

T25

The Collection

TARGETTI

TARGETTI

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Light management system

- 664 **Light management system**

Indoor







Downlights | Fixed



<p>CCTEVO DOWNLIGHT</p> <p>30</p>	 <p>Ø 214mm</p>	 <p>Ø 160mm</p>	 <p>Ø 105mm</p>	 <p>Ø 78mm</p>	 <p>Ø 58mm</p>	 <p>Ø 38mm</p>	
<p>CCTEVO WALL WASHER</p> <p>44</p>	 <p>Ø 160mm</p>	 <p>Ø 105mm</p>	 <p>Ø 78mm</p>	<p>CCTLED</p> <p>50</p>			 <p>Ø 160mm</p>
<p>THREESIXTY</p> <p>318</p>	 <p>Ø 1150mm</p>	 <p>Ø 870mm</p>	 <p>Ø 590mm</p>	 <p>Ø 384mm</p>			
<p>OZ STAND ALONE</p> <p>58</p>	 <p>1x</p>	 <p>3x</p>	 <p>5x</p>	<p>BEBOP</p> <p>72</p>			

Downlights | Adjustable



<p>CCTEVO ARCHITECTURAL</p> <p>74</p>	 <p>Ø 160mm</p>	 <p>Ø 105mm</p>	 <p>Ø 78mm</p>	 <p>Ø 58mm</p>	
<p>CCTEVO EXTRACTABLE</p> <p>92</p>	 <p>Ø 162mm</p>	 <p>Ø 125mm</p>			

Projectors | on Track



ZENO

100



Ø 184mm

Ø 134mm

Ø 105mm

RAY

116



Ø 115mm

Ø 75mm

LABEL

130



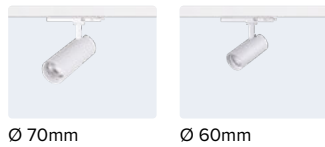
Ø 88mm

Ø 74mm

Ø 60mm

CAPSULE

140

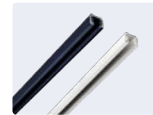


Ø 70mm

Ø 60mm

TRACKS
EUROSTANDARD

144



Projectors | Surface



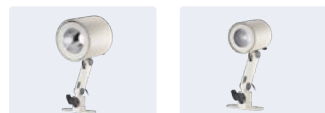
JEDI COMPACT
INDOOR

150



CORO

156



Ø 119mm

Ø 82mm

VOLTA

166



Indoor

Lighting Systems | 48V



OZ

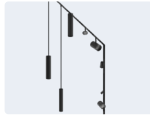
172



Recessed
Surface
Suspension

FORTYEIGHT

200



Recessed
Surface
Suspension

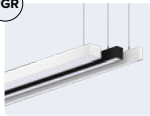
Lighting Systems | 230V



LOGICO EASY

222

UGR



Ceiling mounted
Suspension

LOGICO

248

UGR




Recessed
Ceiling mounted
Suspension

Ceiling, suspensions and wall-mounted




**OZ
STAND ALONE**

274



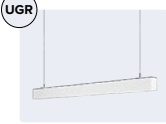
5x
Ceiling-mounted



3x
Ceiling-mounted

**LOGICO EASY
STAND ALONE**


280




Ceiling-mounted
Suspension

OMEGA

334




Suspension




Wall-mounted

CCTEVO TUBE

292




Ø 180mm
Ceiling-mounted
Suspension
Wall-mounted




Ø 140mm
Ceiling-mounted
Suspension
Wall-mounted

LABEL 230


306



Ø 72mm
Ceiling-mounted
Suspension
Wall-mounted



Ø 60mm
Ceiling-mounted
Suspension
Wall-mounted



Ø 43mm
Ceiling-mounted
Suspension
Wall-mounted

THREESIXTY

318



Ø 1150mm
Ceiling-mounted
Suspension
Wall-mounted



Ø 870mm
Ceiling-mounted
Suspension
Wall-mounted



Ø 590mm
Ceiling-mounted
Suspension
Wall-mounted



Ø 384mm
Ceiling-mounted
Suspension
Wall-mounted

ZENO

340




Ø 184mm
Wall-mounted



Ø 134mm
Wall-mounted

SLIM


344



Wall-mounted

HALL

346



Wall-mounted

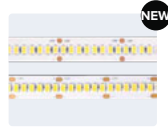
Indoor/Outdoor

Ledstrip



**LIGHTWAVES
PRO240**

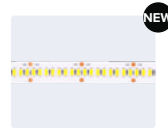
358



IP20
IP65

**LIGHTWAVES
PRO EVO**

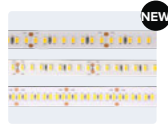
359



IP20
IP68

**LIGHTWAVES
HIGH
EFFICIENCY**

360



IP20
IP68

**LIGHTWAVES
GRAZING**

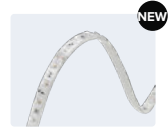
362



IP67

**LIGHTWAVES
WALL WASHER**

362



IP67

Outdoor

In-ground luminaires | Circular



KEPLERO

366



Ø 280mm
Fixed
Adjustable



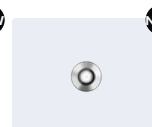
Ø 160mm
Fixed
Adjustable



Ø 160mm - Inox
Fixed



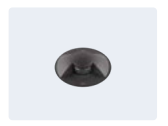
Ø 80mm
Fixed



Ø 50mm
Fixed

TITANO

398



Ø 169mm

Outdoor

In-ground luminaires | Linear



JEDI

400



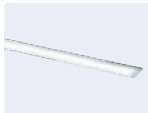
JEDI COMPACT

406



MINI MERCURE

428



Projectors



VADER

432



Ø 97mm



DART ROUND

448



Ø 253mm



Ø 130mm



Ø 88mm



DART

466



214x214mm



134x134mm



76x76mm

JUPITER

482



PRO
Ø 50mm



PRO Small
Ø 40mm



MINI
Ø 38mm

PYROS

492



Nano Pyros
Ø 107mm



Pico Pyros
Ø 50mm

JEDI

496



JEDI Compact

508



VOLTA

166

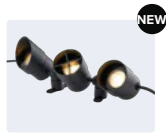


Outdoor

Lighting Systems | 24/48V



CATIRPEL
528



Surface

IVY
550

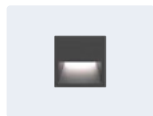


Recessed
Surface

Wall-mounted | Recessed



ZEDGE
572



PRO



LINE



Wall-mounted | Applique



MRS BO
592



WALL

MR & MRS SMITH
598



MR

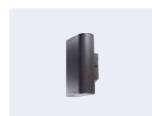


MRS

FEBO EVO
602



STILO
608



WALL FLAT

ZEDGE
572



PRO

Bollards



MRS BO

614



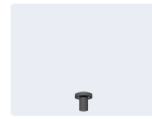
H. 1000mm



H. 800mm



H. 400mm



H. 150mm

MR BO

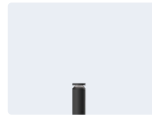
624



H. 1000mm



H. 800mm



H. 400mm

ZEDGE PRO

632



H. 1000mm



H. 800mm



H. 400mm

ZEDGE

632



H. 400mm

LUCERA

636



H. 1010mm



Pole systems



LUCERA

642



H. 3500mm
H. 5000mm



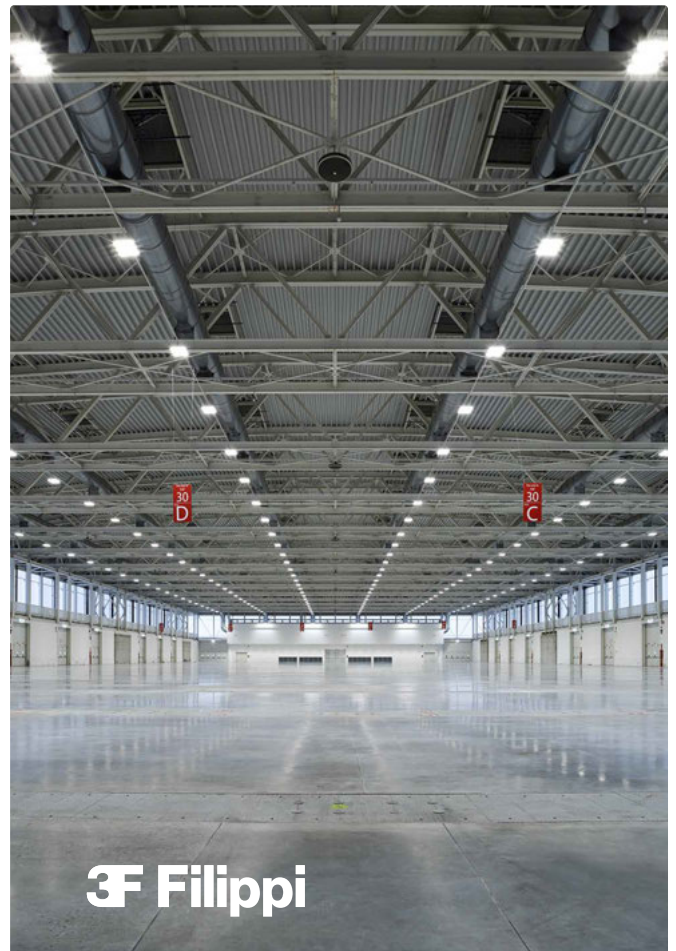
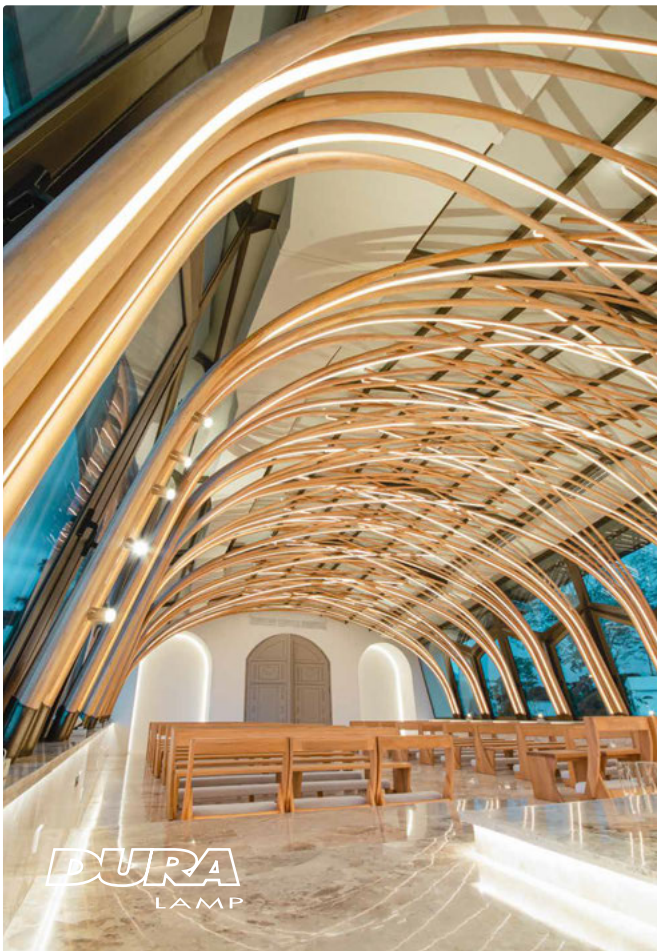
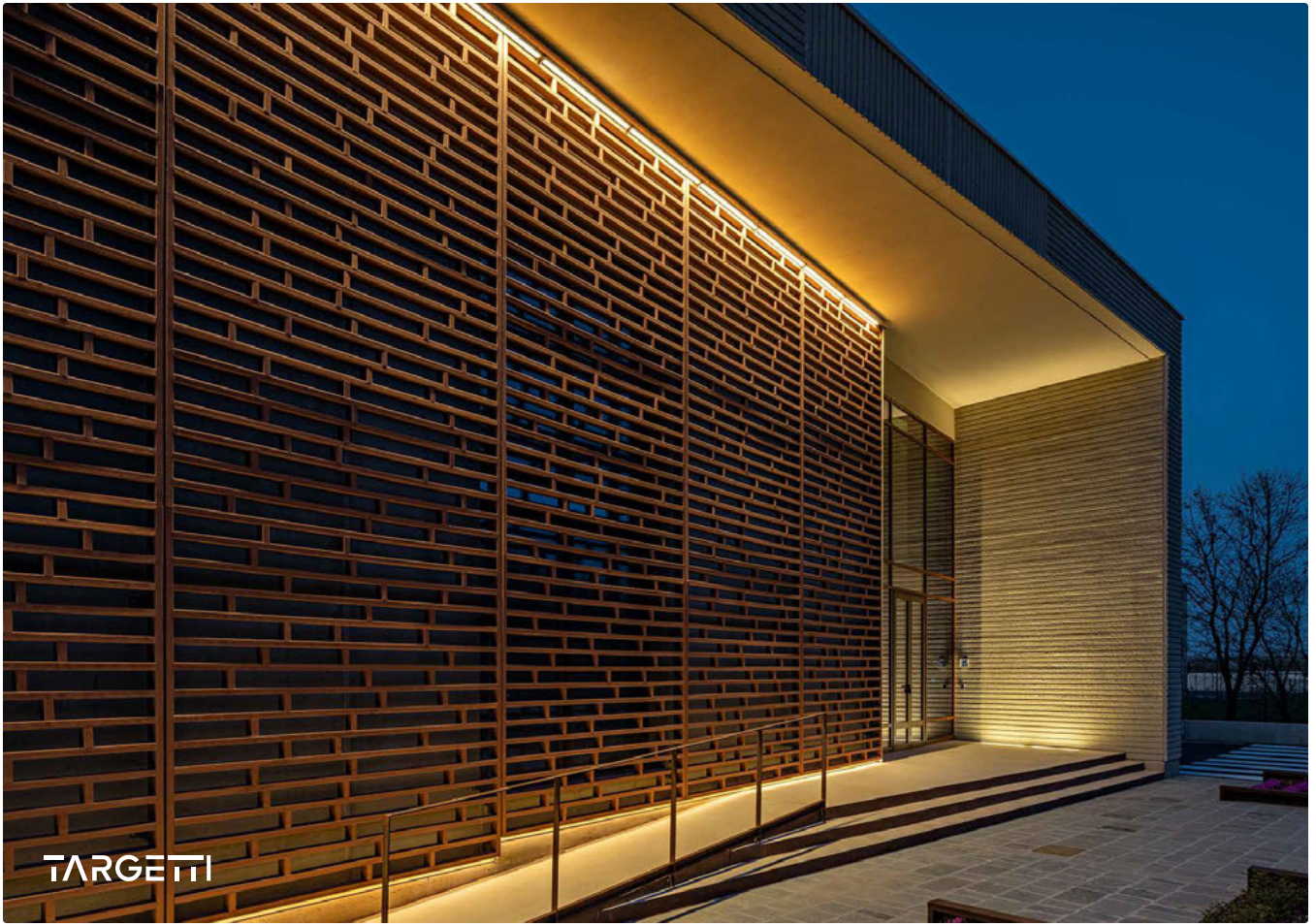
**WE ARE
TARGETTI**

THE GROUP

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



With extensive experience and the combination of their respective expertise in technical and architectural lighting the two brands together provide a complete portfolio of products that proudly bring Made in Italy to more than 60 countries worldwide. Today the 3F Filippi-Targetti Group can meet and satisfy any kind of design and project requirements. Our partners can choose from a huge selection of products and solutions; from high-tech and functional products from the 3F Filippi catalogue to indoor and outdoor architectural lighting fixtures designed by Targetti, right up to a wide range of LED lamps and fixtures from the Duralamp brand.



WORLDWIDE

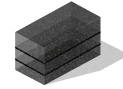
We are an international team with identity, culture and different skills united by a common language: light.



Legend



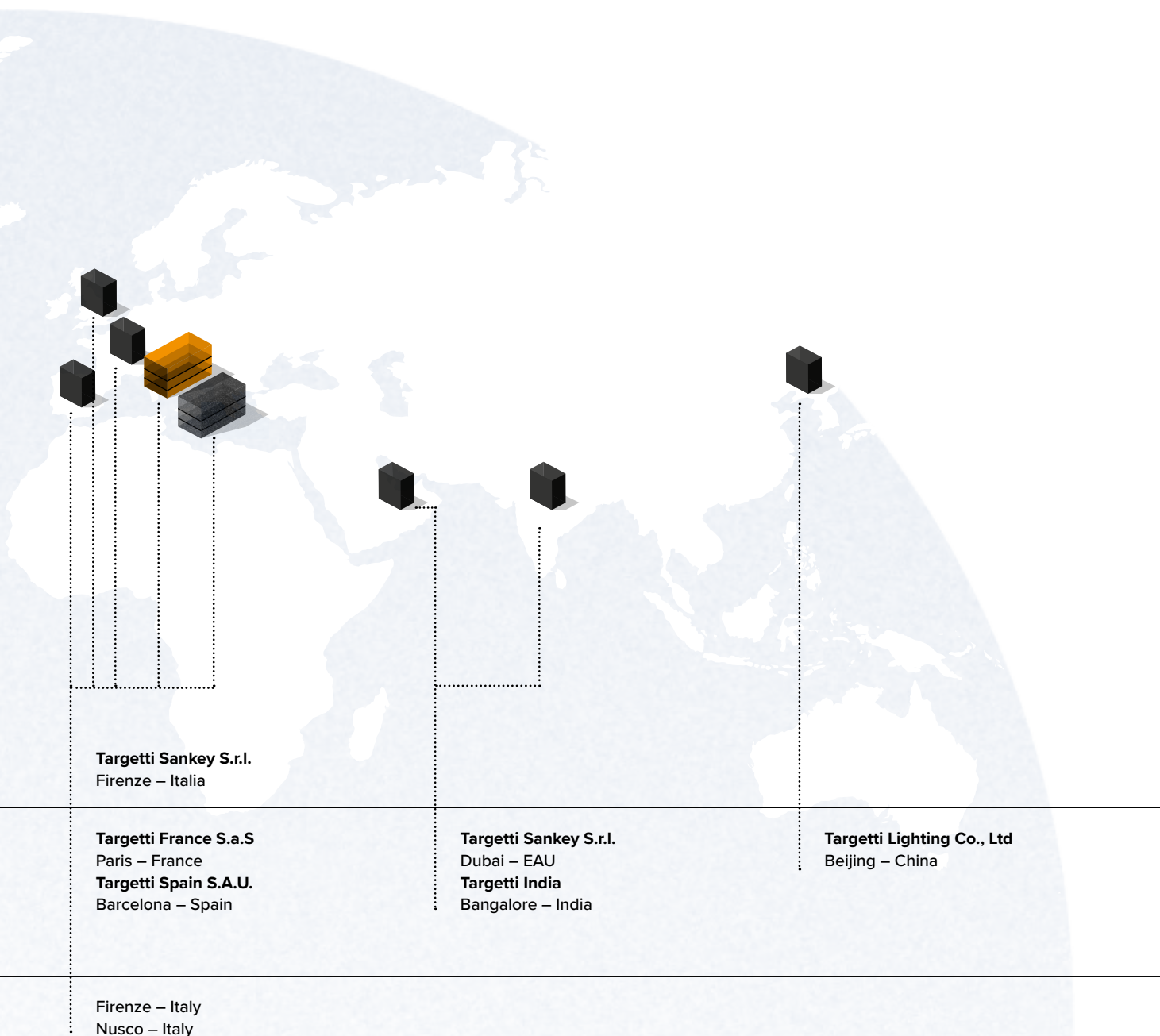
Headquarter



Production
plan



Subsidiary



TARGETTI AND LIGHT

Light is what connects humans with space and people. It is both an instrument of knowledge and social interaction, the medium through which the encounter between people and architecture becomes possible and exciting.

