 91	

Driver	Colour	3000K	4000K
EL.	●	1E2890	1E2891

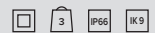
LED / 1x33W / ELLIPTICAL / MONO-EMISSION



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra84			42°	79°	
Fixture Power	36W	1	0.76	1.66	3110
Source Flux	4373lm	2	1.52	3.31	777
Fixture Flux	3471lm	3	2.28	4.97	346
Efficacy	97lm/W	4	3.04	6.62	194
TS786	Imax=711cd/klm	Imax	3110cd	5 3.80 8.28 124	

Driver	Colour	3000K	4000K
EL.	●	1E2892	1E2893

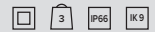
LED / 2x8W / NSP-NSP / BI-EMISSION



	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	20W	1	0.16	13011
Source Flux	1300lm	2	0.32	3253
Fixture Flux	1087lm	3	0.48	1446
Efficacy	54lm/W	4	0.64	813
TS824	Imax=10009cd/klm	Imax	13011cd	5 0.80 520

Driver	Colour	3000K	4000K
EL.	●	1E2898	1E2899

LED / 2x21W / ELLIPTICAL-ELLIPTICAL / BI-EMISSION



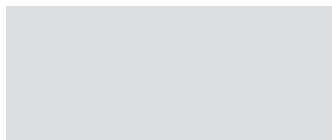
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra84			42°	79°	
Fixture Power	46W	1	0.76	1.66	2267
Source Flux	6375lm	2	1.52	3.31	567
Fixture Flux	5060lm	3	2.28	4.97	252
Efficacy	109lm/W	4	3.04	6.62	142
TS829	Imax=356cd/klm	Imax	2267cd	5 3.80 8.28 91	

Driver	Colour	3000K	4000K
EL.	●	1E2896	1E2897

STILO

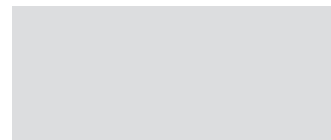
Accessories

Filter



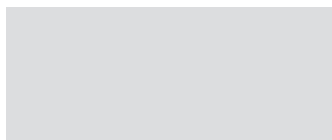
Filter	Code
Red	1E3035
Green	1E3036
Blue	1E3037
Yellow	1E3038
Magenta	1E3039

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).
NSP, ELLIPTICAL



Colour	Code
	1E2576

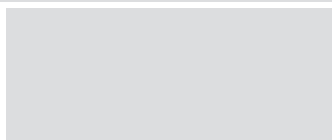
Blade of light filter.
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.
NSP



Colour	Code
	1E2578

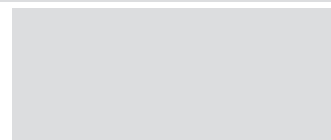
Anti-glare.
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.
NSP, ELLIPTICAL

Mounting System



Code
1E2906

Pole bracket.
Powder coated stainless steel.
NSP, ELLIPTICAL



Code
1E2907

Bracket for corner installation.
Powder coated stainless steel.
NSP, ELLIPTICAL



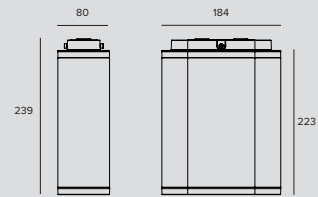
Code
1E2900

Bracket for edge installation.
Powder coated stainless steel.
NSP, ELLIPTICAL

STILO



Ceiling



LED / 8W / NSP □ 2.5 IP66 IK9

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra80		9°	
Fixture Power	12W	1	0.16	13011
Source Flux	650lm	2	0.32	3253
Fixture Flux	544lm	3	0.48	1446
Efficacy	47lm/W	4	0.64	813
TS791	I _{max} =20017cd/klm	I _{max}	13011cd	520

Driver	Colour	3000K	4000K
EL.	●	1E2875	1E2876

LED / 21W / ASYM □ 2.5 IP66 IK9

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		61°	86°			
Fixture Power	23W	1	1.51	1.98	1356		
Source Flux	3187lm	2	3.01	3.96	339		
Fixture Flux	2304lm	3	4.52	5.94	151		
Efficacy	100lm/W	4	6.02	7.92	85		
TS787	I _{max} =464cd/klm	I _{max}	1480cd	5	7.53	9.89	54

Driver	Colour	3000K	4000K
EL.	●	1E2871	1E2872

LED / 21W / ELLIPTICAL □ 2.5 IP66 IK9

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		42°	79°			
Fixture Power	23W	1	0.76	1.66	2266		
Source Flux	3187lm	2	1.52	3.31	567		
Fixture Flux	2530lm	3	2.28	4.97	252		
Efficacy	110lm/W	4	3.04	6.62	142		
TS786	I _{max} =711cd/klm	I _{max}	2266cd	5	3.80	8.28	91

Driver	Colour	3000K	4000K
EL.	●	1E2867	1E2868

LED / 33W / ASYM □ 2.5 IP66 IK9

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		61°	86°			
Fixture Power	36W	1	1.51	1.98	1860		
Source Flux	4373lm	2	3.01	3.96	465		
Fixture Flux	3162lm	3	4.52	5.94	207		
Efficacy	89lm/W	4	6.02	7.92	116		
TS787	I _{max} =464cd/klm	I _{max}	2031cd	5	7.53	9.89	74

Driver	Colour	3000K	4000K
EL.	●	1E2873	1E2874

LED / 33W / ELLIPTICAL □ 2.5 IP66 IK9

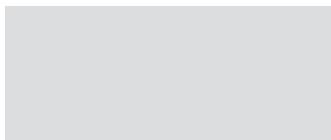
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84		42°	79°			
Fixture Power	36W	1	0.76	1.66	3110		
Source Flux	4373lm	2	1.52	3.31	777		
Fixture Flux	3471lm	3	2.28	4.97	346		
Efficacy	97lm/W	4	3.04	6.62	194		
TS786	I _{max} =711cd/klm	I _{max}	3110cd	5	3.80	8.28	124

Driver	Colour	3000K	4000K
EL.	●	1E2869	1E2870

STILO

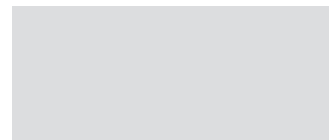
Accessories

Filter



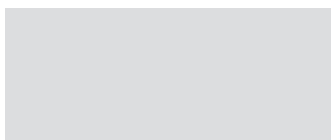
Filter	Code
Red	1E3035
Green	1E3036
Blue	1E3037
Yellow	1E3038
Magenta	1E3039

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).
NSP, ASYM, ELLIPTICAL



Colour	Code
●	1E2576

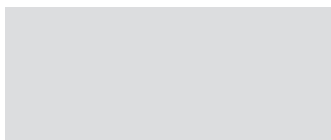
Blade of light filter.
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.
NSP



Colour	Code
●	1E2578

Anti-glare.
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.
NSP, ASYM, ELLIPTICAL

RAY Shade



Colour	Code
●	1E2580

Asymmetric screen.
Powder coated stainless steel.
NSP, ASYM, ELLIPTICAL



ARMA
2017

ARCHITECT
SKiP Architectural Bureau

PHOTOGRAPHER
Ilya Melikhov

COUNTRY
Moscow - Russian
Federation

HOCKEY

GENERAL INFO

Applique, ceiling mounted
Ø179mm

LED

LED board.
From 1533lm to 1632lm
3000K – 4000K
Ra84

PRODUCT EFFICACY

Unifit 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.

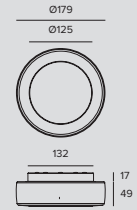
In the wall mounted version the cast aluminium bracket echoes the fixture's rounded shape becoming part of its design.



HOCKEY



Ceiling



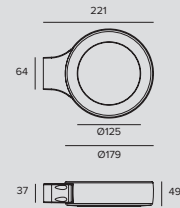
LED / 13W / VWFL ⊕ 1.8 IP65 0.5m

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			84°			
Fixture Power	15W	1	1.80	839		
Source Flux	1533lm	2	3.60	210		
Fixture Flux	1533lm	3	5.40	93		
Efficacy	102lm/W	4	7.20	52		
EV328	Imax=548cd/klm	Imax	840cd	5	9.00	34

Driver	Colour	3000K	4000K
EL.	●	1E2911	1E2912



Wall



LED / 13W / VWFL ⊕ 1.9 IP65 0.5m

	3000K	H(m)	D(m)	Emax(lx)		
Ra84			84°			
Fixture Power	15W	1	1.80	839		
Source Flux	1533lm	2	3.60	210		
Fixture Flux	1533lm	3	5.40	93		
Efficacy	102lm/W	4	7.20	52		
EV328	Imax=548cd/klm	Imax	840cd	5	9.00	34

Driver	Colour	3000K	4000K
EL.	●	1E2909	1E2910

BOLLARDS



656 MR. BO



662 CHIODINO



666 STILO

outdoor

BOLLARDS

MR . B0

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.