Passion for lighting guides our every choice

We have been madly in love with light forever, aware of its essential role for the environment and human well-being. Designing light is an indispensable action for us to improve people's lives. Passion as an attitude: what must shine through our products, from our way of creating light is pride, a spirit of belonging to a company with values.

Culture in our DNA

Living and working in Florence profoundly shapes our approach to culture and our way of life; it's an intrinsic part of our DNA and our identity. We are constantly surrounded by culture and we treat it with absolute respect. Enhancing artistic and cultural heritage requires knowledge, respect and creative sensitivity.



COMPETENCE AND ATTENTION TO DETAIL

Excellent performance, attention to detail, originality and sustainability are all expressions of competence and are the requirements that our lighting systems must meet. These solutions, with their unique characteristics, position the company in the market as credible and reliable, genuinely capable of enhancing the environment we live in.

Our office of the Optical Division studio all of our optic systems

Targetti design its own optical systems that stand out in term of precision, efficiency and quality of the light effect. Our R&D studio supports innovative systems thanks to the combination of different technologies and technical solutions; We continue to explore new geometry and new materials capable of improving LED performance and maintaining the highest color quality of the fabric.

Attention to design

A correctly illuminated environment is Targetti main target. All of our products are designed to optimize the technical function and guarantee the best quality of the light effect but may deteriorate the shape.

Tailor-made solution

Targetti is always listening. The Custom product team works alongside designers to meet any design needs. We are always available to study with you tailor-made solutions for your project; from the simple finishing color, color temperature of the LED source or mounting system, to a real re-design of any lighting fixture. Tailor-made solutions that give light to your ideas and integrate perfectly into your architectural project.



SUSTAINABLE LIGHTING

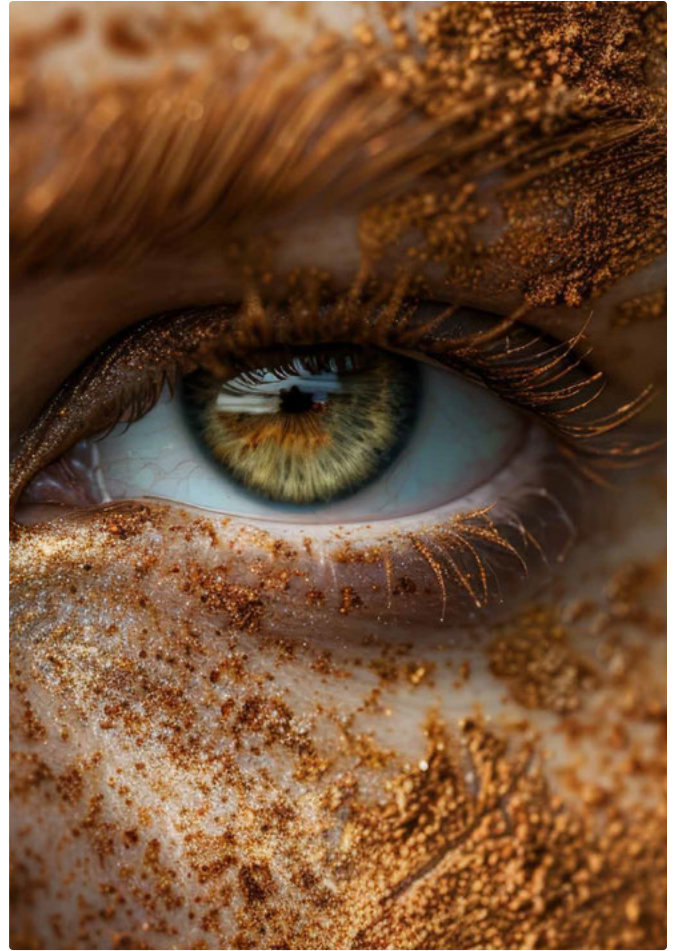
The 3F Filippi - Targetti group has been doing business for years trying to guarantee the right balance between economic, social and environmental aspects. Certifications obtained with the **UNI EN ISO 9001:2015 standard (management system quality certification)** and **ISO 14001 (environmental management system certification)** are the result of a voluntary choice by the company aimed at guaranteeing high quality products and services, where all production phases can be traced and verified. Yet it is the everyday actions aimed at protecting the environment and people that make all the difference.

Product

If we consider that 90% of the environmental impact of a fixture depends on its use, the most sustainable products are those that have the highest efficiency and maximum durability. This is why Targetti develops fixtures with very high efficiency and maximum reliability in the long term.

It does this by paying great attention to new technologies, by choosing the best LED sources on the market, the materials used as well as their origin and the recyclability of the material used in all production processes:

- The majority of our fixtures are made with aluminium, a 100% recyclable material. The aluminium Targetti acquires for its products comes largely from recycled material – which for some products is more than 90% - in favour of maximum recyclability.
- Some of the products in the collection are designed to be dismantled at the end of their life, simplifying the recyclability of individual materials.
- The resulting materials from production such as aluminium, iron, plastic are mainly disposed of through companies that operate in the direct recycling sector.
- The paints used for the finishes on our products are all strictly water-based while maintaining very high standards of protection and resistance to atmospheric agents.

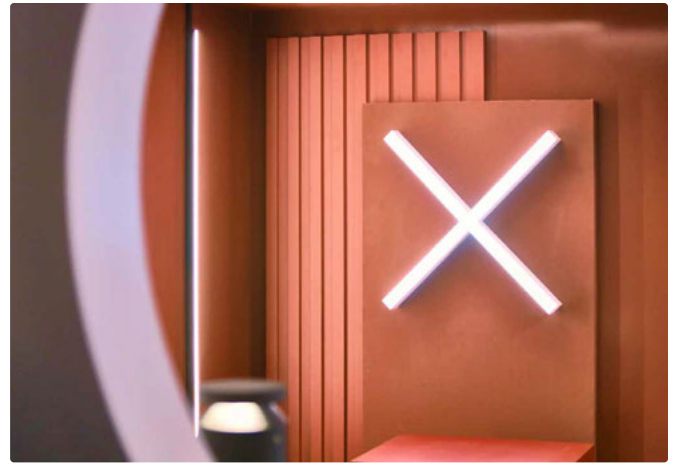




Logistics

We export all over the world so we are aware that shipments have a significant impact on environmental sustainability:

- Partner carriers are also selected based on the actions that each carries out in favour of sustainable logistics, such as the adoption of CO2 emission reduction objectives by pre-established dates, using green fuels and the constant calculation of the environmental impact of all shipments.
- Sustainable packaging - All our packaging is made of paper, the protective elements inside the packaging are made of plastic that is 50% and 100% recycled depending on the type of product, while the bags containing the products are completely biodegradable.



Company

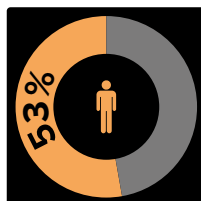
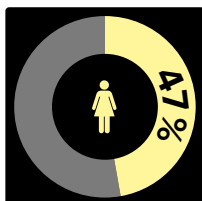
On a global level the company and the 3F Filippi – Targetti group work on multiple fronts to become truly eco-sustainable. The main actions include:

- Installing solar panels in 2010 which makes it possible to reduce a total of 10,000 tons of CO2 every year and cover a 1/3 of energy needs. 17 thousand square metres of polycrystalline silicon modules that generate 947,10 kWp of power, producing around 1,200,000 kWh every year.
- Purifying the water used in production processes which after use is purified and recirculated into the public sewer system.
- Reusing a large part of our exhibition stands in our own showrooms to create new exhibition spaces to welcome customers. Completely reusing smaller stands which are designed and built in a modular way to be easily assembled and disassembled and used several times.
- Reducing printing of communication materials in favour of on-line communications. Choosing printers that guarantee FSC certification, both on paper (ensuring that it comes from responsible sources) and throughout the entire production process.



Social Sustainability

Targetti implements company policies that guarantee equality and gender equality, respect for rights, safety, and the creation of a positive and healthy workplace environment. It dedicates 1800 hours a year to internal training on issues relating to safety and the environment.



It is really important for the company to dedicate time to constantly train its staff so that they are always updated and aware, so they adopt rules of behaviour oriented towards a sustainable logic and to avoid waste.



Economic Sustainability

Constant dialogue with architects and lighting designers to find innovative and functional solutions aimed at improving people's well-being.









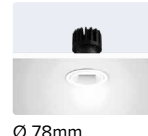








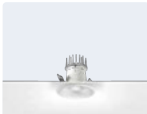
- In the last few years, the 3F Filippi -Targetetti group has developed its products with the collaboration of large internationally renowned architecture and lighting design firms (Stefano Boeri, FMS, L'Observatoire International) to create solutions that respond to the real needs of its target by combining different technical know-how, sensitivity and experience.
- Adopting cutting-edge technology to constantly test and measure its fixtures to guarantee maximum efficiency, reliability and transparency. The 3F Filippi – Targetetti group is one of the few European companies to have a rotating mirror gonio-photometer which allows for photometric measurements, colorimetric measurements and punctual thermal measurements on the components of every fixture.
- Careful selection of suppliers mainly favouring those in the local area by virtue of enhancing the local social context and lower environmental impact linked to transport. Selecting suppliers who guarantee sustainability policies.

DOWNLIGHTS

Indoor







Downlights | Fixed



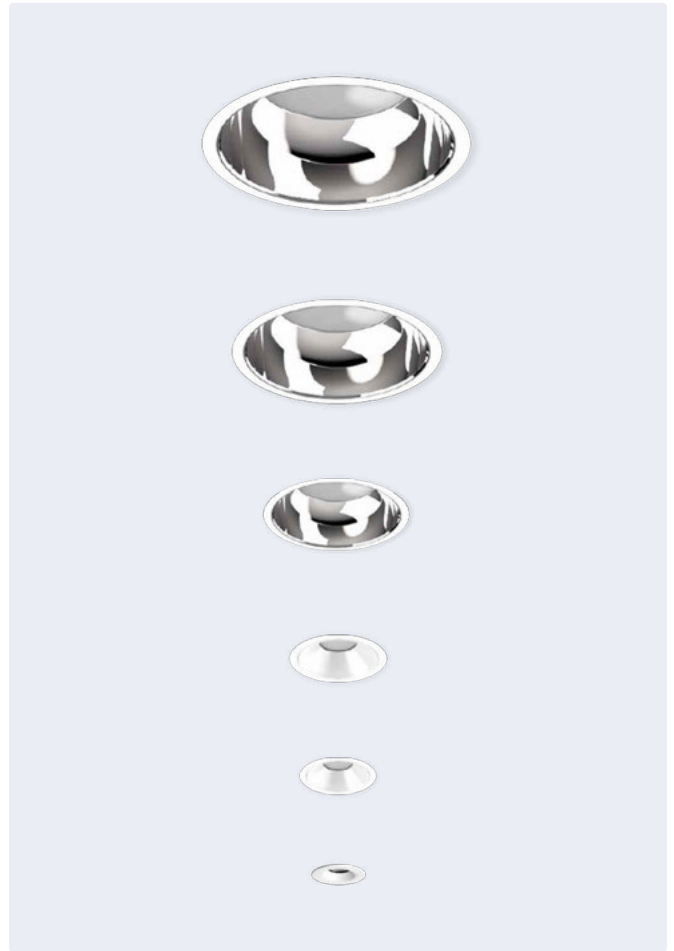
<p>CCTEVO DOWNLIGHT</p> <p>30</p>	 <small>Ø 214mm</small>	 <small>Ø 160mm</small>	 <small>Ø 105mm</small>	 <small>Ø 78mm</small>	 <small>Ø 58mm</small>	 <small>Ø 38mm</small>	
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<p>OZ STAND ALONE</p> <p>58</p>	 <small>1x</small>	 <small>3x</small>	 <small>5x</small>	<p>BEBOP</p> <p>72</p>			

Downlights | Adjustable

















<p>CCTEVO ARCHITECTURAL</p> <p>74</p>	 <small>Ø 160mm</small>	 <small>Ø 105mm</small>	 <small>Ø 78mm</small>	 <small>Ø 58mm</small>	
<p>CCTEVO EXTRACTABLE</p> <p>92</p>	 <small>Ø 162mm</small>	 <small>Ø 125mm</small>			

CCTEVO DOWNLIGHT



CCTEvo Downlight is a range of recessed fixtures which are characterised by the essentiality of the shapes, depth of the range, excellent performance and high efficiency. A complete product particularly suited for lighting work and retail environments where reliability, high efficiency and quality of light are fundamental requirements.

						
Recessed	Soft controlled	UGR	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE		
						
On-Off	Dali	Casambi	220-240V	500mA	White	Black
CONTROL			POWER SUPPLY		FINISH	

110-277V Power Supply
Ra80 (Ø105, Ø78, Ø58, Ø38)

ON REQUEST



CCTEVO DOWNLIGHT 214
Ø 214 mm
Trim
WFL (UGR) - VWFL

CCTEVO DOWNLIGHT 160
Ø 160 mm
Trim
WFL (UGR) - VWFL

CCTEVO DOWNLIGHT 105
Ø 105 mm
Trim - Trimless
WFL (UGR) - VWFL

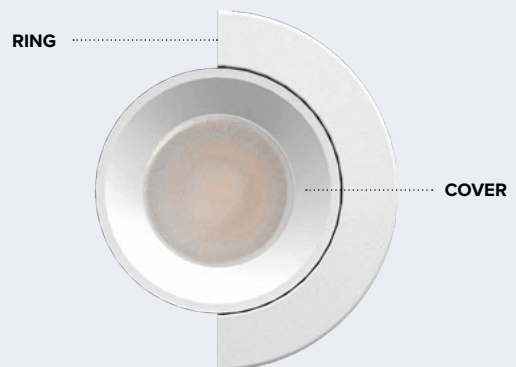


A coordinated high performance range, even in the smaller versions. Different optical systems for soft, yet always controlled lighting. The largest diameter of 214 mm is also perfect for “retrofit” projects of old fluorescent fixtures and is ideal for lighting offices and retail environments. The smaller diameters are also suitable for focused lighting.

CCTEVO DOWNLIGHT 78
Ø 78 mm
Trim - Trimless
FL - WFL

CCTEVO DOWNLIGHT 58
Ø 58 mm
Trim - Trimless
FL - WFL

CCTEVO DOWNLIGHT 38
Ø 38 mm
Trim - Trimless
SP-FL-WFL



TRIM AND TRIMLESS FINISH

The Trim version has a visible stop ring with a black or white finish depending on the size. The ring is integrated into the fixture and very thin to allow for total integration into the environment.

It is possible to personalise the ring and the cover by choosing from the many finishes in the Easy Custom Colours range. The Trimless versions do not have stop rings and therefore appear much smaller and integrate perfectly into false ceilings. They are equipped with a special load-bearing element that leaves the fixture inspectable even once installed.



The larger sizes have specular reflectors and are characterised by:

- High performance and a compact size
- Efficiency up to 138lm/W
- An IP54 optical compartment that allows for installation in humid environments and covered external porches
- Two different optical systems for diffused lighting (VWFL) and soft controlled lighting (WFL) suitable for offices with video terminals (Standard EN12464-1) with UGR<19 and L65<1000cd/m²
A white finishing ring for the 214 and 160 versions and a black and white finishing ring and a trimless finish for the 105 versions
- Specular reflector



VWFL
Depth 98 mm



WFL (UGR)
Depth 131 mm

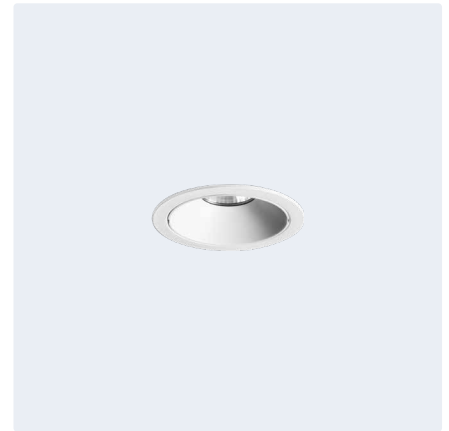


Versions for offices and retail



The smaller versions have a cover in the same colour as the finishing ring with a black or white matt finish and are characterised by:

- High performance and a compact size
- Efficiency up to 108lm/W
- An IP54 optical compartment that allows for installation in humid environments and covered external porches
- For accent lighting (FL) and soft controlled lighting (WFL)
- A black or white finishing ring and a trimless finish without a visible ring
- Light source hidden from view
- A remote driver for the 38 mm versions that makes it possible to power up to 5 fixtures
- A cut-off optic in the 38 mm version



Ø 58 mm

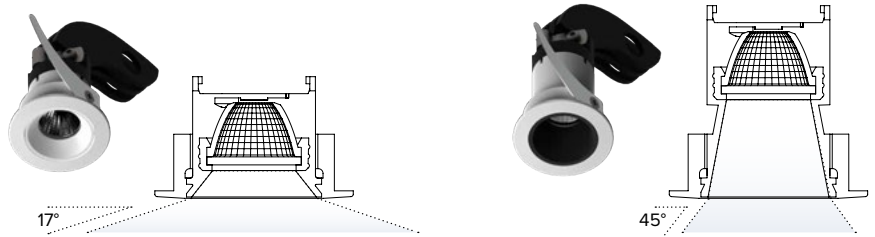
Ø 78 mm



Versions for Retail and Hospitality



Two different optical systems have been designed for the 38 mm diameter versions. The cut-off optic with the source set back allows for precise and controlled lighting, while the Classic versions have wider beams for a soft, diffused effect.

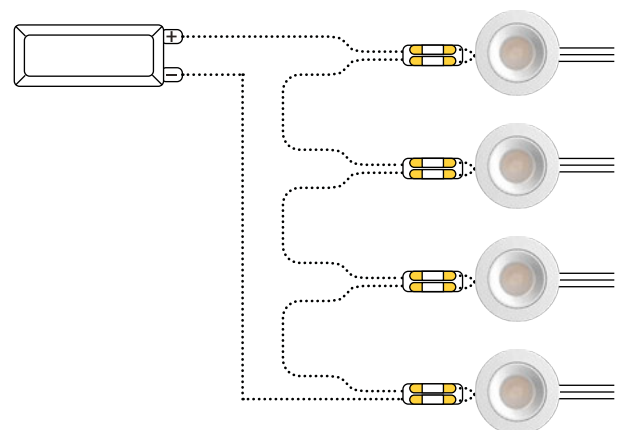


Ø 38 mm

Single module



Multiple configuration



Each luminaire can be powered with a single driver or choose the 4x driver option which can support up to 4 downlights simultaneously.

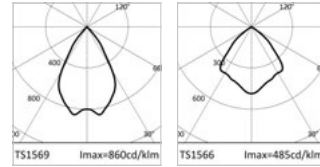
Single configurations: the electronic driver (1T9638EL) can pass through the recess hole of the Trim versions; the DALI driver (1T9638DA) does not pass through the recess hole of the Trimless versions.

Multiple configurations: the driver does not pass through the fixtures recess hole.