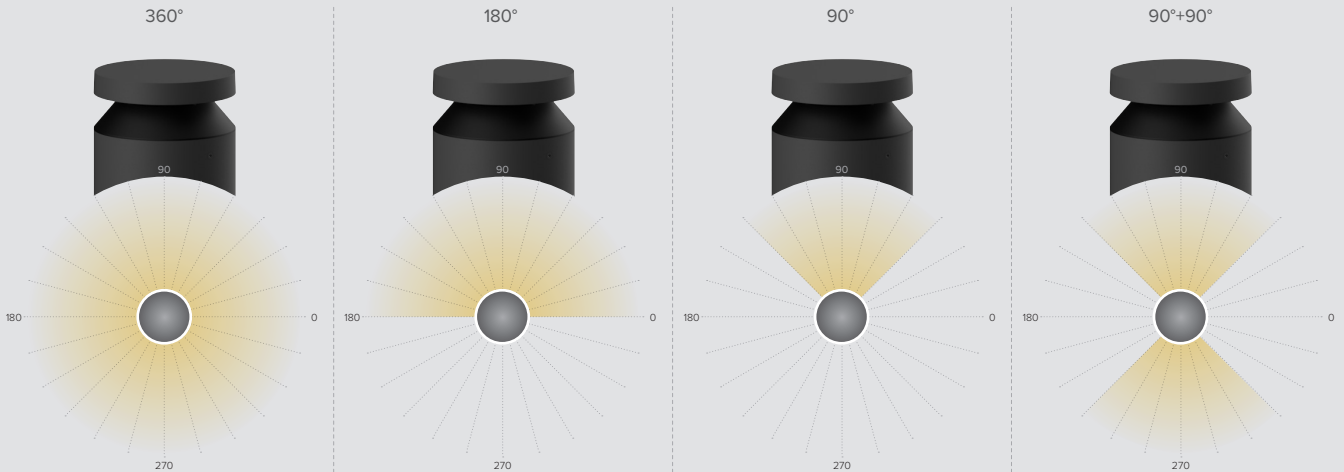
The highly controlled radial emission avoids
any risk of glare while still ensuring deep
lighting in pedestrian areas.





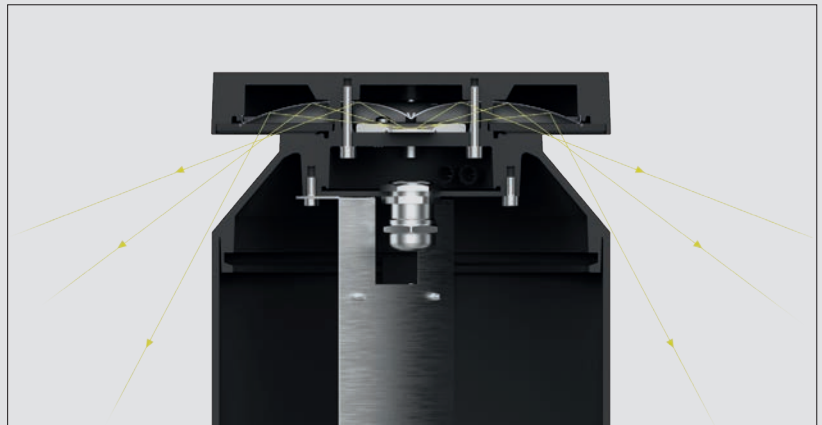
MR.B0 plus

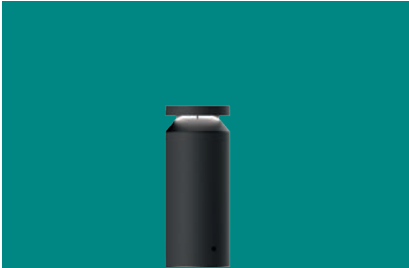
01



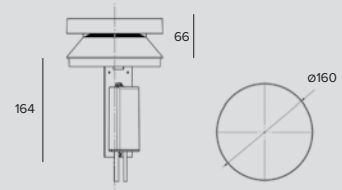
The fixture is made of three different elements

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° IK10 □ 1,4 IP66

	3000K	
	Ra84	
	Fixture Power 9W	
	Source Flux 1488lm	
	Fixture Flux 223lm	
	Efficacy 26lm/W	
TS1120	Imax=165cd/klm	Imax 246cd

Driver	Colour	2700K	3000K	4000K
EL.	●	1E3428EL	1E3429EL	1E3430EL
DALI	●	1E3428DA	1E3429DA	1E3430DA

LED / 12W / 90°+90° IK10 □ 1,4 IP66

	3000K	
	Ra84	
	Fixture Power 14W	
	Source Flux 2034lm	
	Fixture Flux 456lm	
	Efficacy 34lm/W	
TS1121	Imax=122cd/klm	Imax 247cd

Driver	Colour	2700K	3000K	4000K
EL.	●	1E3431EL	1E3432EL	1E3433EL
DALI	●	1E3431DA	1E3432DA	1E3433DA

LED / 12W / 180° IK10 □ 1,4 IP66

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra84		43°	90°		
	Fixture Power 14W	1	3.07	13.22	76	
	Source Flux 2034lm	2	6.14	26.45	19	
	Fixture Flux 454lm	3	9.21	39.67	8	
	Efficacy 34lm/W	4	12.28	52.89	5	
TS1119	Imax=146cd/klm	Imax 297cd	5	15.35	66.11	3

Driver	Colour	2700K	3000K	4000K
EL.	●	1E3425EL	1E3426EL	1E3427EL
DALI	●	1E3425DA	1E3426DA	1E3427DA

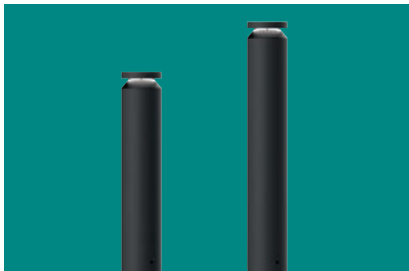
LED / 17W / 360° IK10 □ 1,4 IP66

	3000K	H(m)	D(m)	Emax(lx)	
	Ra84		41°		
	Fixture Power 18W	1	2.98	79	
	Source Flux 2783lm	2	5.95	20	
	Fixture Flux 910lm	3	8.93	9	
	Efficacy 50lm/W	4	11.91	5	
TS1118	Imax=100cd/klm	Imax 278cd	5	14.88	3

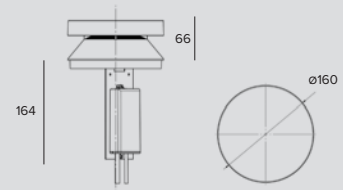
Driver	Colour	2700K	3000K	4000K
EL.	●	1E3422EL	1E3423EL	1E3424EL
DALI	●	1E3422DA	1E3423DA	1E3424DA

The optical head must be completed with a pole and a mounting system available from the completion codes.

MR . BO



Optic head for bollard H. 734/934mm



LED / 12W / 90°		IK10 □ 1,4 IP66				
	3000K	Driver	Colour	2700K	3000K	4000K
	Ra84	EL.	●	1E3416EL	1E3417EL	1E3418EL
	Fixture Power 14W	DALI	●	1E3416DA	1E3417DA	1E3418DA
	Source Flux 2034lm					
	Fixture Flux 305lm					
	Efficacy 23lm/W					
TS1120	Imax=165cd/klm	Imax				

LED / 17W / 90°+90°		IK10 □ 1,4 IP66				
	3000K	Driver	Colour	2700K	3000K	4000K
	Ra84	EL.	●	1E3419EL	1E3420EL	1E3421EL
	Fixture Power 18W	DALI	●	1E3419DA	1E3420DA	1E3421DA
	Source Flux 2783lm					
	Fixture Flux 623lm					
	Efficacy 34lm/W					
TS1121	Imax=122cd/klm	Imax				

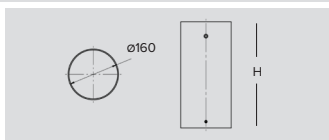
LED / 17W / 180°		IK10 □ 1,4 IP66					
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra84	43°	90°				
	Fixture Power 18W	1	3.07	13.22	104		
	Source Flux 2783lm	2	6.14	26.45	26		
	Fixture Flux 621lm	3	9.21	39.67	12		
	Efficacy 34lm/W	4	12.28	52.89	6		
TS1119	Imax=146cd/klm	Imax	407cd	5	15.35	66.11	4

LED / 24W / 360°		IK10 □ 1,4 IP66				
	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra84	41°				
	Fixture Power 26W	1	2.98	106		
	Source Flux 3723lm	2	5.95	26		
	Fixture Flux 1217lm	3	8.93	12		
	Efficacy 47lm/W	4	11.91	7		
TS1118	Imax=100cd/klm	Imax	372cd	5	14.88	4

The optical head must be completed with a pole and a mounting system available from the completion codes.