Versions Ø38mm



Ø214
 Up to 129lm/W
 From 4177lm to 6246lm
 2700K - 3000K - 3500K - 4000K
 Ra80 - Ra90

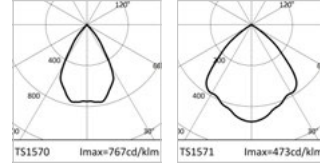


WFL (UGR) 62°

VWFL 88°



Ø160
 Up to 138lm/W
 From 2332lm to 4200lm
 2700K - 3000K - 3500K - 4000K
 Ra80 - Ra90

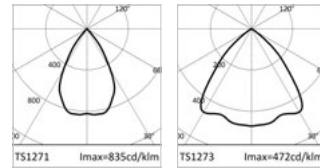


WFL (UGR) 63°

VWFL 89°



Ø105
 Up to 116lm/W
 From 1551lm to 1868lm
 2700K - 3000K - 3500K - 4000K
 Ra90

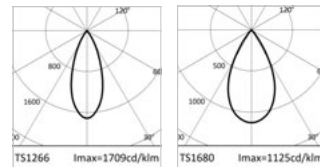


WFL (UGR) 61°

VWFL 87°



Ø78
 Up to 109lm/W
 From 1322lm to 1334lm
 2700K - 3000K - 3500K - 4000K
 Ra90

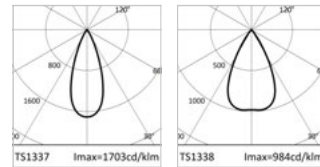


FL 39°

VWFL 54°



Ø58
 Up to 99lm/W
 From 856lm to 885lm
 2700K - 3000K - 3500K - 4000K
 Ra90

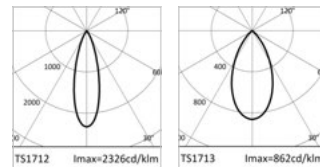


FL 38°

VWFL 55°

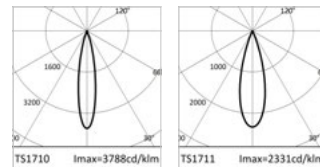


Ø38
 Up to 86lm/W
 From 320lm to 504lm
 2700K - 3000K - 3500K - 4000K
 Ra90



FL 30°

VWFL 53°



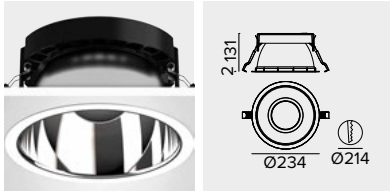
Cut-Off
 SP 20°

Cut-Off
 FL 29°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

CCTEVO DOWNLIGHT 214 WFL (UGR)

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 4177lm to 6072lm

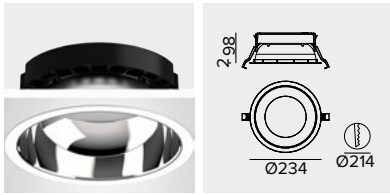


Optic	CRI	Driver	Colour	2700K	3000K	3500K	4000K
WFL (UGR) 62° 40W	80	ON-OFF	○	1T8219EL80	1T8222EL80	1T8225EL80	1T8228EL80
		DALI	○	1T8219DA80	1T8222DA80	1T8225DA80	1T8228DA80
	90	ON-OFF	○	1T8219EL	1T8222EL	1T8225EL	1T8228EL
		DALI	○	1T8219DA	1T8222DA	1T8225DA	1T8228DA
WFL (UGR) 62° 54W	80	ON-OFF	○	1T8220EL80	1T8223EL80	1T8226EL80	1T8229EL80
		DALI	○	1T8220DA80	1T8223DA80	1T8226DA80	1T8229DA80
	90	ON-OFF	○	1T8220EL	1T8223EL	1T8226EL	1T8229EL
		DALI	○	1T8220DA	1T8223DA	1T8226DA	1T8229DA

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 214 VWFL

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 4297lm to 6246lm

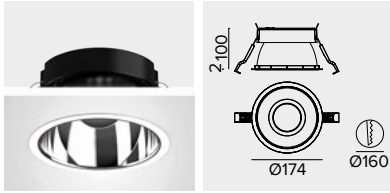


Optic	CRI	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 88° 40W	80	ON-OFF	○	1T8231EL80	1T8234EL80	1T8237EL80	1T8240EL80
		DALI	○	1T8231DA80	1T8234DA80	1T8237DA80	1T8240DA80
	90	ON-OFF	○	1T8231EL	1T8234EL	1T8237EL	1T8240EL
		DALI	○	1T8231DA	1T8234DA	1T8237DA	1T8240DA
VWFL 88° 54W	80	ON-OFF	○	1T8232EL80	1T8235EL80	1T8238EL80	1T8241EL80
		DALI	○	1T8232DA80	1T8235DA80	1T8238DA80	1T8241DA80
	90	ON-OFF	○	1T8232EL	1T8235EL	1T8238EL	1T8241EL
		DALI	○	1T8232DA	1T8235DA	1T8238DA	1T8241DA

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 160 WFL (UGR)

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2332lm to 3769lm

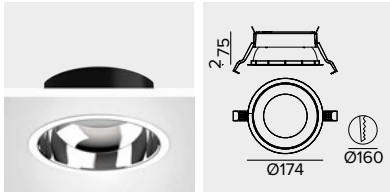
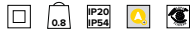


Optic	CRI	Driver	Colour	2700K	3000K	3500K	4000K
WFL (UGR) 63° 22W	80	ON-OFF	○	1T8291EL80	1T8294EL80	1T8297EL80	1T8300EL80
		DALI	○	1T8291DA80	1T8294DA80	1T8297DA80	1T8300DA80
	90	ON-OFF	○	1T8291EL	1T8294EL	1T8297EL	1T8300EL
		DALI	○	1T8291DA	1T8294DA	1T8297DA	1T8300DA
WFL (UGR) 63° 34W	80	ON-OFF	○	1T8292EL80	1T8295EL80	1T8298EL80	1T8301EL80
		DALI	○	1T8292DA80	1T8295DA80	1T8298DA80	1T8301DA80
	90	ON-OFF	○	1T8292EL	1T8295EL	1T8298EL	1T8301EL
		DALI	○	1T8292DA	1T8295DA	1T8298DA	1T8301DA

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 160 VWFL

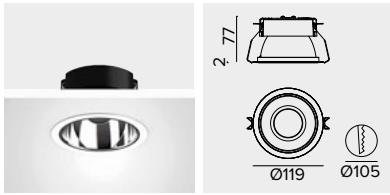
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2598lm to 4200lm



Optic	CRI	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 89° 22W	80	ON-OFF	○	1T8303EL80	1T8306EL80	1T8309EL80	1T8312EL80
		DALI	○	1T8303DA80	1T8306DA80	1T8309DA80	1T8312DA80
	90	ON-OFF	○	1T8303EL	1T8306EL	1T8309EL	1T8312EL
		DALI	○	1T8303DA	1T8306DA	1T8309DA	1T8312DA
VWFL 89° 34W	80	ON-OFF	○	1T8304EL80	1T8307EL80	1T8310EL80	1T8313EL80
		DALI	○	1T8304DA80	1T8307DA80	1T8310DA80	1T8313DA80
	90	ON-OFF	○	1T8304EL	1T8307EL	1T8310EL	1T8313EL
		DALI	○	1T8304DA	1T8307DA	1T8310DA	1T8313DA

Note Related codes and accessory codes on page 42.

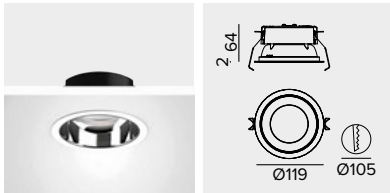
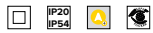
CCTEVO DOWNLIGHT 105 WFL (UGR)
220-240Vac | Ra90 | Fixture flux 3000K 1551lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
WFL (UGR) 61° 15W	ON-OFF	○	1T8399EL	1T8401EL	1T8403EL	1T8405EL
		●	1T8423EL	1T8425EL	1T8427EL	1T8429EL
	DALI	○	1T8399DA	1T8401DA	1T8403DA	1T8405DA
		●	1T8423DA	1T8425DA	1T8427DA	1T8429DA

Note Related codes and accessory codes on page 42.

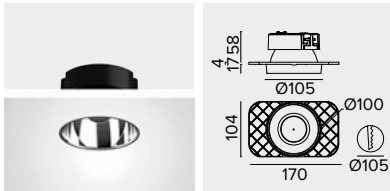
CCTEVO DOWNLIGHT 105 VWFL
220-240Vac | Ra90 | Fixture flux 3000K 1868lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 87° 17W	ON-OFF	○	1T8407EL	1T8409EL	1T8411EL	1T8413EL
		●	1T8431EL	1T8433EL	1T8435EL	1T8437EL
	DALI	○	1T8407DA	1T8409DA	1T8411DA	1T8413DA
		●	1T8431DA	1T8433DA	1T8435DA	1T8437DA

Note Related codes and accessory codes on page 42.

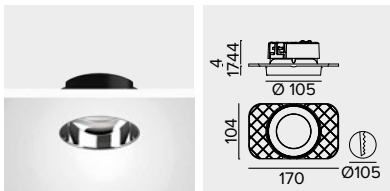
CCTEVO DOWNLIGHT 105 WFL (UGR) Trimless
220-240Vac | Ra90 | Fixture flux 3000K 1551lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
WFL (UGR) 61° 15W	ON-OFF		1T8399ELTR	1T8401ELTR	1T8403ELTR	1T8405ELTR
	DALI		1T8399DATR	1T8401DATR	1T8403DATR	1T8405DATR

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 105 VWFL Trimless
220-240Vac | Ra90 | Fixture flux 3000K 1868lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 87° 17W	ON-OFF		1T8407ELTR	1T8409ELTR	1T8411ELTR	1T8413ELTR
	DALI		1T8407DATR	1T8409DATR	1T8411DATR	1T8413DATR

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 78

220-240Vac | Ra90 | Fixture flux 3000K from 1322lm to 1334lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	FL 39° 13W	ON-OFF	○	●	1T8546EL	1T8547EL	1T8548EL	1T8549EL
			●	1T8558EL	1T8559EL	1T8560EL	1T8561EL	
		DALI	○	●	1T8546DA	1T8547DA	1T8548DA	1T8549DA
			●	1T8558DA	1T8559DA	1T8560DA	1T8561DA	
	WFL 54° 13W	ON-OFF	○	●	1T9981EL	1T9982EL	1T9983EL	1T9984EL
			●	1T9985EL	1T9986EL	1T9987EL	1T9988EL	
		DALI	○	●	1T9981DA	1T9982DA	1T9983DA	1T9984DA
			●	1T9985DA	1T9986DA	1T9987DA	1T9988DA	

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 78 Trimless

220-240Vac | Ra90 | Fixture flux 3000K from 1322lm to 1334lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	FL 39° 13W	ON-OFF	○	●	1T8546ELTR	1T8547ELTR	1T8548ELTR	1T8549ELTR
			●	1T8558ELTR	1T8559ELTR	1T8560ELTR	1T8561ELTR	
		DALI	○	●	1T8546DATR	1T8547DATR	1T8548DATR	1T8549DATR
			●	1T8558DATR	1T8559DATR	1T8560DATR	1T8561DATR	
	WFL 54° 13W	ON-OFF	○	●	1T9981ELTR	1T9982ELTR	1T9983ELTR	1T9984ELTR
			●	1T9985ELTR	1T9986ELTR	1T9987ELTR	1T9988ELTR	
		DALI	○	●	1T9981DATR	1T9982DATR	1T9983DATR	1T9984DATR
			●	1T9985DATR	1T9986DATR	1T9987DATR	1T9988DATR	

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 58

220-240Vac | Ra90 | Fixture flux 3000K from 856lm to 885lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	FL 38° 10W	ON-OFF	○	●	1T8266EL	1T8267EL	1T8268EL	1T8269EL
			●	1T8274EL	1T8275EL	1T8276EL	1T8277EL	
		DALI	○	●	1T8266DA	1T8267DA	1T8268DA	1T8269DA
			●	1T8274DA	1T8275DA	1T8276DA	1T8277DA	
	WFL 55° 10W	ON-OFF	○	●	1T8270EL	1T8271EL	1T8272EL	1T8273EL
			●	1T8278EL	1T8279EL	1T8280EL	1T8281EL	
		DALI	○	●	1T8270DA	1T8271DA	1T8272DA	1T8273DA
			●	1T8278DA	1T8279DA	1T8280DA	1T8281DA	

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 58 Trimless

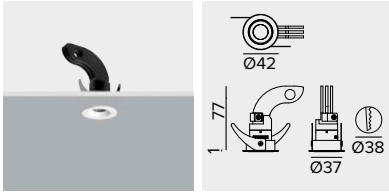
220-240Vac | Ra90 | Fixture flux 3000K from 856lm to 885lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	FL 38° 10W	ON-OFF	○	●	1T8266ELTR	1T8267ELTR	1T8268ELTR	1T8269ELTR
			●	1T8274ELTR	1T8275ELTR	1T8276ELTR	1T8277ELTR	
		DALI	○	●	1T8266DATR	1T8267DATR	1T8268DATR	1T8269DATR
			●	1T8274DATR	1T8275DATR	1T8276DATR	1T8277DATR	
	WFL 55° 10W	ON-OFF	○	●	1T8270ELTR	1T8271ELTR	1T8272ELTR	1T8273ELTR
			●	1T8278ELTR	1T8279ELTR	1T8280ELTR	1T8281ELTR	
		DALI	○	●	1T8270DATR	1T8271DATR	1T8272DATR	1T8273DATR
			●	1T8278DATR	1T8279DATR	1T8280DATR	1T8281DATR	

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 38

500mA | Ra90 | Fixture flux 3000K from 481lm to 504lm

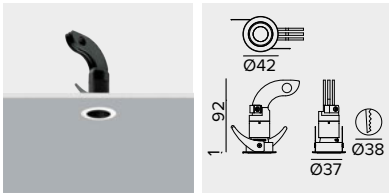


Optic	Colour	2700K	3000K	3500K	4000K
FL 30° 6W	○	2T0016	2T0017	2T0018	2T0019
	●	2T0020	2T0021	2T0022	2T0023
WFL 53° 6W	○	2T0024	2T0025	2T0026	2T0027
	●	2T0028	2T0029	2T0030	2T0031

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 38 CUT-OFF

500mA | Ra90 | Fixture flux 3000K from 320lm to 374lm

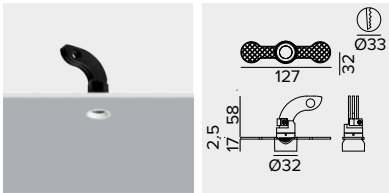
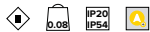


Optic	Colour	2700K	3000K	3500K	4000K
SP 20° 6W	◐	2T0032	2T0033	2T0034	2T0035
	●	2T0036	2T0037	2T0038	2T0039
FL 29° 6W	◐	2T0040	2T0041	2T0042	2T0043
	●	2T0044	2T0045	2T0046	2T0047

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 38 Trimless

500mA | Ra90 | Fixture flux 3000K from 481lm to 504lm

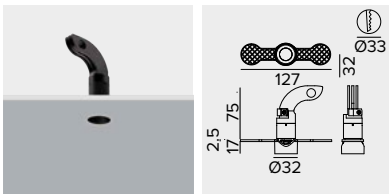


Optic	Colour	2700K	3000K	3500K	4000K
FL 30° 6W	○	2T0016TR	2T0017TR	2T0018TR	2T0019TR
	●	2T0020TR	2T0021TR	2T0022TR	2T0023TR
WFL 53° 6W	○	2T0024TR	2T0025TR	2T0026TR	2T0027TR
	●	2T0028TR	2T0029TR	2T0030TR	2T0031TR

Note Related codes and accessory codes on page 42.

CCTEVO DOWNLIGHT 38 CUT-OFF Trimless

500mA | Ra90 | Fixture flux 3000K from 320lm to 374lm



Optic	Colour	2700K	3000K	3500K	4000K
SP 20° 6W	●	2T0036TR	2T0037TR	2T0038TR	2T0039TR
FL 29° 6W	●	2T0044TR	2T0045TR	2T0046TR	2T0047TR


Note Related codes and accessory codes on page 42.

Related codes and accessories

CCTEVO DOWNLIGHT 214 -160 - 105 - 78 - 58

Accessory codes

Mounting System

	L mm	Code
	2500	1T9606

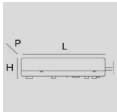
Anti-fall safety cable to secure the body of the appliance to the building structure.

Related codes and accessories

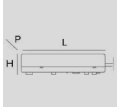
CCTEVO DOWNLIGHT 38

Related codes

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	158x19x22	max 14W	110-240Vac	500mA	IP20	1T9638EL
	124x22x79	max 50W	110-240Vac	500mA	IP20	1T9639EL

Electronic power supply.

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	198x21x31	max 38W	220-240Vac	500mA	IP20	1T9638DA
	124x22x79	max 50W	110-240Vac	500mA	IP20	1T9639DA

DALI power supply.

Related codes and accessories

CCTEVO DOWNLIGHT | Codes compatible with the whole range

Accessory codes

Emergency Kit

Code

A059



Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

Control systems

Code

1T5349



IP20 wireless control unit with DALI interface.
More details on page 672.

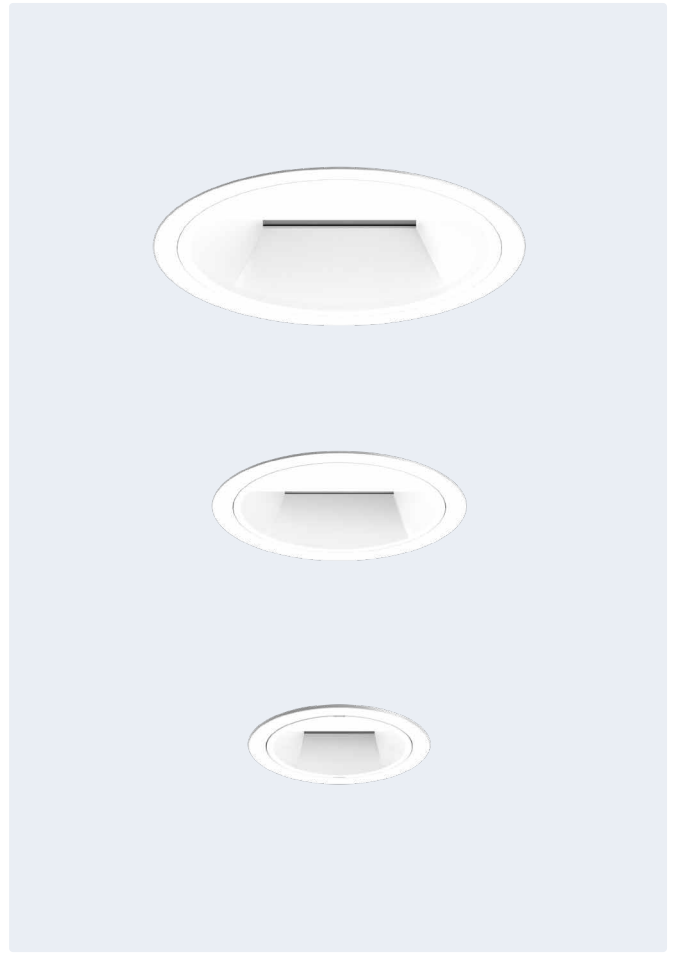
Code

2T0131
















IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.