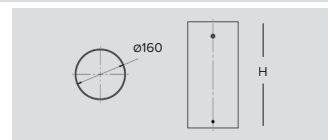
Related codes

Bollard



Kg	H	Colour	Code
1.34	334	●	1E3434

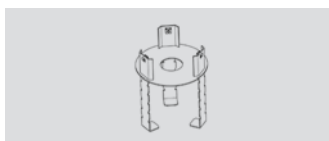
Powder coated anodised aluminium pole.



Kg	H	Colour	Code
2.95	734	●	1E3435
3.8	934	●	1E3436

Powder coated anodised aluminium pole.

Mounting System

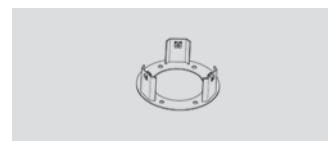


Code

Plate with fixing rods for installation in concrete.

1E3449

AISI 316 stainless steel.



Code

Plate for surface installation.

1E3448

AISI 316 stainless steel compatible with dowels to be inserted into holes with 8.5 mm diameter.

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 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.

CHIODINO

GENERAL INFO

Radial-emission bollard.
Ø196mm
H 890mm

LED

Chip on board
From 2551lm to 2615lm
3000K – 4000K
Ra84

PRODUCT EFFICACY

Unifit 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.

CHIODINO is the 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.



CHIODINO plus

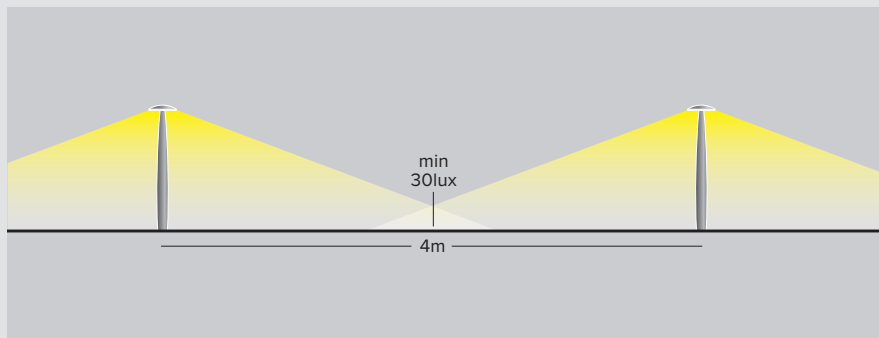
01



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.

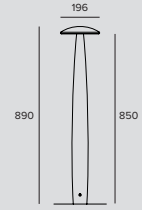
02



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.

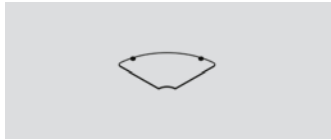
CHIODINO



LED / 17W									
	3000K	H(m)	D(m)	Emax(lx)		Driver	Colour	3000K	4000K
	Ra84		66°			EL.		1E2967	1E2968
	Fixture Power	19W	1	2.70	210				
	Source Flux	2551lm	2	5.40	52				
	Fixture Flux	1310lm	3	8.11	23				
	Efficacy	68lm/W	4	10.81	13				
TS673	Imax=144cd/klm	Imax	367cd	5	13.51	8			

Accessories

Shutter



Code

1E2970

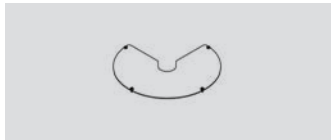
Shutter 90°.
Emission 2x90° or 270°



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

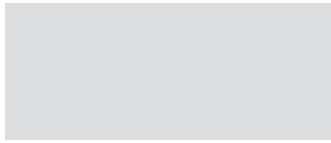


Code

1E2995

Features TORX HEAD, TX 30.

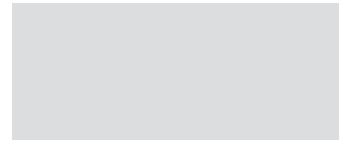
Connector



Code

1E2493

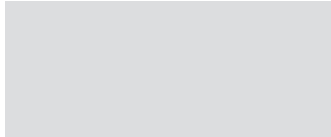
Connector for coaxial connection.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.
IP68



Code

1E2494

Connector for coaxial connection.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 8 to 12mm.
IP68



Code

1E3400

Connection kit for looping between fixtures.
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

Unifit 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.





RAISED



PATH



The bollard versions are available in two different types:

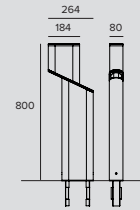
The PATH version is ideal for lighting paths with its particular “size” that hides the optical system, shielding the source to obtain a well, distributed effect on pedestrian paths without the risk of glare.

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



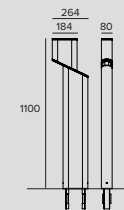
Path H. 800mm



LED / 12W / ASYM					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																																																	
		3000K			4000K																																																	
		Driver	Colour	3000K	4000K																																																	
<table border="1"> <thead> <tr> <th></th> <th>H(m)</th> <th>D1(m)</th> <th>D2(m)</th> <th>E_{max}(lx)</th> </tr> </thead> <tbody> <tr> <td>3000K</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ra84</td> <td></td> <td>93°</td> <td>53°</td> <td></td> </tr> <tr> <td>Fixture Power</td> <td>14W</td> <td>1</td> <td>2.10</td> <td>1.17</td> <td>754</td> </tr> <tr> <td>Source Flux</td> <td>1960lm</td> <td>2</td> <td>4.20</td> <td>2.33</td> <td>188</td> </tr> <tr> <td>Fixture Flux</td> <td>1108lm</td> <td>3</td> <td>6.30</td> <td>3.50</td> <td>84</td> </tr> <tr> <td>Efficacy</td> <td>82lm/W</td> <td>4</td> <td>8.40</td> <td>4.66</td> <td>47</td> </tr> <tr> <td>TS812</td> <td>I_{max}=396cd/klm</td> <td>5</td> <td>10.50</td> <td>5.83</td> <td>30</td> </tr> </tbody> </table>			H(m)	D1(m)	D2(m)	E _{max} (lx)	3000K					Ra84		93°	53°		Fixture Power	14W	1	2.10	1.17	754	Source Flux	1960lm	2	4.20	2.33	188	Fixture Flux	1108lm	3	6.30	3.50	84	Efficacy	82lm/W	4	8.40	4.66	47	TS812	I _{max} =396cd/klm	5	10.50	5.83	30	EL.	●	1E2863	1E2864				
	H(m)	D1(m)	D2(m)	E _{max} (lx)																																																		
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Efficacy	82lm/W	4	8.40	4.66	47																																																	
TS812	I _{max} =396cd/klm	5	10.50	5.83	30																																																	



Path H. 1100mm



LED / 21W / ASYM					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																																																	
		3000K			4000K																																																	
		Driver	Colour	3000K	4000K																																																	
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	H(m)	D1(m)	D2(m)	E _{max} (lx)																																																		
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Efficacy	78lm/W	4	8.40	4.66	77																																																	
TS812	I _{max} =396cd/klm	5	10.50	5.83	49																																																	

Accessories

Mounting System

Colour	Code
●	1E2564

Plate for surface installation.

Tool

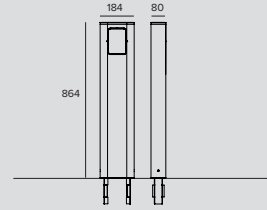
Code
1E3185

T20 Torx insert.