CCTEVO WALL WASHER

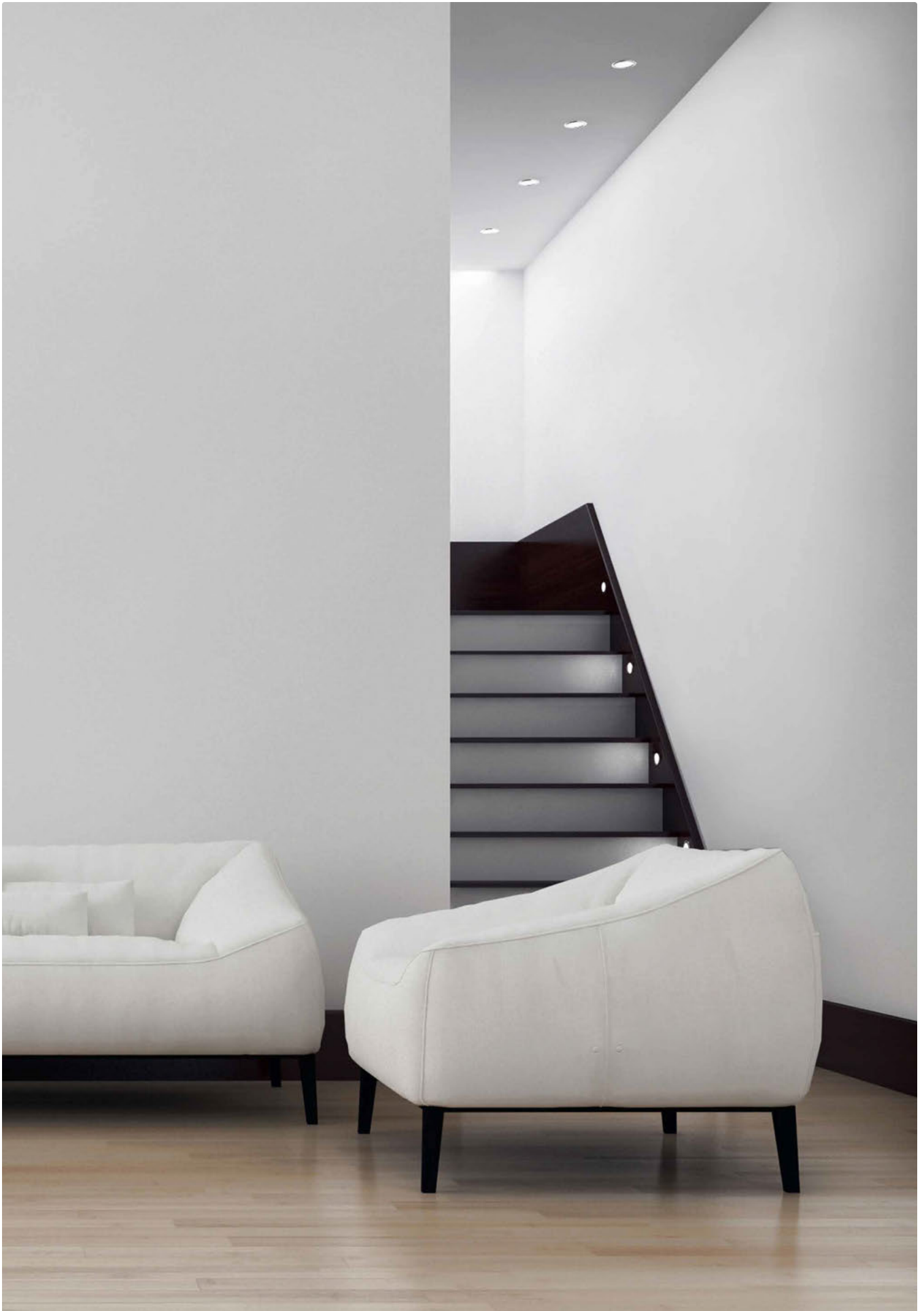


The CCTEvo Wall Washer is the asymmetrical recessed version of the CCTEvo range for uniform lighting of large vertical surfaces. Equipped with an innovative optical system, it has a wide and uniform beam. It is designed to ensure the best lighting performance and total formal simplicity.

						
Recessed	Wall Washer	2700K	3000K	3500K	4000K	
INSTALLATION		COLOUR TEMPERATURE				
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY	FINISH		

110-277Vac Power Supply
CRI 80 diameter 105

ON REQUEST

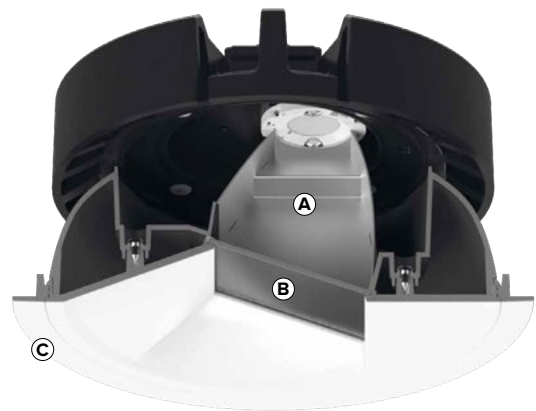




A
A highly reflective, pre-anodised aluminium reflector which is completely hidden from sight.

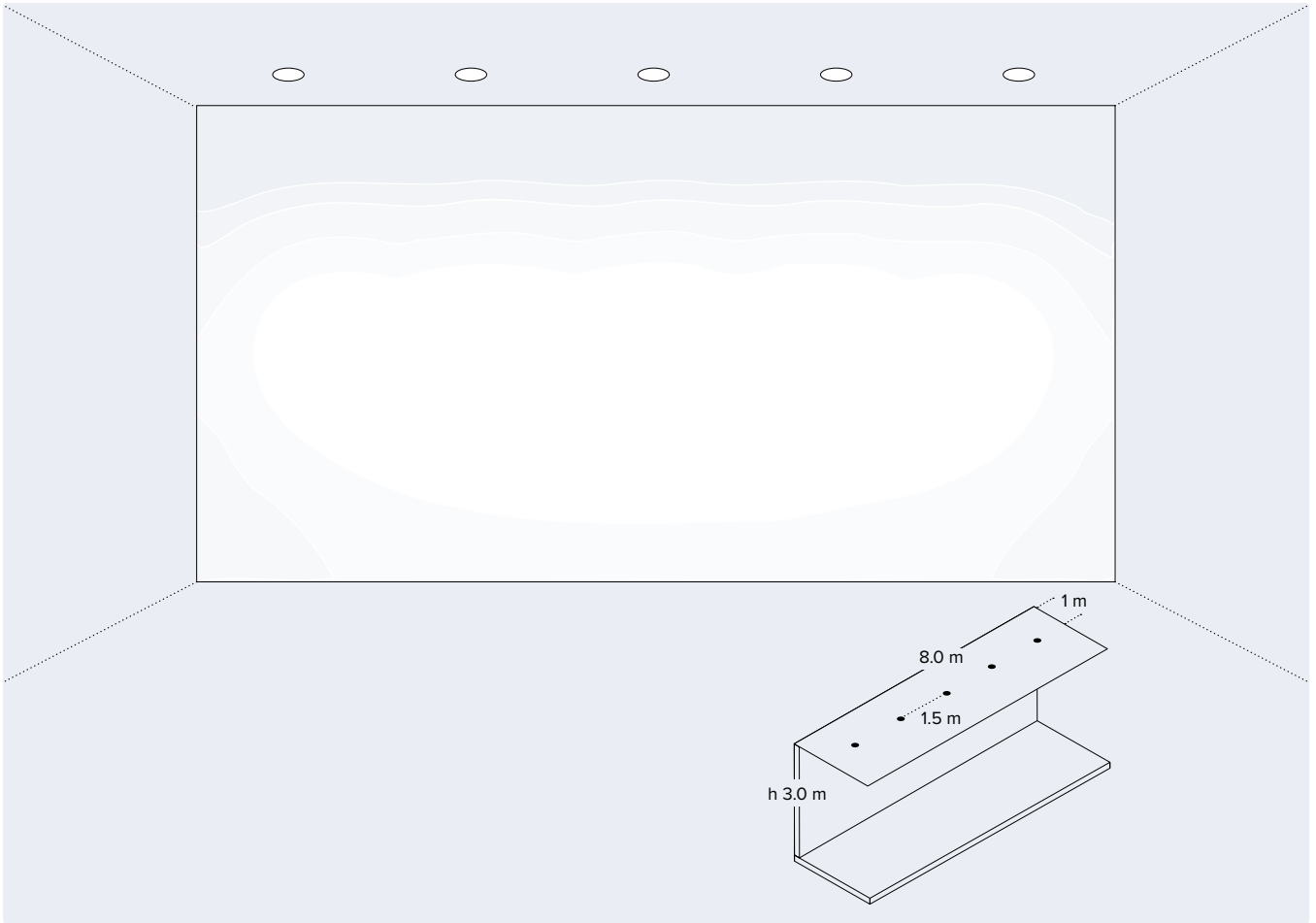
B
A holographic acrylic diffuser screen that in addition to diffusing the light provides the optical unit with an IP54 rating.

C
A shaped thermoplastic structural element provides the fixture with aesthetic appeal, which is carefully designed with a white or black finish even in the Trimless versions.



The CCTEvo Wall Washer is available in three different sizes, $\varnothing 160\text{mm}$, $\varnothing 105\text{mm}$ and $\varnothing 78\text{mm}$. The $\varnothing 105\text{mm}$ and $\varnothing 78\text{mm}$ versions are available with a finishing ring (black or white) or trimless without a visible ring. The CCTEvo Wall Washer can be powered by an ON-OFF or a DALI driver for applications with a BUS system or Casambi. This makes it suitable for different application solutions, from small spaces to large projects.

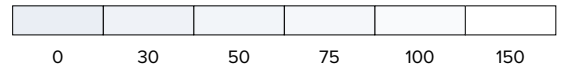
160mm	○ White	Trim
		Trim
105mm	○ White	Trimless
		Trim
	● Black	Trimless
		Trimless
78mm	○ White	Trim
		Trimless
	● Black	Trim
		Trimless



Uniform lighting for vertical surfaces

The Wall Washer optical system was developed to obtain excellent light distribution on the vertical plane: with the correct ratio of 1 to 3 between the distance from the wall and the height of the room, uniform general lighting is produced on the wall with a central focus that attracts the observer's attention, without compromising the general perception of uniformity. Particular attention was paid to the breadth of the effect to not only have uniformity in height but also in width while still maintaining a wide pitch between fixtures.

Lighting \[lx]



CCTEVO WALL WASHER 160

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2008lm to 3352lm

		Optic	CRI	Driver	Colour	2700K	3000K	3500K	4000K
	WW 24W	80		ON-OFF	○	1T8315EL80	1T8318EL80	1T8321EL80	1T8324EL80
				DALI	○	1T8315DA80	1T8318DA80	1T8321DA80	1T8324DA80
		90		ON-OFF	○	1T8315EL	1T8318EL	1T8321EL	1T8324EL
				DALI	○	1T8315DA	1T8318DA	1T8321DA	1T8324DA
WW 35W	80		ON-OFF	○	1T8316EL80	1T8319EL80	1T8322EL80	1T8325EL80	
			DALI	○	1T8316DA80	1T8319DA80	1T8322DA80	1T8325DA80	
	90		ON-OFF	○	1T8316EL	1T8319EL	1T8322EL	1T8325EL	
			DALI	○	1T8316DA	1T8319DA	1T8322DA	1T8325DA	

Note Accessory codes on page 49.

CCTEVO WALL WASHER 105

220-240Vac | Ra90 | Fixture flux 3000K 1166lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	WW 18W		ON-OFF	○	1T8415EL	1T8417EL	1T8419EL	1T8421EL
				●	1T8439EL	1T8441EL	1T8443EL	1T8445EL
			DALI	○	1T8415DA	1T8417DA	1T8419DA	1T8421DA
				●	1T8439DA	1T8441DA	1T8443DA	1T8445DA

Note Accessory codes on page 49.

CCTEVO WALL WASHER 105 Trimless

220-240Vac | Ra90 | Fixture flux 3000K 1166lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	WW 18W		ON-OFF	○	1T8415ELTR	1T8417ELTR	1T8419ELTR	1T8421ELTR
				●	1T8439ELTR	1T8441ELTR	1T8443ELTR	1T8445ELTR
			DALI	○	1T8415DATR	1T8417DATR	1T8419DATR	1T8421DATR
				●	1T8439DATR	1T8441DATR	1T8443DATR	1T8445DATR

Note Accessory codes on page 49.

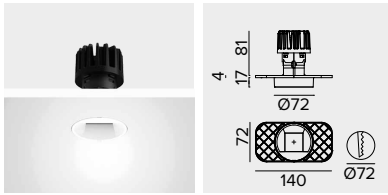
CCTEVO WALL WASHER 78

220-240Vac | Ra90 | Fixture flux 3000K 972lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	WW 13W		ON-OFF	○	1T8550EL	1T8551EL	1T8552EL	1T8553EL
				●	1T8562EL	1T8563EL	1T8564EL	1T8565EL
			DALI	○	1T8550DA	1T8551DA	1T8552DA	1T8553DA
				●	1T8562DA	1T8563DA	1T8564DA	1T8565DA

Note Accessory codes on page 49.

CCTEVO WALL WASHER 78 Trimless
 220-240Vac | Ra90 | Fixture flux 3000K 972lm




Optic	Driver	Colour	2700K	3000K	3500K	4000K
WW 13W	ON-OFF	○	1T8550ELTR	1T8551ELTR	1T8552ELTR	1T8553ELTR
		●	1T8562ELTR	1T8563ELTR	1T8564ELTR	1T8565ELTR
	DALI	○	1T8550DATR	1T8551DATR	1T8552DATR	1T8553DATR
		●	1T8562DATR	1T8563DATR	1T8564DATR	1T8565DATR

Note Accessory codes on page 49.

Accessory codes

CCTEVO WALL WASHER | Codes compatible with the whole range

Mounting System

	L mm	Code
	2500	1T9606

Anti-fall safety cable to secure the body of the appliance to the building structure.

Control systems

	Code		Code
	1T5349		2T0131











IP20 wireless control unit with DALI interface. More details on page 672.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.

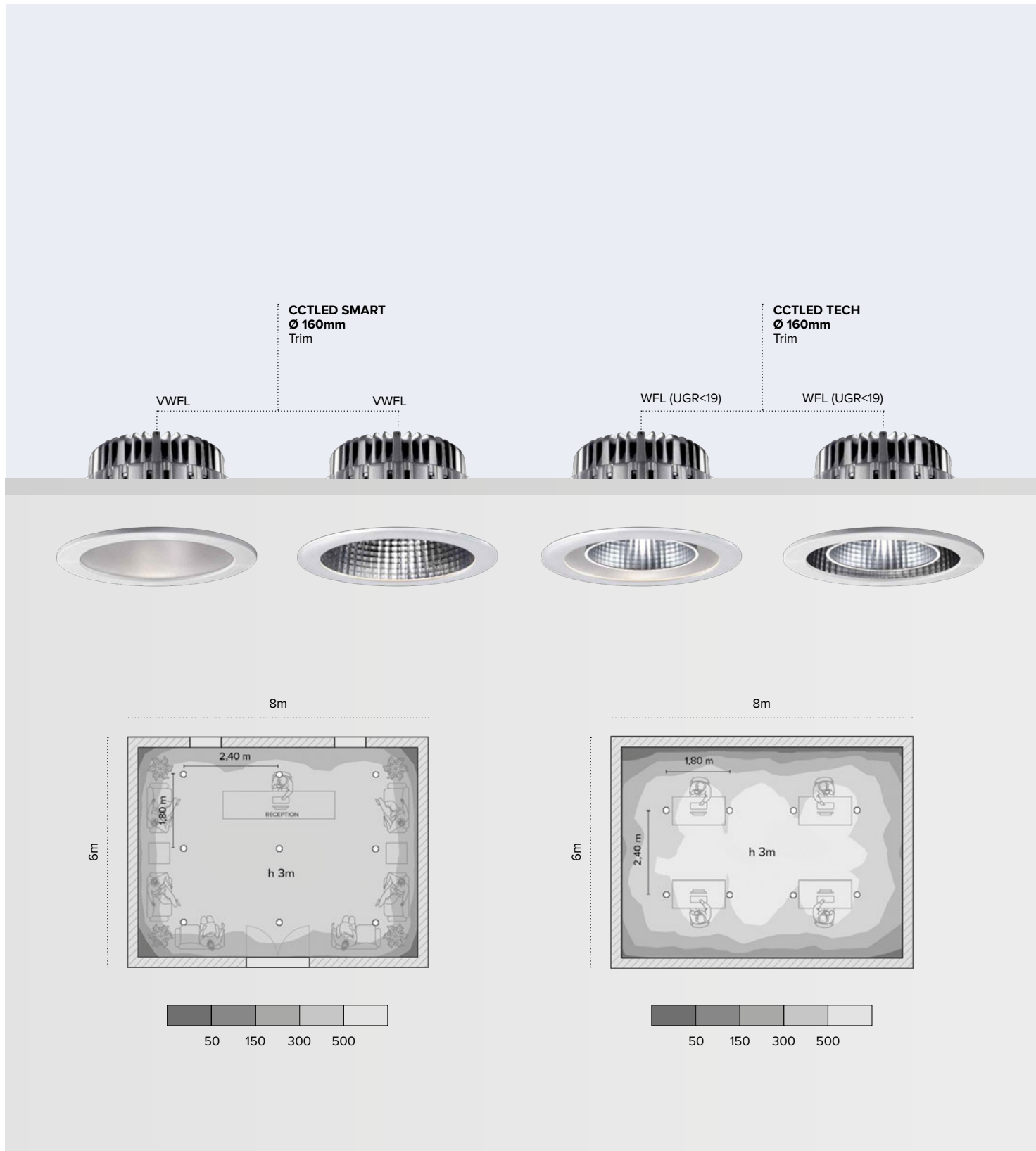
CCTLED



CCTLED is a range of essential but high-performance and efficient recessed fixtures. With a die-cast aluminium body and a natural finish to minimise its impact in the environment. Available with four different optical systems for lighting work environments – a TECH (UGR<19) optic for communal areas and libraries, comfort SMART and FEEL optics for waiting rooms and a WALL WASHER optic for lighting vertical surfaces.

				
Recessed	UGR	Soft controlled	3000K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE		
				
On-Off	Dali	220-240V	500mA	White
CONTROL	POWER SUPPLY		FINISH	



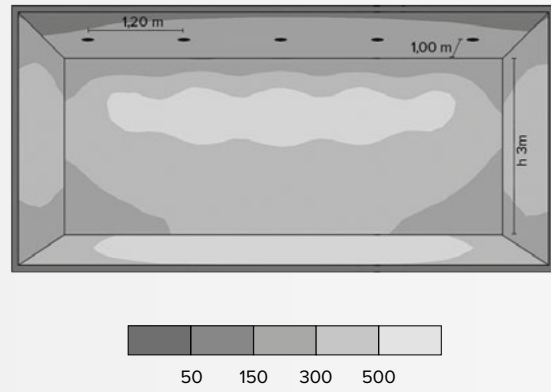
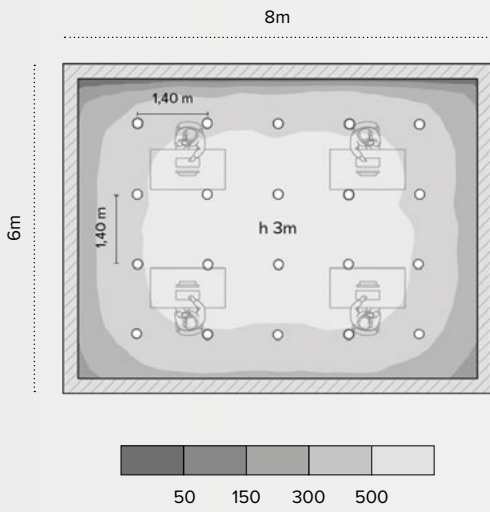


A range of high performance downlights with a diameter of 160mm. For different optical systems with a faceted or matt finish.

CCTLED FEEL
 Ø 160mm
 Trim
 VWFL (UGR<19)



CCTLED WALL WASHER
 Ø 160mm
 Trim
 WW





FEEL Optic with indirect emission

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.

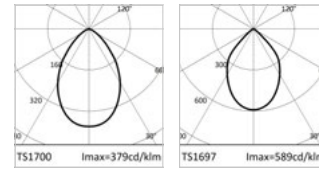




Matt

Faceted

CCTLED SMART
 Up to 129lm/W
 From 3447lm to 3642lm
 3000K - 4000K
 Ra80



Matt
 VWFL 83°

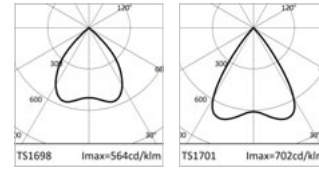
Faceted
 VWFL



Matt

Faceted

CCTLED TECH
 Up to 133lm/W
 From 2588lm to 2594lm
 3000K - 4000K
 Ra80



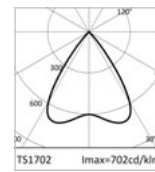
Matt
 WFL 70°

Faceted
 WFL



Matt

CCTLED FEEL
 Up to 88lm/W
 1724lm
 3000K - 4000K
 Ra80

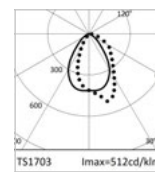


VWFL 72°



Specular

CCTLED WALL WASHER
 Up to 99lm/W
 2791lm
 3000K - 4000K
 Ra80

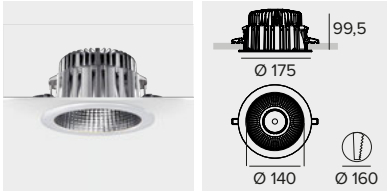


WW

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

CCTLED DOWNLIGHT Smart Facetted

220-240Vac | Ra80 | Fixture flux 3000K 3447lm

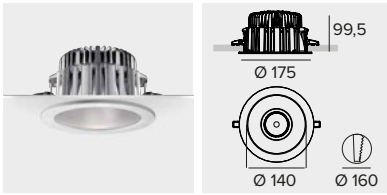


Product	Optic	Ra+K	Driver	Colour
T042	SF VWFL 77° - 29W	830 Ra80 3000K	DA DALI	PW <input type="radio"/>
		840 Ra80 4000K	EL ON-OFF	

Note Completed with decorative white rounded ring.
Accessory codes on page 57.

CCTLED DOWNLIGHT Smart Matt

220-240Vac | Ra80 | Fixture flux 3000K 3642lm

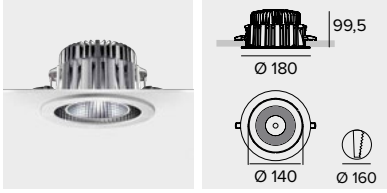


Product	Optic	Ra+K	Driver	Colour
T042	SM VWFL 83° - 29W	830 Ra80 3000K	DA DALI	PW <input type="radio"/>
		840 Ra80 4000K	EL ON-OFF	

Note Completed with decorative white rounded ring.
Accessory codes on page 57.

CCTLED DOWNLIGHT Tech Secondary Facetted | UGR

220-240Vac | Ra80 | Fixture flux 3000K 2588lm

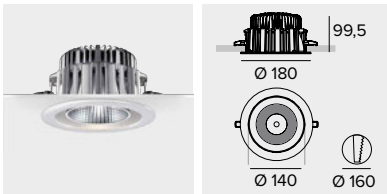


Product	Optic	Ra+K	Driver	Colour
T042	TF WFL 70° - 20W	830 Ra80 3000K	DA DALI	PW <input type="radio"/>
		840 Ra80 4000K	EL ON-OFF	

Note Completed with decorative white rounded ring.
Accessory codes on page 57.

CCTLED DOWNLIGHT Tech Secondary Matt | UGR

220-240Vac | Ra80 | Fixture flux 3000K 2594lm

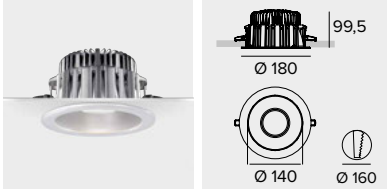


Product	Optic	Ra+K	Driver	Colour
T042	TM WFL 70° - 20W	830 Ra80 3000K	DA DALI	PW <input type="radio"/>
		840 Ra80 4000K	EL ON-OFF	

Note Completed with decorative white rounded ring.
Accessory codes on page 57.

CCTLED DOWNLIGHT Feel

220-240Vac | Ra80 | Fixture flux 3000K 1724lm

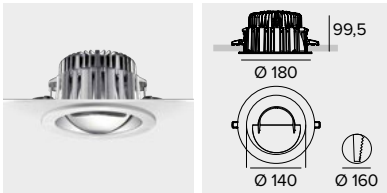


Product	Optic	Ra+K		Driver		Colour
T042	FM VWFL 72° - 20W	830	Ra80 3000K	DA	DALI	PW <input type="radio"/>
		840	Ra80 4000K	EL	ON-OFF	

Note Completed with decorative white rounded ring.
Accessory codes on page 57.

CCTLED DOWNLIGHT Wall Washer

220-240Vac | Ra80 | Fixture flux 3000K 2791lm



Product	Optic	Ra+K		Driver		Colour
T042	WW WW - 29W	830	Ra80 3000K	DA	DALI	PW <input type="radio"/>
		840	Ra80 4000K	EL	ON-OFF	

Note Completed with decorative white rounded ring.
Accessory codes on page 57.

Accessory codes

CCTLED DOWNLIGHT | Codes compatible with the whole range

Emergency Kit

Code

A059



Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

Control systems

Code

1T5349



IP20 wireless control unit with DALI interface.
More details on page 672.

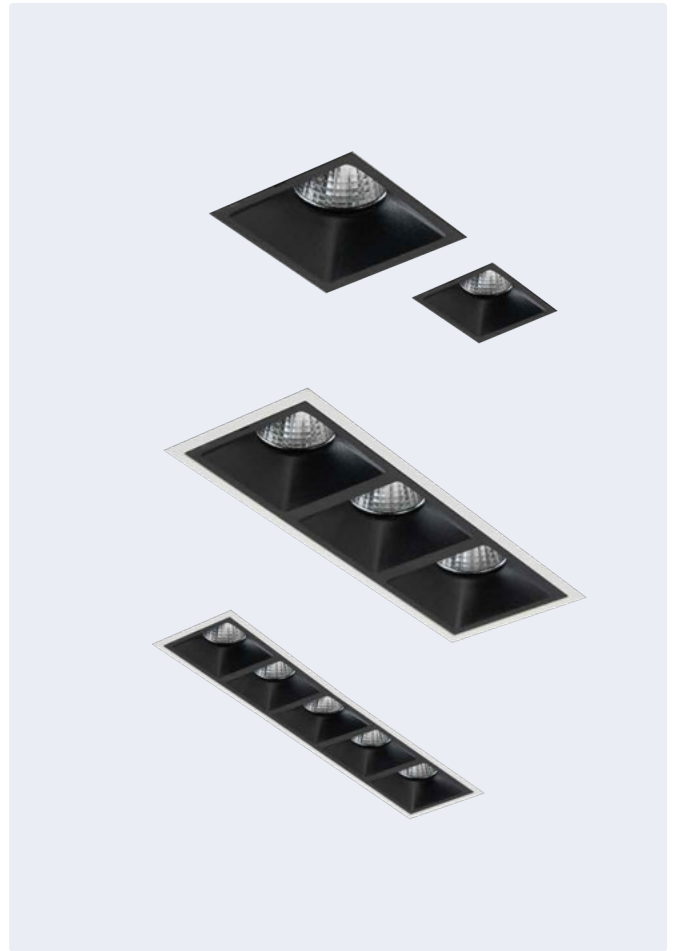
Code

2T0131




















IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.

OZ STAND ALONE RECESSED



The OZ stand alone recessed version provides downlight solutions inspired by the 48V system version. Available only in the Large and Small sizes the OZ Stand Alone recessed range includes 1x, 3x and 5x multiple solutions in black, white and trimless finishes equipped with different optical systems. Also available in a ceiling mounted version.

							
Recessed	Accent	Soft controlled	Elliptical	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE			
							
On-Off	Dali	Casambi	220-240V	600mA 900mA	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY		FINISH		
							
Emergency							
ACCESSORY							



SMALL



SMALL 1X



SMALL 3X



SMALL TRIMLESS 1X



SMALL TRIMLESS 3X

LARGE



LARGE 1X



LARGE 3X



LARGE TRIMLESS 1X



LARGE TRIMLESS 3X

Small and Large solution

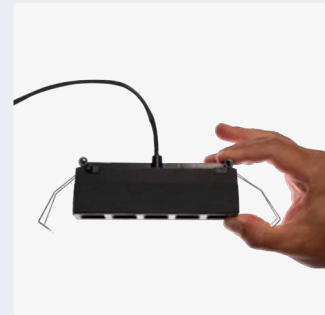
Different versions in terms of size, aesthetics, performance, and installation to always offer a valid solution to any design request.



SMALL 5X



SMALL TRIMLESS 5X



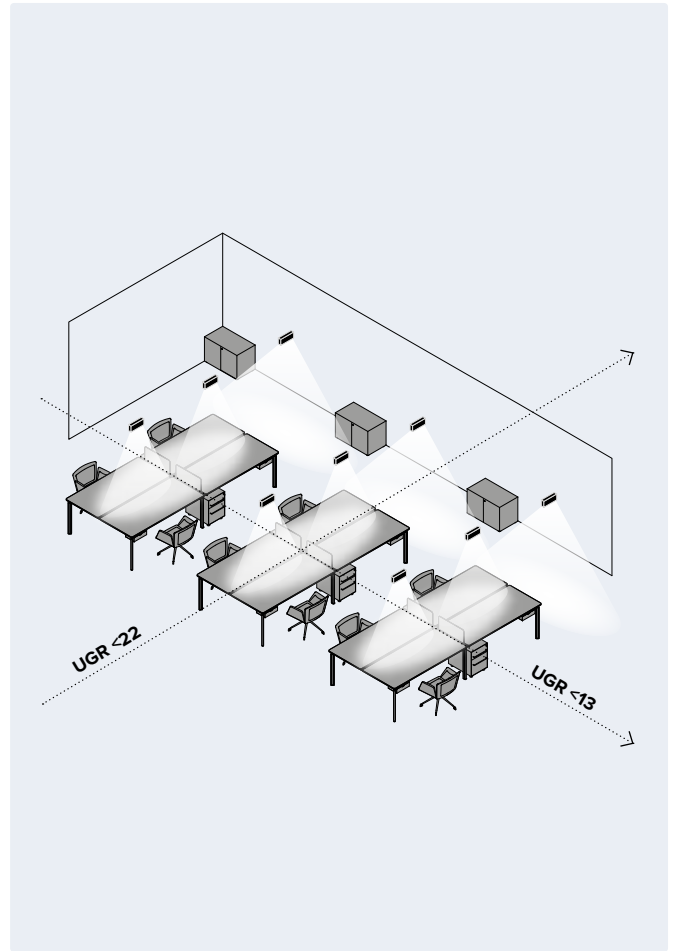
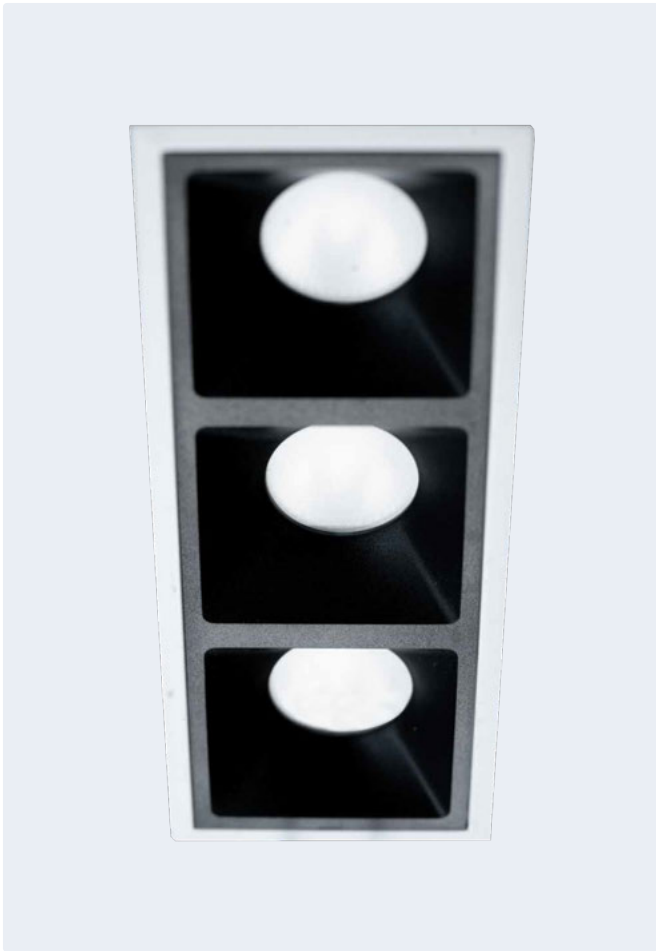
Both the Small and Large versions have a very small installation depth, just 80mm.



LARGE 5X



LARGE TRIMLESS 5X

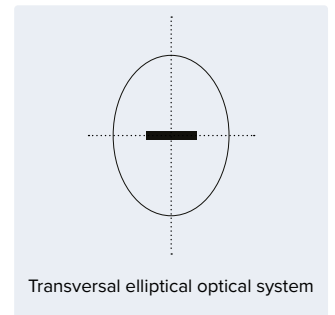
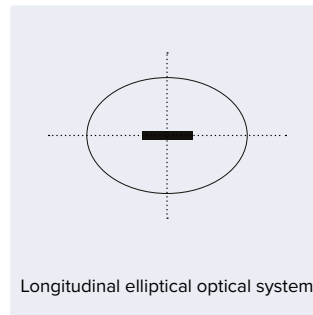


Elliptical optical systems to enhance particular spaces

The OZ elliptical optical systems are suitable for lighting long, narrow spaces such as corridors, hallways and passageways, as well as specific work areas, even in the office environment (EN12464-1).

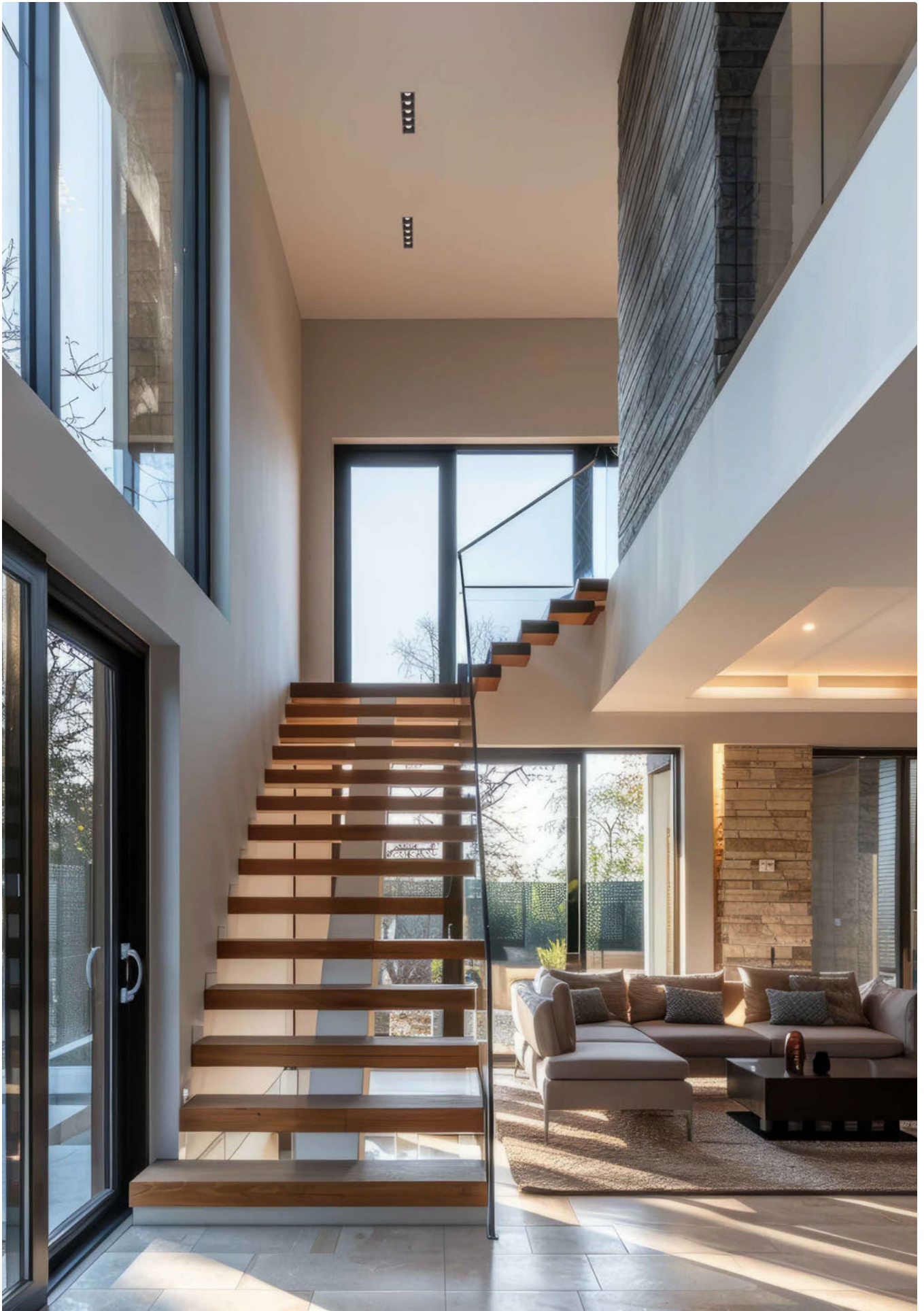
They are available in two different versions:

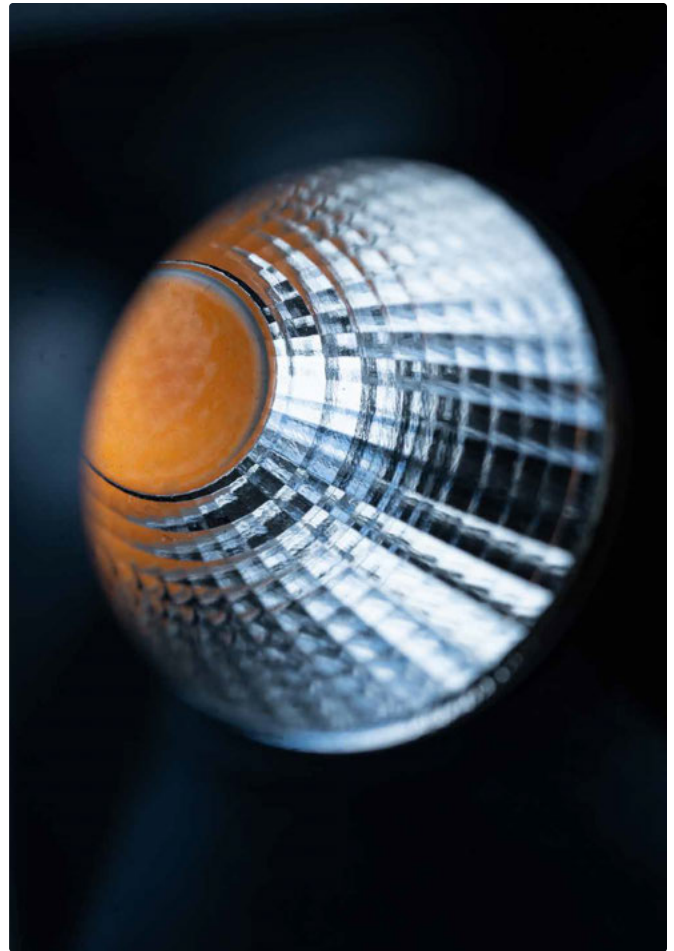
- Longitudinal elliptical optical system
- Transversal elliptical optical system



ELLIPTICAL OPTICAL SYSTEMS	UGR	
ELL longitudinal	UGR<13	UGR<22
ELT transversal	UGR<22	UGR<13

The optical systems in the OZ Stand Alone range are designed to provide precise solutions for every space. They have different effects for lighting spaces with different shapes and needs.