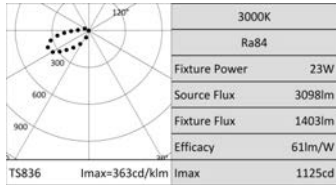
STILO



Raised

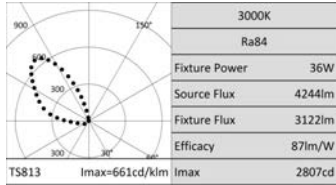


LED / 21W / FLOOR WASHER



Driver	Colour	3000K	4000K
EL.		1E2539	
EL.		1E2540	1E2865

LED / 33W / WALL WASHER



Driver	Colour	3000K	4000K
EL.		1E2541	
EL.		1E2542	1E2866

Accessories

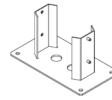
Filter



Filter	Code
Red	1E3040
Green	1E3041
Blue	1E3042
Yellow	1E3043
Magenta	1E3044

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).

Mounting System



Colour	Code
	1E2564
	1E2563

Plate for surface installation.

Tool



Code
1E3185

T20 Torx insert.



673 CONTROL SYSTEM



678 PROGRAMMING SYSTEM



680 LMS

CONTROL SYSTEMS

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:

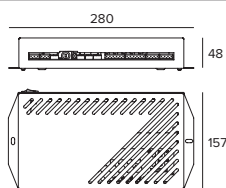
- 8 static colour scenarios;
- 8 dynamic colour sequences;
- 5 different playback speed values;
- Start/Stop of the selected scenario through a remote switch.

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

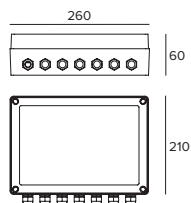
SECS 75



75W output

1T1827

SECS 75



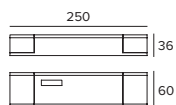
75W output

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



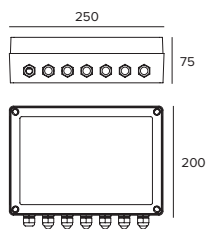
35W output

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

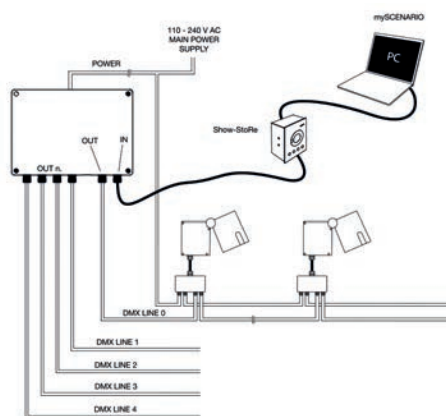
ELECTRICAL AND TECHNICAL FEATURES

- 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.

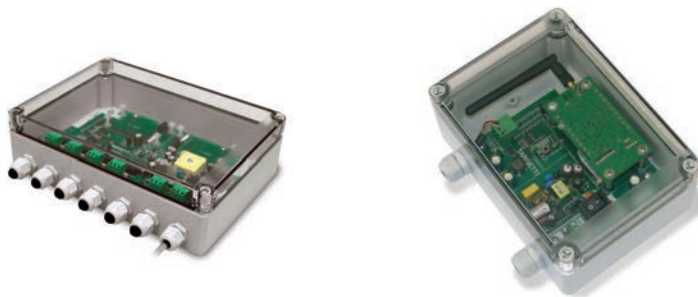
FEEDING CABLE

6-pole cable for driver output connection to Constant Current LEDs	1E1713
Multifunction cable for outdoor use (DMX + power supply)	1E1715
Standard DMX cable (1 twisted pair + shield, 120Ohm)	1T1932

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

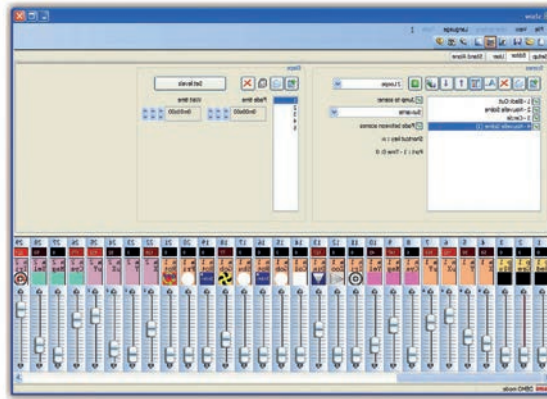
This device receives a DMX-IN signal via cable. It can be installed at any point in a DMX line and from that point on it transmits the signal via radio. For example, connecting the device directly to the output of any DMX512 controller transforms it into a wireless controller. Not RDM compatible.

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.

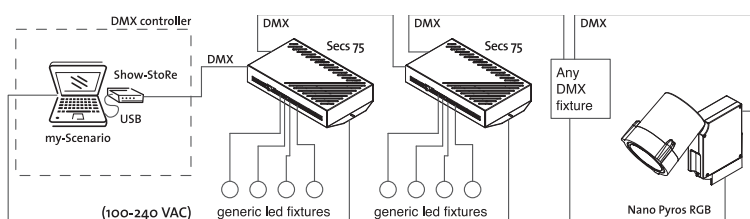
mySCENARIO SHOW STORE

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.

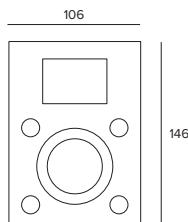
Stand alone function or connected to a computer using a USB port.

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

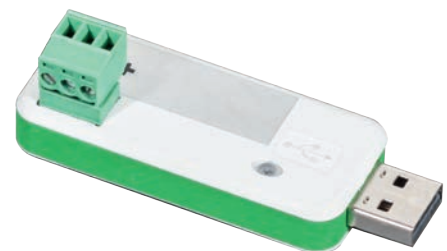
- 6 Vdc power supply
- 4W output
- SD memory card
- DMX 2x 512 channels
- Windows 32/64 bit operating system
- Dimensions 146 x 106 x 11 mm

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.

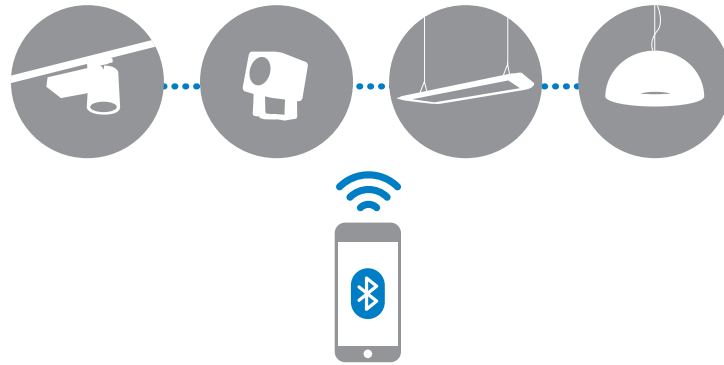
To be used with all RGBW products.



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.

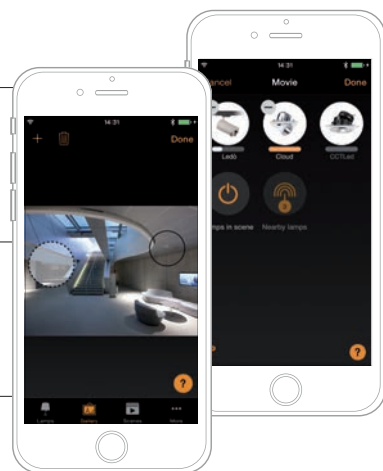
4. Colour temperature control: scroll up or down for getting respectively warmer or colder colour temperatures.

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.

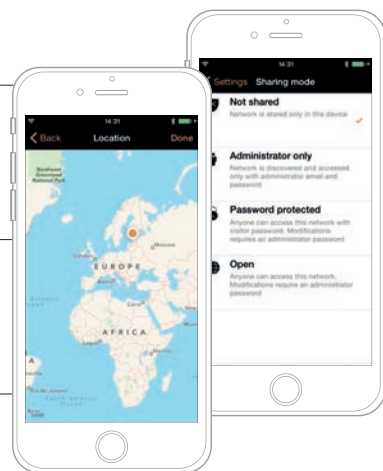
9. Configure sequences (dynamic scenes or sequences of different scenes).

10. Timer Function: set fade times between scenes and sequences and programme date and duration.

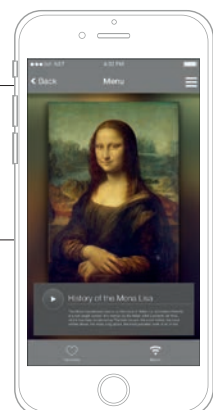


11. Geolocation: by activating this tool it is possible to programme on and off functions that can be automatically associated to sunrise and sunset irrespective of the period of the year (astronomical watch).