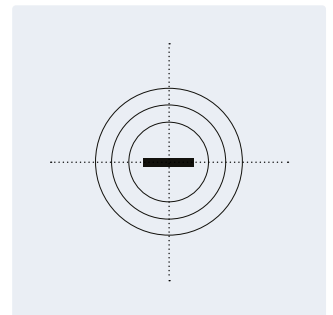
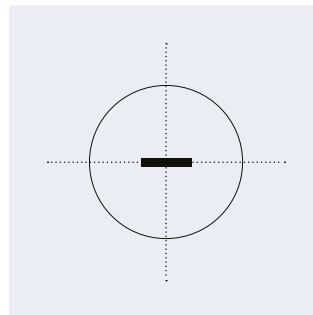




**Ambient and controlled light roto-symmetrical optical systems
SP – FL – WFL**

The OZ roto-symmetrical optical systems are suitable for lighting lounge areas, relaxation areas and all those environments where scenographic but highly controlled light is needed.

The Ambient versions are equipped with holographic filters that diffuse and soften the light.

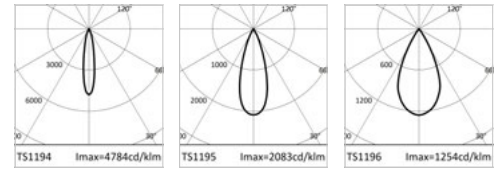


ROTO-SYMMETRICAL OPTICAL SYSTEMS	SMALL	LARGE
AM - Ambient	UGR<14,5	UGR<14,5
SP - Spot	UGR<13	UGR<17
FL - Flood	UGR<13	UGR<17
WFL - Wide Flood	UGR<13	UGR<17





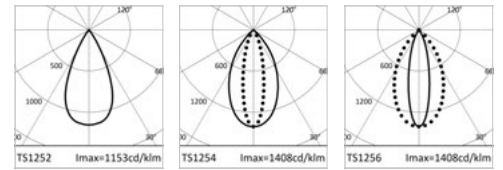
OZ LARGE
 Up to 113lm/W
 From 618lm to 3372lm
 2700K - 3000K - 3500K - 4000K
 Ra90



SP 19°

FL 34°

MWFL 50°



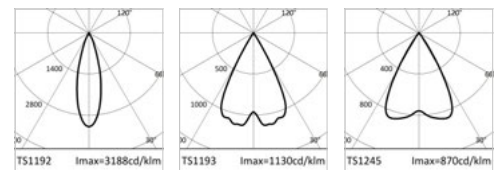
AM 49°

ELL 58° - 25°

ELT 25° - 58°



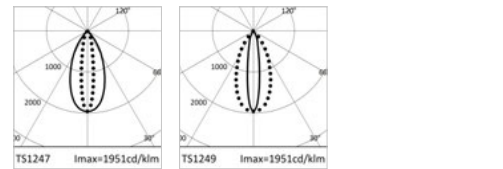
OZ SMALL
 Up to 83lm/W
 From 177lm to 663lm
 2700K - 3000K - 3500K - 4000K
 Ra90



FL 29°

WFL 56°

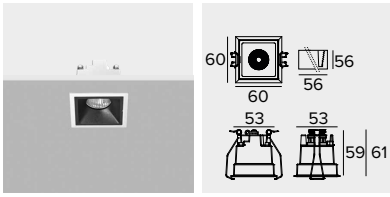
AM 60°



ELL 48° - 17°

ELT 17° - 48°

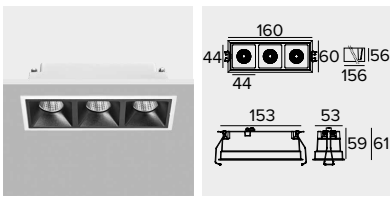
OZ Stand Alone Recessed | Large 1x | 60x60mm
 220-240Vac | Ra90 | Fixture flux 3000K from 618lm to 675lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 7W	ON-OFF	○	1T7746EL	1T7747EL	1T7748EL	1T7749EL
		●	1T7758EL	1T7759EL	1T7760EL	1T7761EL
	DALI	○	1T7746DA	1T7747DA	1T7748DA	1T7749DA
		●	1T7758DA	1T7759DA	1T7760DA	1T7761DA
FL 34° 7W	ON-OFF	○	1T7750EL	1T7751EL	1T7752EL	1T7753EL
		●	1T7762EL	1T7763EL	1T7764EL	1T7765EL
	DALI	○	1T7750DA	1T7751DA	1T7752DA	1T7753DA
		●	1T7762DA	1T7763DA	1T7764DA	1T7765DA
MWFL 50° 7W	ON-OFF	○	1T7754EL	1T7755EL	1T7756EL	1T7757EL
		●	1T7766EL	1T7767EL	1T7768EL	1T7769EL
	DALI	○	1T7754DA	1T7755DA	1T7756DA	1T7757DA
		●	1T7766DA	1T7767DA	1T7768DA	1T7769DA
AM 49° 7W	ON-OFF	○	1T8482EL	1T8483EL	1T8484EL	1T8485EL
		●	1T8486EL	1T8487EL	1T8488EL	1T8489EL
	DALI	○	1T8482DA	1T8483DA	1T8484DA	1T8485DA
		●	1T8486DA	1T8487DA	1T8488DA	1T8489DA

Note Related codes and accessory codes on page 71.

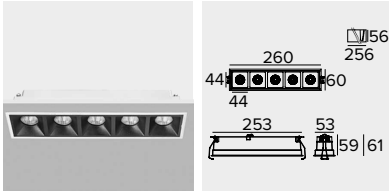
OZ Stand Alone Recessed | Large 3x | 160x60mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 20W	ON-OFF	○	1T7770EL	1T7771EL	1T7772EL	1T7773EL
		●	1T7782EL	1T7783EL	1T7784EL	1T7785EL
	DALI	○	1T7770DA	1T7771DA	1T7772DA	1T7773DA
		●	1T7782DA	1T7783DA	1T7784DA	1T7785DA
FL 34° 19W	ON-OFF	○	1T7774EL	1T7775EL	1T7776EL	1T7777EL
		●	1T7786EL	1T7787EL	1T7788EL	1T7789EL
	DALI	○	1T7774DA	1T7775DA	1T7776DA	1T7777DA
		●	1T7786DA	1T7787DA	1T7788DA	1T7789DA
MWFL 50° 19W	ON-OFF	○	1T7778EL	1T7779EL	1T7780EL	1T7781EL
		●	1T7790EL	1T7791EL	1T7792EL	1T7793EL
	DALI	○	1T7778DA	1T7779DA	1T7780DA	1T7781DA
		●	1T7790DA	1T7791DA	1T7792DA	1T7793DA
AM 49° 19W	ON-OFF	○	1T8490EL	1T8491EL	1T8492EL	1T8493EL
		●	1T8526EL	1T8527EL	1T8528EL	1T8529EL
	DALI	○	1T8490DA	1T8491DA	1T8492DA	1T8493DA
		●	1T8526DA	1T8527DA	1T8528DA	1T8529DA
ELL 11W	ON-OFF	○	1T8518EL	1T8519EL	1T8520EL	1T8521EL
		●	1T8530EL	1T8531EL	1T8532EL	1T8533EL
	DALI	○	1T8518DA	1T8519DA	1T8520DA	1T8521DA
		●	1T8530DA	1T8531DA	1T8532DA	1T8533DA
ELT 11W	ON-OFF	○	1T8522EL	1T8523EL	1T8524EL	1T8525EL
		●	1T8534EL	1T8535EL	1T8536EL	1T8537EL
	DALI	○	1T8522DA	1T8523DA	1T8524DA	1T8525DA
		●	1T8534DA	1T8535DA	1T8536DA	1T8537DA

Note Related codes and accessory codes on page 71.

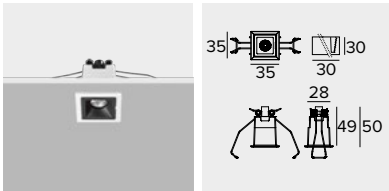
OZ Stand Alone Recessed | Large 5x | 260x60mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 35W	ON-OFF	○	1T7794EL	1T7795EL	1T7796EL	1T7797EL
		●	1T7806EL	1T7807EL	1T7808EL	1T7809EL
	DALI	○	1T7794DA	1T7795DA	1T7796DA	1T7797DA
		●	1T7806DA	1T7807DA	1T7808DA	1T7809DA
FL 34° 33W	ON-OFF	○	1T7798EL	1T7799EL	1T7800EL	1T7801EL
		●	1T7810EL	1T7811EL	1T7812EL	1T7813EL
	DALI	○	1T7798DA	1T7799DA	1T7800DA	1T7801DA
		●	1T7810DA	1T7811DA	1T7812DA	1T7813DA
MWFL 50° 33W	ON-OFF	○	1T7802EL	1T7803EL	1T7804EL	1T7805EL
		●	1T7814EL	1T7815EL	1T7816EL	1T7817EL
	DALI	○	1T7802DA	1T7803DA	1T7804DA	1T7805DA
		●	1T7814DA	1T7815DA	1T7816DA	1T7817DA
AM 49° 33W	ON-OFF	○	1T8538EL	1T8539EL	1T8540EL	1T8541EL
		●	1T8858EL	1T8859EL	1T8860EL	1T8861EL
	DALI	○	1T8538DA	1T8539DA	1T8540DA	1T8541DA
		●	1T8858DA	1T8859DA	1T8860DA	1T8861DA
ELL 21W	ON-OFF	○	1T8850EL	1T8851EL	1T8852EL	1T8853EL
		●	1T8862EL	1T8863EL	1T8864EL	1T8865EL
	DALI	○	1T8850DA	1T8851DA	1T8852DA	1T8853DA
		●	1T8862DA	1T8863DA	1T8864DA	1T8865DA
ELT 21W	ON-OFF	○	1T8854EL	1T8855EL	1T8856EL	1T8857EL
		●	1T8866EL	1T8867EL	1T8868EL	1T8869EL
	DALI	○	1T8854DA	1T8855DA	1T8856DA	1T8857DA
		●	1T8866DA	1T8867DA	1T8868DA	1T8869DA

Note Related codes and accessory codes on page 71.

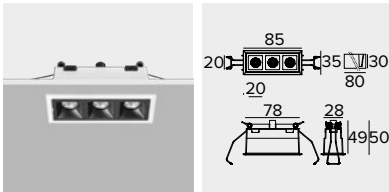
OZ Stand Alone Recessed | Small 1x | 35x35mm
 900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 3W	○	1T7606	1T7607	1T7608	1T7609
	●	1T7618	1T7619	1T7620	1T7621
WFL 56° 3W	○	1T7610	1T7611	1T7612	1T7613
	●	1T7622	1T7623	1T7624	1T7625
AM 60° 3W	○	1T8962	1T8963	1T8964	1T8965
	●	1T8966	1T8967	1T8968	1T8969

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 71.

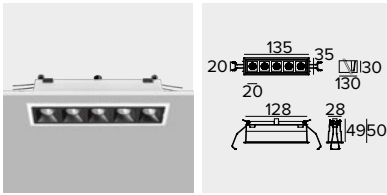
OZ Stand Alone Recessed | Small 3x | 85x35mm
 600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 5W	○	1T7630	1T7631	1T7632	1T7633
	●	1T7642	1T7643	1T7644	1T7645
WFL 56° 5W	○	1T7634	1T7635	1T7636	1T7637
	●	1T7646	1T7647	1T7648	1T7649
AM 60° 5W	○	1T8970	1T8971	1T8972	1T8973
	●	1T8982	1T8983	1T8984	1T8985
ELL 5W	○	1T8974	1T8975	1T8976	1T8977
	●	1T8986	1T8987	1T8988	1T8989
ELT 5W	○	1T8978	1T8979	1T8980	1T8981
	●	1T8990	1T8991	1T8992	1T8993

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 71.

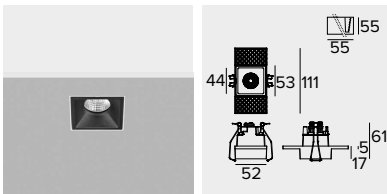
OZ Stand Alone Recessed | Small 5x | 135x35mm
 600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 9W	○	1T7654	1T7655	1T7656	1T7657
	●	1T7666	1T7667	1T7668	1T7669
WFL 56° 9W	○	1T7658	1T7659	1T7660	1T7661
	●	1T7670	1T7671	1T7672	1T7673
AM 60° 9W	○	1T8994	1T8995	1T8996	1T8997
	●	1T9006	1T9007	1T9008	1T9009
ELL 9W	○	1T8998	1T8999	1T9000	1T9001
	●	1T9010	1T9011	1T9012	1T9013
ELT 9W	○	1T9002	1T9003	1T9004	1T9005
	●	1T9014	1T9015	1T9016	1T9017

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 71.

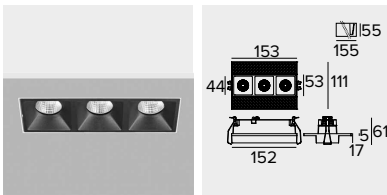
OZ Stand Alone Trimless | Large 1x | 53x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 618lm to 675lm



Optic	Driver	2700K	3000K	3500K	4000K
SP 19° 7W	ON-OFF	1T7818EL	1T7819EL	1T7820EL	1T7821EL
	DALI	1T7818DA	1T7819DA	1T7820DA	1T7821DA
FL 34° 7W	ON-OFF	1T7822EL	1T7823EL	1T7824EL	1T7825EL
	DALI	1T7822DA	1T7823DA	1T7824DA	1T7825DA
MWFL 50° 7W	ON-OFF	1T7826EL	1T7827EL	1T7828EL	1T7829EL
	DALI	1T7826DA	1T7827DA	1T7828DA	1T7829DA
AM 49° 7W	ON-OFF	1T8870EL	1T8871EL	1T8872EL	1T8873EL
	DALI	1T8870DA	1T8871DA	1T8872DA	1T8873DA

Note Related codes and accessory codes on page 71.

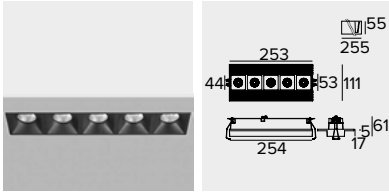
OZ Stand Alone Trimless | Large 3x | 153x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm



Optic	Driver	2700K	3000K	3500K	4000K
SP 19° 20W	ON-OFF	1T7842EL	1T7843EL	1T7844EL	1T7845EL
	DALI	1T7842DA	1T7843DA	1T7844DA	1T7845DA
FL 34° 19W	ON-OFF	1T7846EL	1T7847EL	1T7848EL	1T7849EL
	DALI	1T7846DA	1T7847DA	1T7848DA	1T7849DA
MWFL 50° 19W	ON-OFF	1T7850EL	1T7851EL	1T7852EL	1T7853EL
	DALI	1T7850DA	1T7851DA	1T7852DA	1T7853DA
AM 49° 19W	ON-OFF	1T8874EL	1T8875EL	1T8876EL	1T8877EL
	DALI	1T8874DA	1T8875DA	1T8876DA	1T8877DA
ELL 11W	ON-OFF	1T8878EL	1T8879EL	1T8880EL	1T8881EL
	DALI	1T8878DA	1T8879DA	1T8880DA	1T8881DA
ELT 11W	ON-OFF	1T8882EL	1T8883EL	1T8884EL	1T8885EL
	DALI	1T8882DA	1T8883DA	1T8884DA	1T8885DA

Note Related codes and accessory codes on page 71.

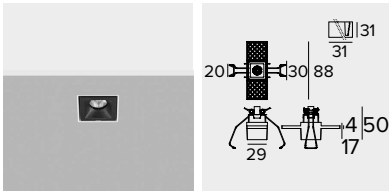
OZ Stand Alone Trimless | Large 5x | 253x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm



Optic	Driver	2700K	3000K	3500K	4000K
SP 19° 35W	ON-OFF	1T7866EL	1T7867EL	1T7868EL	1T7869EL
	DALI	1T7866DA	1T7867DA	1T7868DA	1T7869DA
FL 34° 33W	ON-OFF	1T7870EL	1T7871EL	1T7872EL	1T7873EL
	DALI	1T7870DA	1T7871DA	1T7872DA	1T7873DA
MWFL 50° 33W	ON-OFF	1T7874EL	1T7875EL	1T7876EL	1T7877EL
	DALI	1T7874DA	1T7875DA	1T7876DA	1T7877DA
AM 49° 33W	ON-OFF	1T8886EL	1T8887EL	1T8888EL	1T8889EL
	DALI	1T8886DA	1T8887DA	1T8888DA	1T8889DA
ELL 21W	ON-OFF	1T8890EL	1T8891EL	1T8892EL	1T8893EL
	DALI	1T8890DA	1T8891DA	1T8892DA	1T8893DA
ELT 21W	ON-OFF	1T8894EL	1T8895EL	1T8896EL	1T8897EL
	DALI	1T8894DA	1T8895DA	1T8896DA	1T8897DA

Note Related codes and accessory codes on page 71.

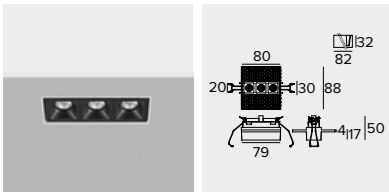
OZ Stand Alone Trimless | Small 1x | 30x30mm
 900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm



Optic	2700K	3000K	3500K	4000K
FL 29° 3W	1T7678	1T7679	1T7680	1T7681
WFL 56° 3W	1T7682	1T7683	1T7684	1T7685
AM 60° 3W	1T9018	1T9019	1T9020	1T9021

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 71.

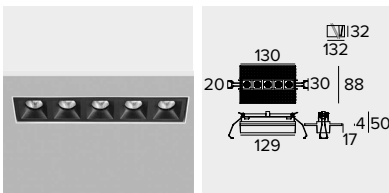
OZ Stand Alone Trimless | Small 3x | 80x30mm
 600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm



Optic	2700K	3000K	3500K	4000K
FL 29° 5W	1T7702	1T7703	1T7704	1T7705
WFL 56° 5W	1T7706	1T7707	1T7708	1T7709
AM 60° 5W	1T9022	1T9023	1T9024	1T9025
ELL 5W	1T9026	1T9027	1T9028	1T9029
ELT 5W	1T9030	1T9031	1T9032	1T9033

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 71.

OZ Stand Alone Trimless | Small 5x | 130x30mm
 600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm



Optic	2700K	3000K	3500K	4000K
FL 29° 9W	1T7726	1T7727	1T7728	1T7729
WFL 56° 9W	1T7730	1T7731	1T7732	1T7733
AM 60° 9W	1T9034	1T9035	1T9036	1T9037
ELL 9W	1T9038	1T9039	1T9040	1T9041
ELT 9W	1T9042	1T9043	1T9044	1T9045

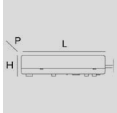
Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 71.


Related codes and accessories

OZ | Codes compatible with the whole range

Related codes


Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	110x22x52	20W	110-240Vac	600mA	IP20	1T8172EL
	110x22x52	20W 15W	220-240Vac 110-127Vac	900mA	IP20	1T5295EL
Electronic power supply.						