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 842 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 996)

Control module IP20



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. 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.

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

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	
ARC 50	Halogen version + dimmable driver TRIAC/IGBT max 50W		●				03
BEBOP RECESSED	DALI Version	●		●			01 - 04
BOTTONE	LED module 230Vac max 150W		●				03
BRAQUE	LED module 230Vac max 150W		●				03
	Rectangular suspension			●			04
CARTESIO	Square suspension DALI Version	●		●			01 - 04
	Square ceiling	●		●			01 - 04
CCT FLASH LED	DALI Version	●		●			01 - 04
CCTLED ARCHITECTURAL	DALI Version	●		●			01 - 04
CCTLED ARCHITECTURAL MICRO	With DALI driver	●		●			01 - 04
CCTLED ARCHITECTURAL MINI	DALI Version	●		●			01 - 04
CCTLED DOWNLIGHT	DALI Version	●		●			01 - 04
CCTLED DOWNLIGHT MICRO	With DALI driver	●		●			01 - 04
CCTLED DOWNLIGHT MINI	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 PENDANT	DALI Version	●		●			01 - 04
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
FLOOD	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
JEDI	DALI Version				●	●	05 - 06
JUPITER	With DALI controller				●	●	05 - 06
LED BELT IP20	With DALI controller	●		●			02 - 04
LED BELT IP68	With DALI controller				●	●	05 - 06
LOGICO	DALI Version *For fixture with 1 driver	●*		●			01 - 04
MONETA	LED module 230Vac max 150W		●				03
OSIRIDE LED	Version with LED module 230Vac max 150W		●				03
PANTHEON	LED module 230Vac max 150W		●				03
PROFESSIONAL LED	Version with LED module 230Vac max 150W		●				03
Q-BO	Halogen version - constant voltage max 150W		●				03

ACCESSORIES



PRODUCT	VARIANT	1T5349	1T5351	1T5352	1E3048	1E3049	DIAGRAMS
		CONTROL MODULE IP20	TRAILING EDGE DIMMER IP20	EXTENDER IP20	CONTROL MODULE IP67	EXTENDER IP67	
QUADRO	Halogen version + dimmable driver TRIAC/IGBT max 50W		●				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 IP54	With DALI driver	●		●			01 - 04
VOLTA IP66	With DALI driver				●	●	05 - 06
ZEDGE	With DALI controller				●	●	05 - 06
ZENO APPLIQUE	DALI Version	●		●			01 - 04
WASABI	LED module 230Vac max 150W		●				03

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	
FEBO EVO	DALI Version				●	●	05 - 06
FORTYEIGHT - LABEL 48V	DALI Version	●		●			01 - 04
FORTYEIGHT - LOGICO 30	DALI Version	●		●			01 - 04
LABEL 230V	DALI Version	●		●			01 - 04
JEDI COMPACT IP40	DALI Version	●		●			01 - 04
JEDI COMPACT IP67	DALI Version				●	●	05 - 06
MR. BO	DALI Version				●	●	05 - 06
ZEDGE LINE	DALI Version				●	●	05 - 06
ZEDGE PRO	DALI Version				●	●	05 - 06
ZENO SMALL	DALI Version	●		●			01 - 04

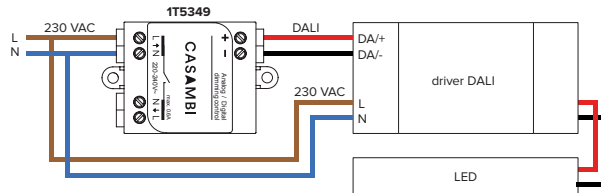
TARGETTI CASAMBI ACCESSORIES

WIRING DIAGRAMS

01

Single DALI control IP20

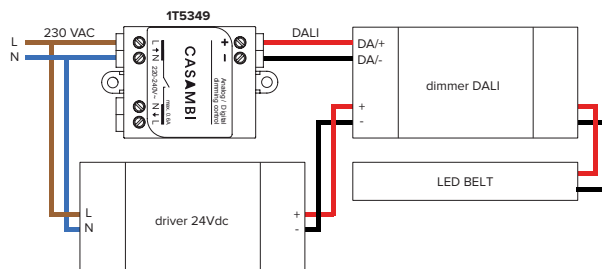
1T5349



02

LED BELT control IP20

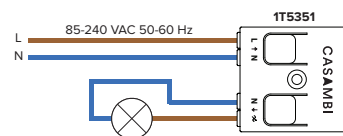
1T5349



03

Single Trailing Edge control for LED 230 V-AC Modules, dimmable LED sources and halogen lamps - 12V and mains voltage (IP20)

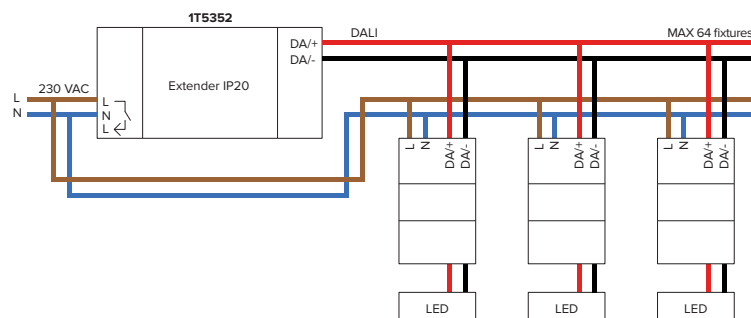
1T5351



04

DALI multiple control IP20

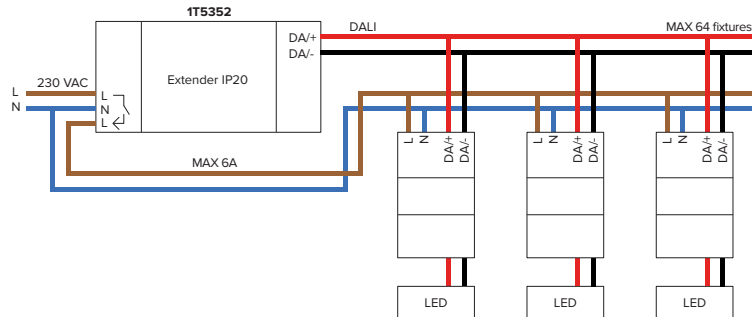
1T5352



04

DALI multiple control with relay IP20

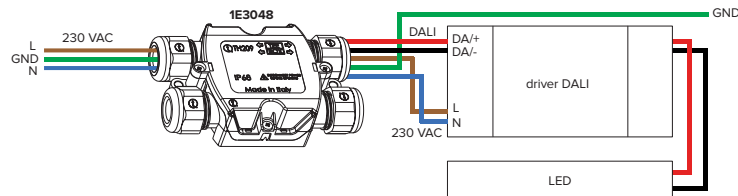
1T5352



05

DALI single control IP67

1E3048



06

DALI multiple control IP67

1E3049

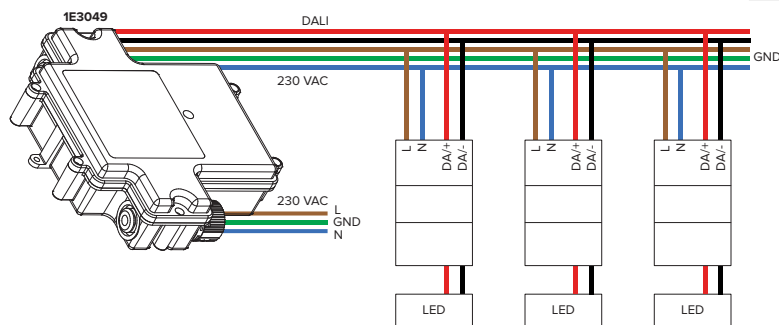
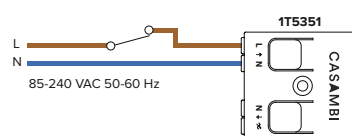
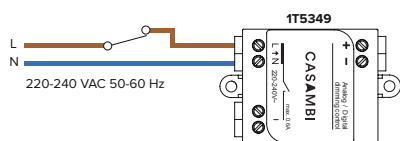
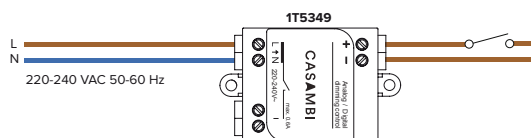


Diagram for use with wall mounted push button

normally closed



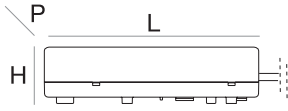
normally open





TECHNICAL DATA

POWER SUPPLY



ELECTRONIC BALLAST/POWER SUPPLY FOR LED SOURCE

Power	LxHxP	Power supply	Output current	Output voltage	Dimming	Protection	
max 10W	Ø 105 H 74	110-240V	350mA			IP68	1E0991
max 20W	Ø 98 H 78	220-240V		24V-DC		IP68	1E0993
17W	Ø 105 H 74	220-240V	700 mA				1E1385
12W	Ø 105 H 74	110-120V	700 mA				1E1385
70W	225x51x65	220-240V		48V-DC		IP67	1E2320
150W	225x51x65	220-240V		48V-DC		IP67	1E2321
480W	227x100x125	220-240V		48V-DC		IP20	1E2323
240W	125x100x125	220-240V		48V-DC		IP20	1E2533
max 43W	150x40x150	220-240V	600mA			IP68	1E2571
max 43W	150x40x148	220-240V	600mA		DALI	IP68	1E2572
max 50W	150x40x148	220-240V	900mA			IP68	1E2573
max 50W	150x40x148	220-240V	900mA		DALI	IP68	1E2574
20W	150x40x148	110-240V	400mA		1-10V	IP68	1E3033D
20W	150x40x148	110-240V	400mA		DALI	IP68	1E3033DA
20W	150x40x148	220-240V	400mA			IP68	1E3033EL
20W	150x40x148	110-240V	900mA		1-10V	IP68	1E3034D
20W	150x40x148	110-240V	700mA		DALI	IP68	1E3034DA
20W	150x40x148	110-240V	900mA			IP68	1E3034EL
10W	69x33x38	220-240V		24V-DC		IP67	1E3179
15W	119x22x52	220-240V	350mA			IP20	1T1757
29W	160x35x83	110-240V	700mA			IP20	1T2963
29W	160x35x83	110-240V	700mA		1-10V	IP20	1T2964
29W	160x35x83	110-240V	700mA		DALI	IP20	1T2965
max 50W	160x35x83	220-240V	900mA			IP20	1T2966
max 50W	160x35x83	110-240V	900mA		1-10V	IP20	1T2967
max 50W	160x35x83	110-240V	900mA		DALI	IP20	1T2968
75W	130x32x80	220-240V		24V-DC		IP67	1T3586
100W	230x87x43	220-240V		24V-DC		IP67	1T3587
200W	238x42x67	220-240V		24V-DC		IP67	1T3588
32W	160x35x83	110-240V	600mA			IP20	1T3625
32W	160x35x83	110-240V	600mA		1-10V	IP20	1T3626
32W	160x35x83	110-240V	600mA		DALI	IP20	1T3627
50W	185x22x63,5	220-240V		24V-DC		IP20	1T3726
42W	160x35x83	110-240V	1050mA			IP20	1T3781
42W	160x35x83	110-240V	1050mA		1-10V	IP20	1T3782
42W	160x35x83	110-240V	1050mA		DALI	IP20	1T3783
max 22W	130x30x42	220-240V	500mA			IP20	1T3966
20W	118x22x52	110-240V	400mA		1-10V	IP20	1T4215D
20W	118x22x52	110-240V	400mA		DALI	IP20	1T4215DA
20W	118x22x52	220-240V	400mA			IP20	1T4215EL
max 15W	119x22x52	110-240V	350mA		DALI	IP20	1T4630
20W	119x22x52	220-240V	500mA		DALI	IP20	1T4631
15W	119x22x52	110-120V	500mA		DALI	IP20	1T4631
max 60W	129x30x76	220-240V	1050mA			IP20	1T4723
max 60W	129x30x76	220-240V	1050mA		DALI	IP20	1T4725
20W	118x22x52	110-240V	900mA		1-10V	IP20	1T5295D
20W	118x22x52	110-240V	700mA		DALI	IP20	1T5295DA
20W	118x22x52	110-240V	900mA			IP20	1T5295EL
12W	101,5x29,5x51	220-240V	350mA			IP20	1T6503
12W	67x103x21	220-240V	350mA		DALI	IP20	1T6504
12W	158x19x22	220-240V	350mA			IP20	1T6505
42W	129x30x42	220-240V	1050mA			IP20	1T6524
10W/20W	145x19x55	110-240V/220-240V		12V-DC		IP20	T1585
70W	225x51x65	220-240V		12V-DC		IP65	T1586

TRANSFORMERS FOR HALOGEN LAMPS

Power	LxHxP	Description	Power supply	Frequency	Dimming	Protection	
max 105VA	Ø 105 H 74	electronic	220-240V/12V	50-60Hz		IP68	1E1685
20-60W	86x20x31	electronic	230-240V/12V	50-60Hz	dimmer for IGBT and TRIAC	IP20	47567
20-105W	141x29x40	electronic	230-240V/12V	50-60Hz	dimmer for IGBT and TRIAC	IP20	47568

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).

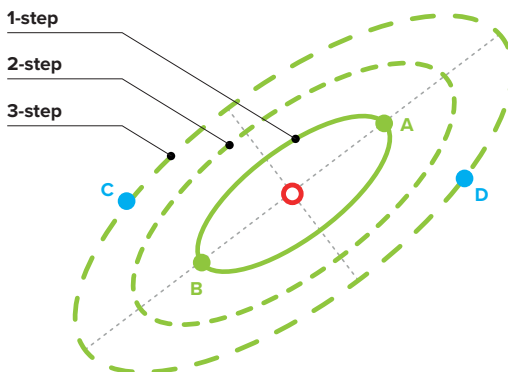
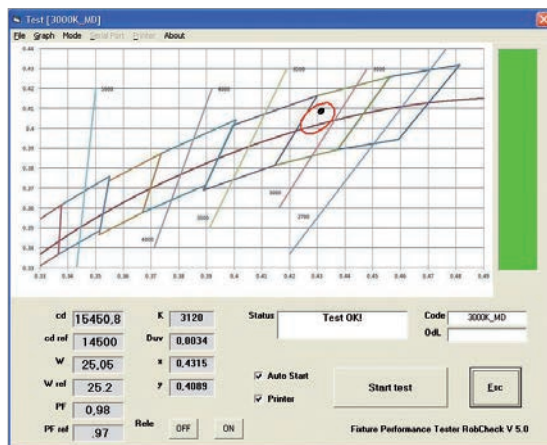
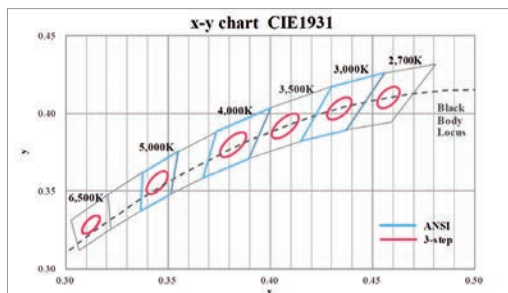
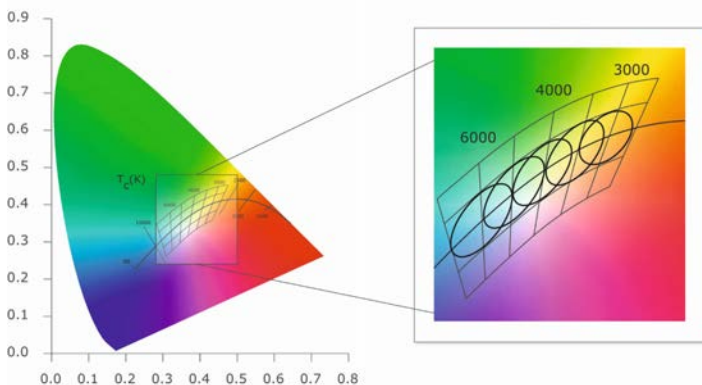
A 3 SDCM value is generally considered the maximum value before an average observer perceives chromaticity differences.

The colour tolerance values used in Targetti are as follows:

2 SDCM (1 on request) for fixtures that use COB LED lamps

3 SDCM (2 on request) for fixtures that use LED Emitter 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.

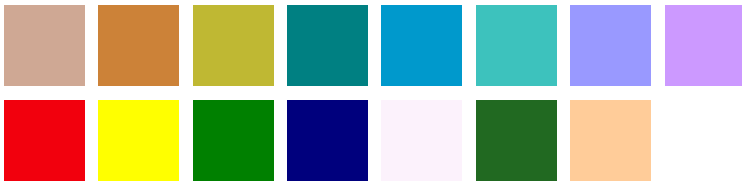


Colour rendering

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).