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	156x26x52	20W	230Vac	600mA	IP20	1T8172DA
	156x26x52	20W	230Vac	900mA	IP20	1T7686DA
DALI power supply.						

Accessory codes

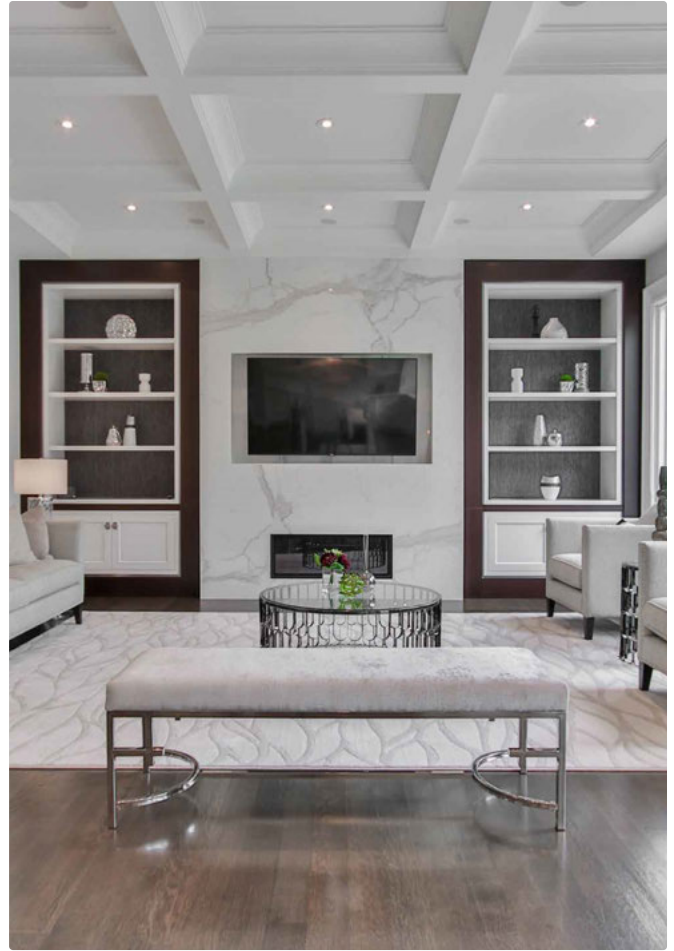
Emergency Kit

	Code
	A059
<p>Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.</p> <p>Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge.</p> <p>LED Green indicator wired to the inverter through single-core cables L= 800mm.</p> <p>Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.</p> <p>Battery size 160x54x30 mm.</p> <p>Inverter size 165x40x25 mm.</p>	












Control systems

	Code		Code
	1T5349		2T0131
<p>IP20 wireless control unit with DALI interface.</p> <p>More details on page 672.</p>		<p>IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.</p> <p>More details on page 672.</p>	

BEBOP RECESSED



A range of high performance products with simple shapes, soft lines and rounded edges. All versions have the light source set back and hidden from view to ensure excellent visual comfort. Bebop has a reduced recess depth and a polycarbonate finishing ring with a white finish that “disappears” into the ceiling creating the illusion of a plaster finish.

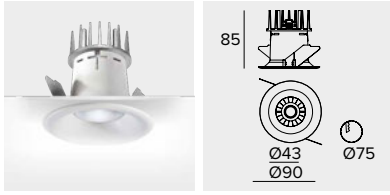
					
Recessed	Accent	Soft controlled	3000K	4000K	
INSTALLATION		LIGHT	COLOUR TEMPERATURE		
					
On-Off	Dali	Casambi	220-240V	White	Black
CONTROL			POWER SUPPLY	FINISH	

110-277V Power Supply
2700K – 3500K

ON REQUEST

BEBOP Recessed

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 882lm to 1582lm



Optic	CRI	Driver	Colour	3000K	4000K
MWFL 48° 9W	80	ON-OFF	○	1T4756EL	1T4757EL
			●	1T5406EL	1T5407EL
		DALI	○	1T4756DA	1T4757DA
	90	ON-OFF	●	1T5406DA	1T5407DA
			○	1T4756EL90	1T4757EL90
		DALI	●	1T5406EL90	1T5407EL90
MWFL 48° 16W	80	ON-OFF	○	1T4756DA90	1T4757DA90
			●	1T5406DA90	1T5407DA90
		DALI	○	1T4760EL	1T4761EL
	90	ON-OFF	●	1T5410EL	1T5411EL
			○	1T4760DA	1T4761DA
		DALI	●	1T5410DA	1T5411DA
WFL 64° 9W	80	ON-OFF	○	1T4760EL90	1T4761EL90
			●	1T5410EL90	1T5411EL90
		DALI	○	1T4760DA90	1T4761DA90
	90	ON-OFF	●	1T5410DA90	1T5411DA90
			○	1T4754EL	1T4755EL
		DALI	●	1T5408EL	1T5409EL
WFL 64° 16W	80	ON-OFF	○	1T4754DA	1T4755DA
			●	1T5408DA	1T5409DA
		DALI	○	1T4754EL90	1T4755EL90
	90	ON-OFF	●	1T5408EL90	1T5409EL90
			○	1T4754DA90	1T4755DA90
		DALI	●	1T5408DA90	1T5409DA90
WFL 64° 16W	80	ON-OFF	○	1T4758EL	1T4759EL
			●	1T5412EL	1T5413EL
		DALI	○	1T4758DA	1T4759DA
	90	ON-OFF	●	1T5412DA	1T5413DA
			○	1T4758EL90	1T4759EL90
		DALI	●	1T5412EL90	1T5413EL90
			○	1T4758DA90	1T4759DA90
			●	1T5412DA90	1T5413DA90

Note Accessory codes on page 73.

Accessory codes

BEBOP Recessed

Emergency Kit



Code

A059

Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

Control systems



Code

1T5349

IP20 wireless control unit with DALI interface.
More details on page 672.



Code















2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.

CCTEVO ARCHITECTURAL

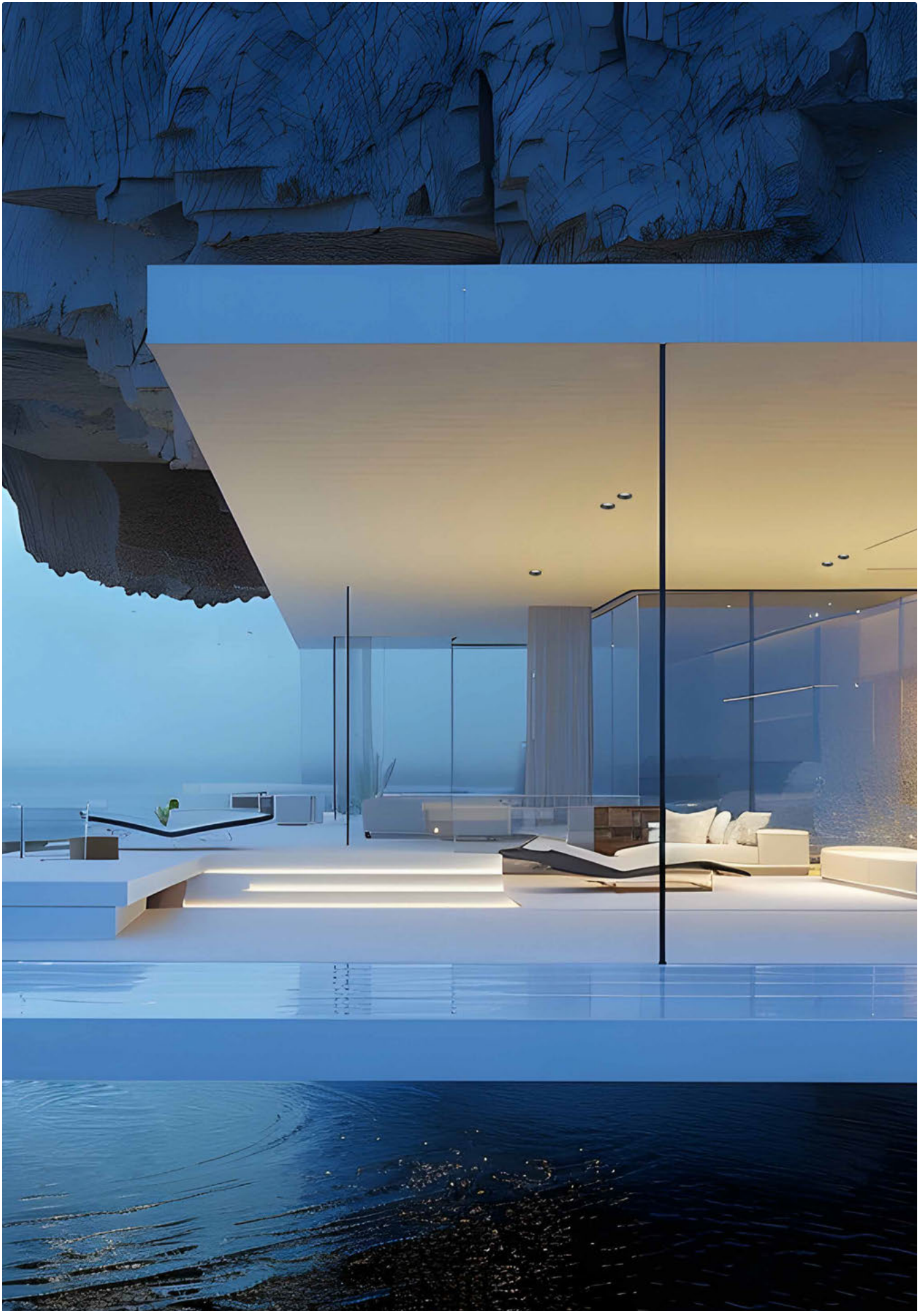


The range of CCTEvo Architectural recessed projectors are high performance with quality optical systems and attention to every aesthetic and functional detail. The design was studied to maintain the same family feeling of the Label series of track projectors, for aesthetic and performance continuity between recessed and track-mounted solutions.

						
Recessed	Accent	Soft controlled	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE		
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY	FINISH		

110-277V Power Supply
CRI 80

ON REQUEST







Ø 160mm
From 14W to 74W
Flux from 898lm to 5670lm (3000K)

Optics
NSP
SP
FL
MWFL
WFL

Ø 105mm
From 7W to 21W
Flux from 357lm to 1752lm (3000K)

Optics
NSP
SP
FL
MWFL



CCTEvo Architectural is a very versatile projector with a professional performance. Four different sizes, two colours and four different beam openings. It has two different finishes: «trim» with a white or black visible stop ring or trimless without a visible ring to be completely integrated into the plasterboard. This way the fixture becomes an integral part of the architectural environment.

Ø 78mm
From 11W to 13W
Flux from 641lm to 1187lm (3000K)

Optics
SP
FL
MWFL

Ø 58mm
From 10W to 11W
Flux from 702lm to 857lm (3000K)

Optics
SP
FL
WFL



Solutions with a trimless finish without
a visible stop ring





Reflector

The optic system with reflector makes it possible to obtain well distributed beams with a well-marked gradient (fall-off). This is an excellent compromise between high efficiency and a quality lighting effect.

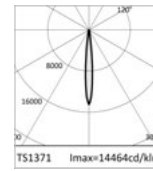
Lighting effects

CCTEvo Architectural is an extremely flexible tool. The different optics available allow from Narrow Spot to Wide Flood beam openings.

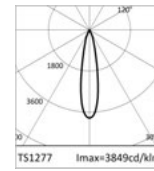


Ø160
 Up to 100lm/W
 From 898lm to 3175lm
 2700K - 3000K - 3500K - 4000K
 Ra90

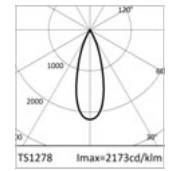
REFLECTOR



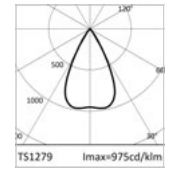
NSP 10°



SP 21°



FL 33°

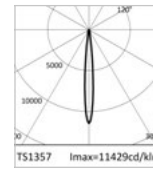


WFL 55°

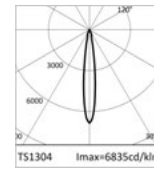


Ø105
 Up to 94lm/W
 From 357lm to 1752lm
 2700K - 3000K - 3500K - 4000K
 Ra90

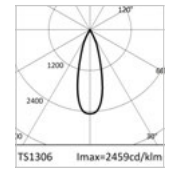
REFLECTOR



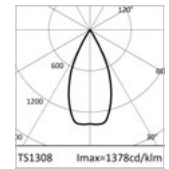
NSP 10°



SP 14°



FL 31°

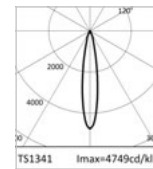


MWFL 48°

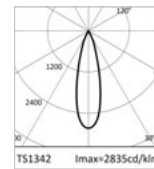


Ø78
 Up to 98lm/W
 From 641lm to 1187lm
 2700K - 3000K - 3500K - 4000K
 Ra90

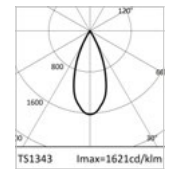
REFLECTOR



SP 18°



FL 27°

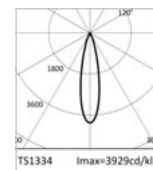


MWFL 42°

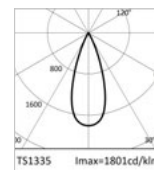


Ø58
 Up to 95lm/W
 From 702lm to 857lm
 2700K - 3000K - 3500K - 4000K
 Ra90

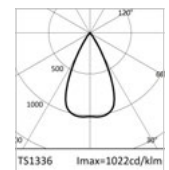
REFLECTOR



SP 23°



FL 37°



WFL 53°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



For the \varnothing 160mm and \varnothing 105mm versions there are a mechanical aiming lock and a graduated ring which make it possible to replicate aiming with multiple products even before installation.

A real recessed projector

The VCR aiming system which, by combining rotation and translation, makes it possible to have a tilt of up to 40° on the vertical plane for the \varnothing 160mm versions and up to 30° for all the other versions and of 358° on the horizontal plane.

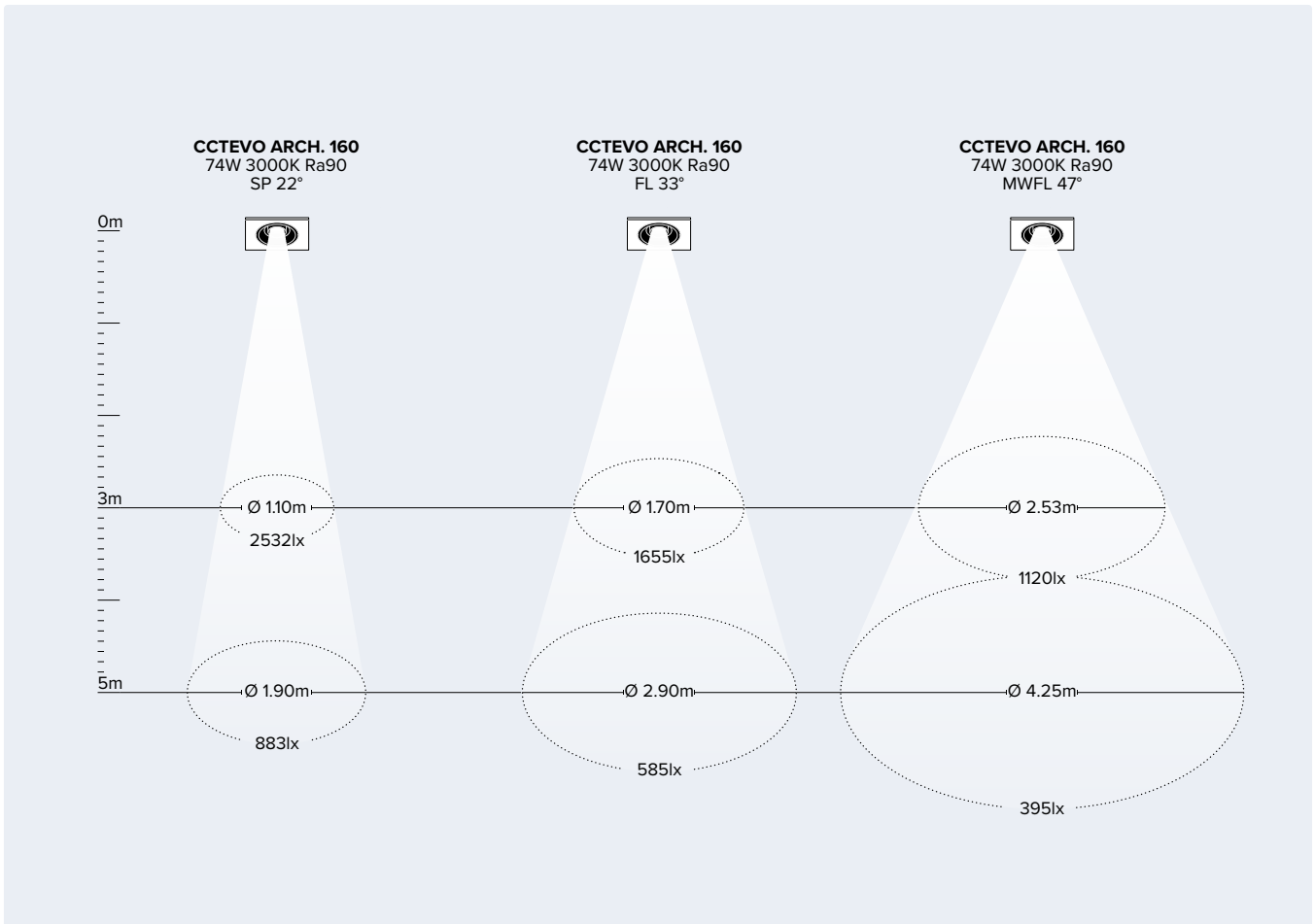
Diameter	Adjustability on the vertical plane	Adjustability on the horizontal plane	Aiming
\varnothing 160mm	Max 40° (except the 64W version)	358°	Mechanical aiming lock and graduated ring
\varnothing 105mm	Max 30°	358°	Mechanical aiming lock and graduated ring
\varnothing 78mm	Max 30°	358°	Mechanical aiming lock (access from the false ceiling)
\varnothing 58mm	Max 30°	-	Friction



The range of recessed projectors has the same family feeling and the Label range with the aim of creating aesthetic and performance continuity between products with different installation types: track, fixed, suspension or recessed projectors.

A wide range of standard finishes and on request

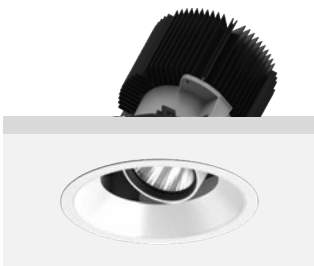
The standard finish solutions are «total white» and «total black» with or without a visible stop ring, but it is also possible to have the colours in the Colours range on request. In the Download section it is possible to download the Easy Custom Colour document with all the colours available.



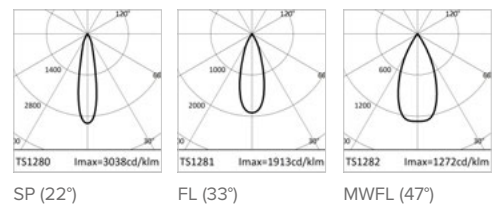
High Output version to light great heights

If it is necessary to illuminate from great heights the Architectural range also provides a “powerful” version in the Ø160 size. The visible optical part is identical to the standard versions. What changes is the heat sink, designed to dissipate the heat emanating from 66W power and 8118lm of luminous flux from the light source.