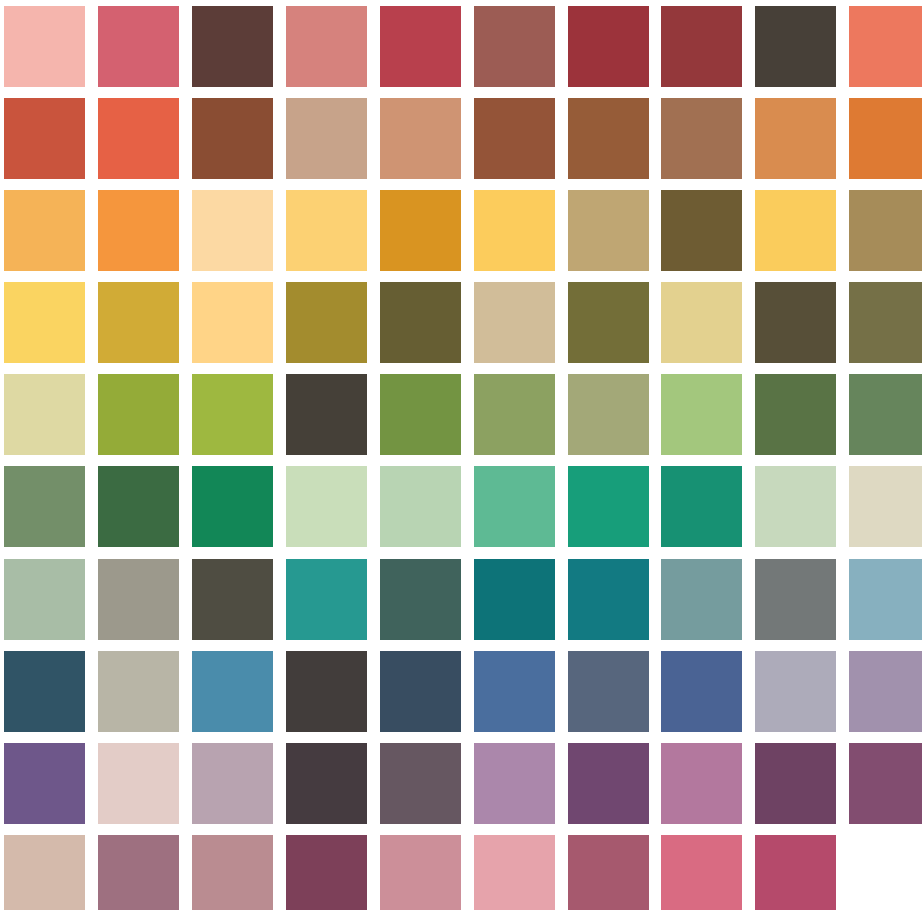
The **TM-30** index is based on a comparison of the colour rendering of 99 “color patches” which produced two different sizes: **Rf** and **Rg**.

Rf (Fidelity) is similar to the CRI but is more precise and provides indications on the fidelity of the colour rendering. The maximum value is 100.

Rg (Gamut) provides indications relating to the ability of the source to reproduce the colour saturation (breadth of the colour gamut). Rg can exceed a value of 100, but this taken on its own is not an indication of quality.

Combined together Rf and Rg make it possible to define the colour rendering of a light source in a differentiated yet more complete way especially for LED lamps.

We formulate the values of both Rf and Rg for all the LED lamps our fixtures are fitted with.



LED

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
- Life expectancy of the LED source (L80B10)

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.

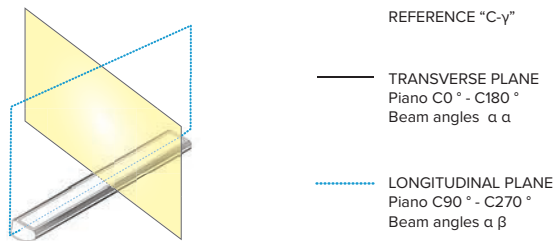
The photometric values quoted are dependent on the optical system to which they relate, and from the light source used. In order to improve its production, the Company reserves the right to change these optical systems and consequently relative photometric data without notice.

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

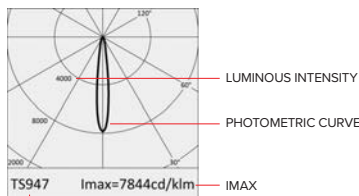
For ease of use, the photometric curve present within this catalogue is shown and explained below.

Photometric data are available in the "download" section of www.targetti.com, 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	22638cd	IMAX

H(m)	D(m)	E _{max} (lx)	
	14°		BEAM ANGLE
1	0.24	22638	DISTANCE FROM THE PLAN (m)
2	0.48	5659	
3	0.72	2515	∅ 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 $\pi/2$, π , $3/2\pi$. 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 Söller), 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 π : 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

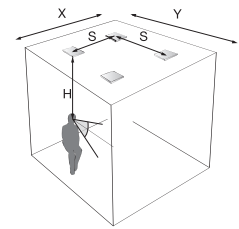


Figura 1 / Figure 1

UGR glare index values are between 10 and 30, from minimum to maximum probability of distress.

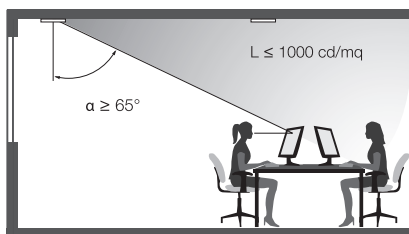
- UGR C 0: refers to the transversal direction of observation of the fixtures
- UGR C 90: refers to the longitudinal direction of observation of the fixtures.

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° and above from the downward vertical, radially around the luminaires, for work stations where display screens which are vertical or inclined up to 15° tilt angle are used.



Screen high state luminance	High luminance screen >200cd/mq	Medium luminance screen ≤ 200cd/mq
Case A	≤ 3000 cd/mq	≤ 1500 cd/mq
Case B	≤ 1500 cd/mq	≤ 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.

Photometry of devices with accessories available on request.

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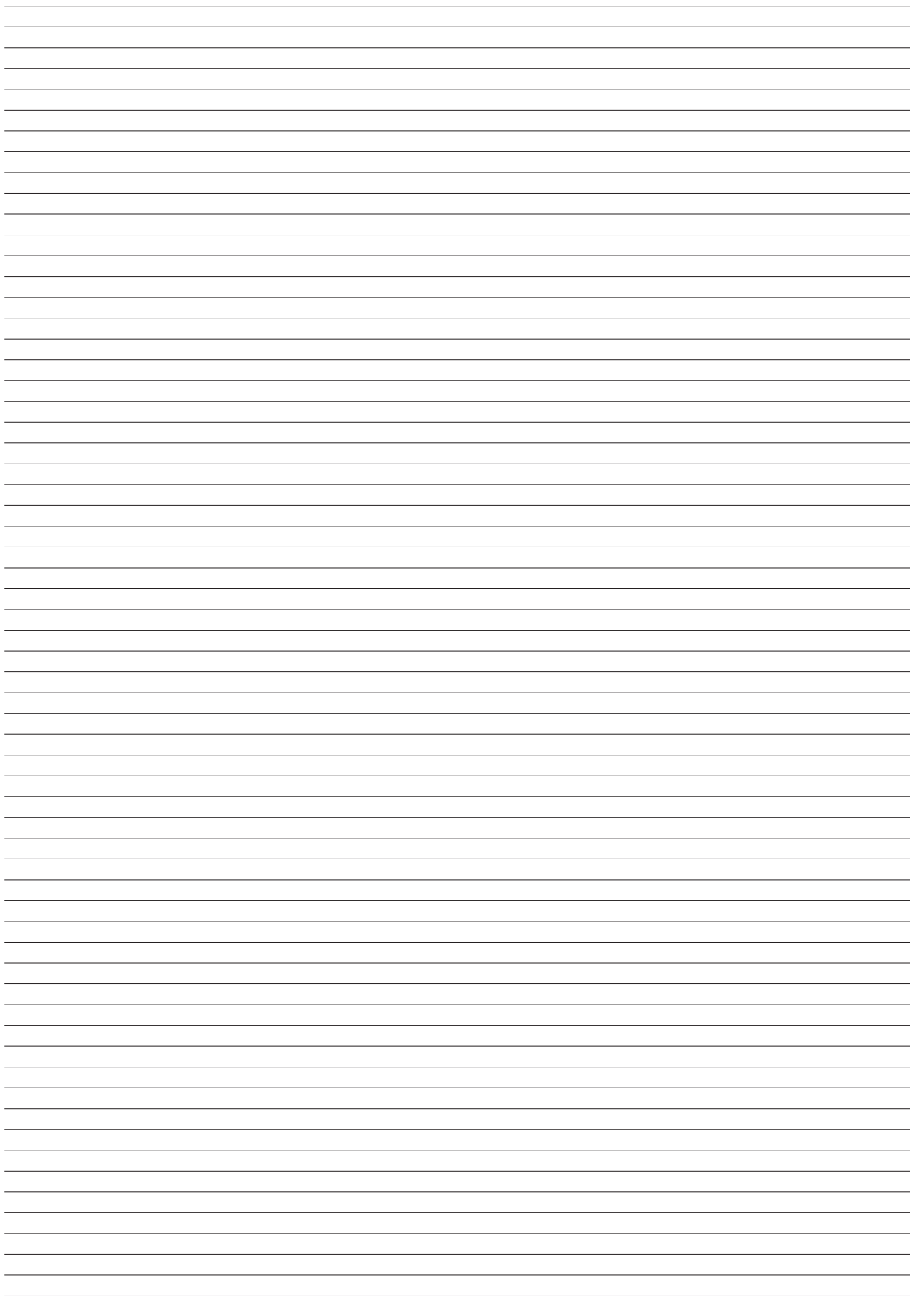
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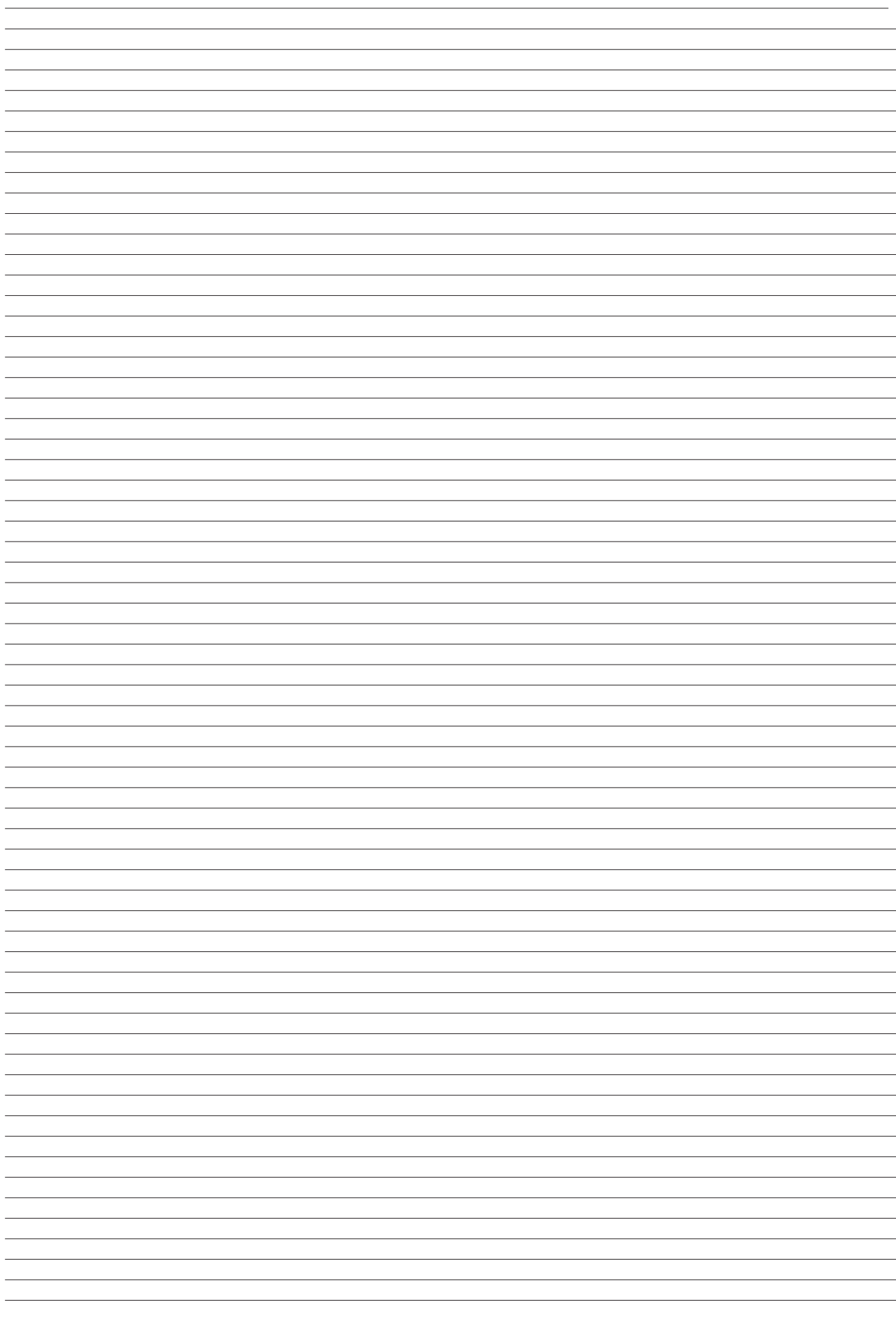
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REQUISITES AND INFORMATION

All fixtures of the Targetti collection have been designed and produced to comply with European Standard EN60598-1 relative to the safety requisite of light fixtures.

DIRECTIVES EUROPEAN COUNCIL

All fixtures comply with the following directives:

- EMC Directive 2014/30/EU
- LV Directive 2014/35/EU
- RoHS Directive 2011/65/EU

UNLESS SPECIFIED OTHERWISE

- all fixtures are supplied without lamps;
- all fixtures are sold separately;
- all measurements are expressed in millimeters;
- all fixtures at low voltage are supplied without transformer;
- **all fixtures can be supplied, on request, with nominal voltage of 110V and/or 240V.**

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to the production without notice. Reproduction of this catalogue or any part of it is prohibited. The products illustrated in this catalogue are covered by one or more Italian or international patents. The company will take legal action against any imitators.

CONSORZIO ECOLIGHT

Targetti Sankey Spa is a member of the Ecolight consortium that was set up in 2004 (D.Lgs. 49/2014) to comply with the provisions of the European Directive that was adopted in Italy as the European Directive 2012/19/EU for WEEE on managing, recovering and treating waste electrical and electronic equipment, used batteries and accumulators in compliance with all applicable legislation.



TARGETTI SANKEY SpA
Certificated ISO 9001 n° 9130. TAR1

The EneC mark, awarding of the ISO9001 certificate and the CE brand all guarantee that the activities carried out internally in the company are governed and controlled by procedures which assure constant level of quality.


Accredited laboratory in accordance with ISO 17025.


LIGHT BEAM APERTURES


from	to	beam	
5°	10°	Narrow Spot	NSP
11°	25°	Spot	SP
26°	40°	Flood	FL
41°	50°	Medium Wide Flood	MWFL
51°	70°	Wide Flood	WFL
71°	120°	Very Wide Flood	VWFL
		Wall Washer	WW


SYMBOLS

INSULATION CLASS

Class I luminaire in which the protection against electrical shock is guaranteed by the connections of the conductive elements accessible to a protective conductor (earth connection). 


Luminaire in which the connection to a protective conductor (earth connection) guarantees the immunity to radio noises. 

Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user. 


Class III luminaire, suitable for connection to very low voltage circuits. 


PARTICULAR SYMBOLS


Weight of the single fixture. 


Cable length. 


DEGREE OF PROTECTION


Protective screen, keeps out solids exceeding 50 mm in size. 

Protective screen, keeps out rain and solids exceeding 12 mm in size. 


Protective screen, keeps out solids exceeding 1 mm in size. 


Protective screen, keeps out rain and solids exceeding 1 mm in size. 

Protective screen, keeps out water spray and solids exceeding 1mm in size. 

Protective screen, keeps out dust and water spray. 


Protected against powerful water jets. 

Protected against the effects of temporary immersion in water. 

Protected against the effects of continuum immersion. 

NOTE

Housing degree of protection. 


Optic degree of protection. 

SAFETY STANDARDS

ENEC
European Norms Electrical Certification. 


SUITABLE FOR INFLAMMABLE

SURFACE MOUNTING

Luminaire not suitable for direct mounting on normally inflammable surface. 

ICONS

Walk-over 

Driver-over safe 

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