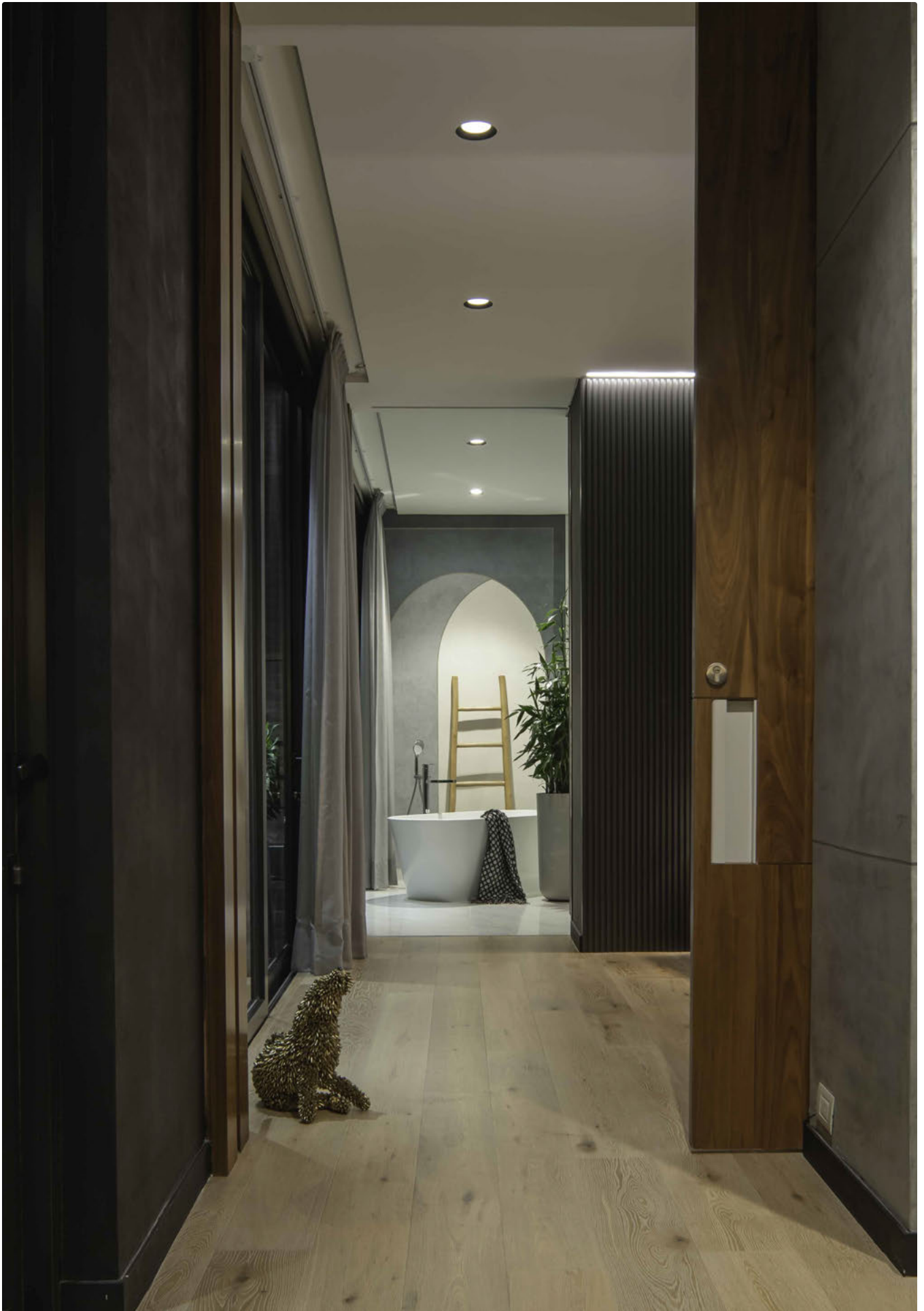
The CCTEvo Architectural High Power version makes it possible to effectively light spaces up to 5/6 metres high



Ø160 HO
 Up to 83lm/W
 From 5106lm to 5670lm
 2700K - 3000K - 3500K - 4000K
 Ra90

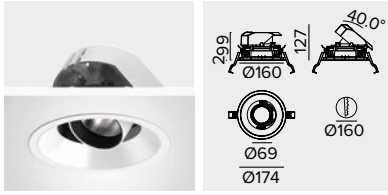


* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



CCTEVO ARCHITECTURAL 160

220-240Vac | Ra90 | Fixture flux 3000K from 898lm to 3175lm

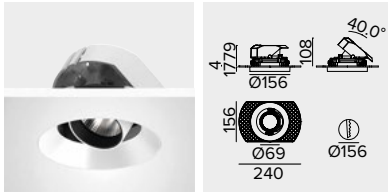


Optic	Driver	Colour	2700K	3000K	3500K	4000K
NSP 10° 14W	ON-OFF	○	1T8578EL	1T8579EL	1T8580EL	1T8581EL
		●	1T8618EL	1T8619EL	1T8620EL	1T8621EL
	DALI	○	1T8578DA	1T8579DA	1T8580DA	1T8581DA
		●	1T8618DA	1T8619DA	1T8620DA	1T8621DA
SP 21° 34W	ON-OFF	○	1T8583EL	1T8586EL	1T8589EL	1T8592EL
		●	1T8623EL	1T8626EL	1T8629EL	1T8632EL
	DALI	○	1T8583DA	1T8586DA	1T8589DA	1T8592DA
		●	1T8623DA	1T8626DA	1T8629DA	1T8632DA
FL 33° 34W	ON-OFF	○	1T8595EL	1T8598EL	1T8601EL	1T8604EL
		●	1T8635EL	1T8638EL	1T8641EL	1T8644EL
	DALI	○	1T8595DA	1T8598DA	1T8601DA	1T8604DA
		●	1T8635DA	1T8638DA	1T8641DA	1T8644DA
WFL 55° 34W	ON-OFF	○	1T8607EL	1T8610EL	1T8613EL	1T8616EL
		●	1T8647EL	1T8650EL	1T8653EL	1T8656EL
	DALI	○	1T8607DA	1T8610DA	1T8613DA	1T8616DA
		●	1T8647DA	1T8650DA	1T8653DA	1T8656DA

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 160 Trimless

220-240Vac | Ra90 | Fixture flux 3000K from 898lm to 3175lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
NSP 10° 14W	ON-OFF	○	1T8578ELTR	1T8579ELTR	1T8580ELTR	1T8581ELTR
		●	1T8618ELTR	1T8619ELTR	1T8620ELTR	1T8621ELTR
	DALI	○	1T8578DATR	1T8579DATR	1T8580DATR	1T8581DATR
		●	1T8618DATR	1T8619DATR	1T8620DATR	1T8621DATR
SP 21° 34W	ON-OFF	○	1T8583ELTR	1T8586ELTR	1T8589ELTR	1T8592ELTR
		●	1T8623ELTR	1T8626ELTR	1T8629ELTR	1T8632ELTR
	DALI	○	1T8583DATR	1T8586DATR	1T8589DATR	1T8592DATR
		●	1T8623DATR	1T8626DATR	1T8629DATR	1T8632DATR
FL 33° 34W	ON-OFF	○	1T8595ELTR	1T8598ELTR	1T8601ELTR	1T8604ELTR
		●	1T8635ELTR	1T8638ELTR	1T8641ELTR	1T8644ELTR
	DALI	○	1T8595DATR	1T8598DATR	1T8601DATR	1T8604DATR
		●	1T8635DATR	1T8638DATR	1T8641DATR	1T8644DATR
WFL 55° 34W	ON-OFF	○	1T8607ELTR	1T8610ELTR	1T8613ELTR	1T8616ELTR
		●	1T8647ELTR	1T8650ELTR	1T8653ELTR	1T8656ELTR
	DALI	○	1T8607DATR	1T8610DATR	1T8613DATR	1T8616DATR
		●	1T8647DATR	1T8650DATR	1T8653DATR	1T8656DATR

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 160 HO

220-240Vac | Ra90 | Fixture flux 3000K from 5106lm to 5670lm

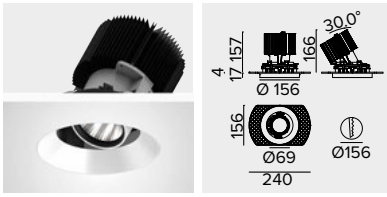


Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 22° 74W	ON-OFF	○	1T8584EL	1T8587EL	1T8590EL	1T8593EL
		●	1T8624EL	1T8627EL	1T8630EL	1T8633EL
	DALI	○	1T8584DA	1T8587DA	1T8590DA	1T8593DA
		●	1T8624DA	1T8627DA	1T8630DA	1T8633DA
FL 33° 74W	ON-OFF	○	1T8596EL	1T8599EL	1T8602EL	1T8605EL
		●	1T8636EL	1T8639EL	1T8642EL	1T8645EL
	DALI	○	1T8596DA	1T8599DA	1T8602DA	1T8605DA
		●	1T8636DA	1T8639DA	1T8642DA	1T8645DA
MWFL 47° 74W	ON-OFF	○	1T8608EL	1T8611EL	1T8614EL	1T8617EL
		●	1T8648EL	1T8651EL	1T8654EL	1T8657EL
	DALI	○	1T8608DA	1T8611DA	1T8614DA	1T8617DA
		●	1T8648DA	1T8651DA	1T8654DA	1T8657DA

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 160 HO Trimless

220-240Vac | Ra90 | Fixture flux 3000K from 5106lm to 5670lm

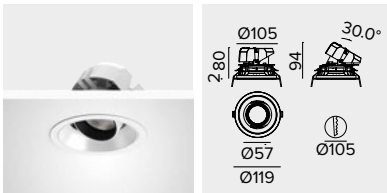


Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 22° 74W	ON-OFF	○	1T8584ELTR	1T8587ELTR	1T8590ELTR	1T8593ELTR
		●	1T8624ELTR	1T8627ELTR	1T8630ELTR	1T8633ELTR
	DALI	○	1T8584DATR	1T8587DATR	1T8590DATR	1T8593DATR
		●	1T8624DATR	1T8627DATR	1T8630DATR	1T8633DATR
FL 33° 74W	ON-OFF	○	1T8596ELTR	1T8599ELTR	1T8602ELTR	1T8605ELTR
		●	1T8636ELTR	1T8639ELTR	1T8642ELTR	1T8645ELTR
	DALI	○	1T8596DATR	1T8599DATR	1T8602DATR	1T8605DATR
		●	1T8636DATR	1T8639DATR	1T8642DATR	1T8645DATR
MWFL 47° 74W	ON-OFF	○	1T8608ELTR	1T8611ELTR	1T8614ELTR	1T8617ELTR
		●	1T8648ELTR	1T8651ELTR	1T8654ELTR	1T8657ELTR
	DALI	○	1T8608DATR	1T8611DATR	1T8614DATR	1T8617DATR
		●	1T8648DATR	1T8651DATR	1T8654DATR	1T8657DATR

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 105

220-240Vac | Ra90 | Fixture flux 3000K from 357lm to 1752lm

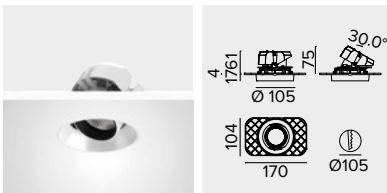


Optic	Driver	Colour	2700K	3000K	3500K	4000K
NSP 10° 7W	ON-OFF	○	1T8698EL	1T8699EL	1T8700EL	1T8701EL
		●	1T8738EL	1T8739EL	1T8740EL	1T8741EL
	DALI	○	1T8698DA	1T8699DA	1T8700DA	1T8701DA
		●	1T8738DA	1T8739DA	1T8740DA	1T8741DA
SP 14° 21W	ON-OFF	○	1T8703EL	1T8706EL	1T8709EL	1T8712EL
		●	1T8743EL	1T8746EL	1T8749EL	1T8752EL
	DALI	○	1T8703DA	1T8706DA	1T8709DA	1T8712DA
		●	1T8743DA	1T8746DA	1T8749DA	1T8752DA
FL 31° 20W	ON-OFF	○	1T8715EL	1T8718EL	1T8721EL	1T8724EL
		●	1T8755EL	1T8758EL	1T8761EL	1T8764EL
	DALI	○	1T8715DA	1T8718DA	1T8721DA	1T8724DA
		●	1T8755DA	1T8758DA	1T8761DA	1T8764DA
MWFL 48° 20W	ON-OFF	○	1T8727EL	1T8730EL	1T8733EL	1T8736EL
		●	1T8767EL	1T8770EL	1T8773EL	1T8776EL
	DALI	○	1T8727DA	1T8730DA	1T8733DA	1T8736DA
		●	1T8767DA	1T8770DA	1T8773DA	1T8776DA

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 105 Trimless

220-240Vac | Ra90 | Fixture flux 3000K from 357lm to 1752lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
NSP 10° 7W	ON-OFF	○	1T8698ELTR	1T8699ELTR	1T8700ELTR	1T8701ELTR
		●	1T8738ELTR	1T8739ELTR	1T8740ELTR	1T8741ELTR
	DALI	○	1T8698DATR	1T8699DATR	1T8700DATR	1T8701DATR
		●	1T8738DATR	1T8739DATR	1T8740DATR	1T8741DATR
SP 14° 21W	ON-OFF	○	1T8703ELTR	1T8706ELTR	1T8709ELTR	1T8712ELTR
		●	1T8743ELTR	1T8746ELTR	1T8749ELTR	1T8752ELTR
	DALI	○	1T8703DATR	1T8706DATR	1T8709DATR	1T8712DATR
		●	1T8743DATR	1T8746DATR	1T8749DATR	1T8752DATR
FL 31° 20W	ON-OFF	○	1T8715ELTR	1T8718ELTR	1T8721ELTR	1T8724ELTR
		●	1T8755ELTR	1T8758ELTR	1T8761ELTR	1T8764ELTR
	DALI	○	1T8715DATR	1T8718DATR	1T8721DATR	1T8724DATR
		●	1T8755DATR	1T8758DATR	1T8761DATR	1T8764DATR
MWFL 48° 20W	ON-OFF	○	1T8727ELTR	1T8730ELTR	1T8733ELTR	1T8736ELTR
		●	1T8767ELTR	1T8770ELTR	1T8773ELTR	1T8776ELTR
	DALI	○	1T8727DATR	1T8730DATR	1T8733DATR	1T8736DATR
		●	1T8767DATR	1T8770DATR	1T8773DATR	1T8776DATR

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 78

220-240Vac | Ra90 | Fixture flux 3000K from 641lm to 1187lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 18° 11W	ON-OFF	○	●	1T7886EL	1T7887EL	1T7888EL	1T7889EL
		DALI	○	●	1T7886DA	1T7887DA	1T7888DA	1T7889DA
	FL 27° 13W	ON-OFF	○	●	1T8818EL	1T8819EL	1T8820EL	1T8821EL
		DALI	○	●	1T8818DA	1T8819DA	1T8820DA	1T8821DA
	MWFL 42° 13W	ON-OFF	○	●	1T8822EL	1T8823EL	1T8824EL	1T8825EL
		DALI	○	●	1T8822DA	1T8823DA	1T8824DA	1T8825DA
			●	1T8834DA	1T8835DA	1T8836DA	1T8837DA	

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 78 Trimless

220-240Vac | Ra90 | Fixture flux 3000K from 641lm to 1187lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 18° 11W	ON-OFF	○	●	1T7886ELTR	1T7887ELTR	1T7888ELTR	1T7889ELTR
		DALI	○	●	1T7886DATR	1T7887DATR	1T7888DATR	1T7889DATR
	FL 27° 13W	ON-OFF	○	●	1T8818ELTR	1T8819ELTR	1T8820ELTR	1T8821ELTR
		DALI	○	●	1T8818DATR	1T8819DATR	1T8820DATR	1T8821DATR
	MWFL 42° 13W	ON-OFF	○	●	1T8822ELTR	1T8823ELTR	1T8824ELTR	1T8825ELTR
		DALI	○	●	1T8822DATR	1T8823DATR	1T8824DATR	1T8825DATR
			●	1T8834DATR	1T8835DATR	1T8836DATR	1T8837DATR	

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 58

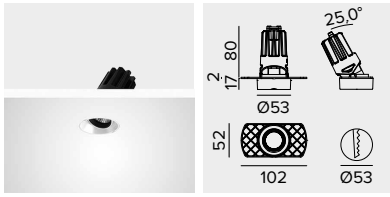
220-240Vac | Ra90 | Fixture flux 3000K from 702lm to 857lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 23° 11W	ON-OFF	○	●	1T8446EL	1T8447EL	1T8448EL	1T8449EL
		DALI	○	●	1T8446DA	1T8447DA	1T8448DA	1T8449DA
	FL 37° 10W	ON-OFF	○	●	1T8450EL	1T8451EL	1T8452EL	1T8453EL
		DALI	○	●	1T8450DA	1T8451DA	1T8452DA	1T8453DA
	WFL 53° 10W	ON-OFF	○	●	1T8454EL	1T8455EL	1T8456EL	1T8457EL
		DALI	○	●	1T8454DA	1T8455DA	1T8456DA	1T8457DA
			●	1T8478DA	1T8479DA	1T8480DA	1T8481DA	

Note Accessory codes on page 90.

CCTEVO ARCHITECTURAL 58 Trimless

220-240Vac | Ra90 | Fixture flux 3000K from 702lm to 857lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 23° 11W	ON-OFF	○	1T8446ELTR	1T8447ELTR	1T8448ELTR	1T8449ELTR
		●	1T8470ELTR	1T8471ELTR	1T8472ELTR	1T8473ELTR
	DALI	○	1T8446DATR	1T8447DATR	1T8448DATR	1T8449DATR
		●	1T8470DATR	1T8471DATR	1T8472DATR	1T8473DATR
FL 37° 10W	ON-OFF	○	1T8450ELTR	1T8451ELTR	1T8452ELTR	1T8453ELTR
		●	1T8474ELTR	1T8475ELTR	1T8476ELTR	1T8477ELTR
	DALI	○	1T8450DATR	1T8451DATR	1T8452DATR	1T8453DATR
		●	1T8474DATR	1T8475DATR	1T8476DATR	1T8477DATR
WFL 53° 10W	ON-OFF	○	1T8454ELTR	1T8455ELTR	1T8456ELTR	1T8457ELTR
		●	1T8478ELTR	1T8479ELTR	1T8480ELTR	1T8481ELTR
	DALI	○	1T8454DATR	1T8455DATR	1T8456DATR	1T8457DATR
		●	1T8478DATR	1T8479DATR	1T8480DATR	1T8481DATR

Note Accessory codes on page 90.

Accessory codes

CCTEVO ARCHITECTURAL 160

Filter

	Ø mm	Code
	63	1T8094

Holographic PMMA filter with blade of light effect. Allows the beam to be made oval; combined with spot and flood optics the effect appears more pronounced. Cannot be used with HO versions.

Grid

	Ø mm	Code
	63	1T8093

Anti-glare louver. Black painted metal honeycomb structure. Cannot be used with HO versions.

Accessory codes

CCTEVO ARCHITECTURAL 105

Filter

	Ø mm	Code
	50	1T4721

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

Grid

	Ø mm	Code
	50	1T4322

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

Accessory codes

CCTEVO ARCHITECTURAL 78

Filter

	Ø mm	Code
	34	1T6931

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

Grid

	Ø mm	Code
	34	1T6930

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

Accessory codes

CCTEVO ARCHITECTURAL | Codes compatible with the whole range

Mounting System

	L mm	Code
	2500	1T9606

Anti-fall safety cable to secure the body of the appliance to the building structure.

Accessory codes

CCTEVO ARCHITECTURAL | Codes compatible with the whole range

Accessory codes















Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

CCTEVO EXTRACTABLE

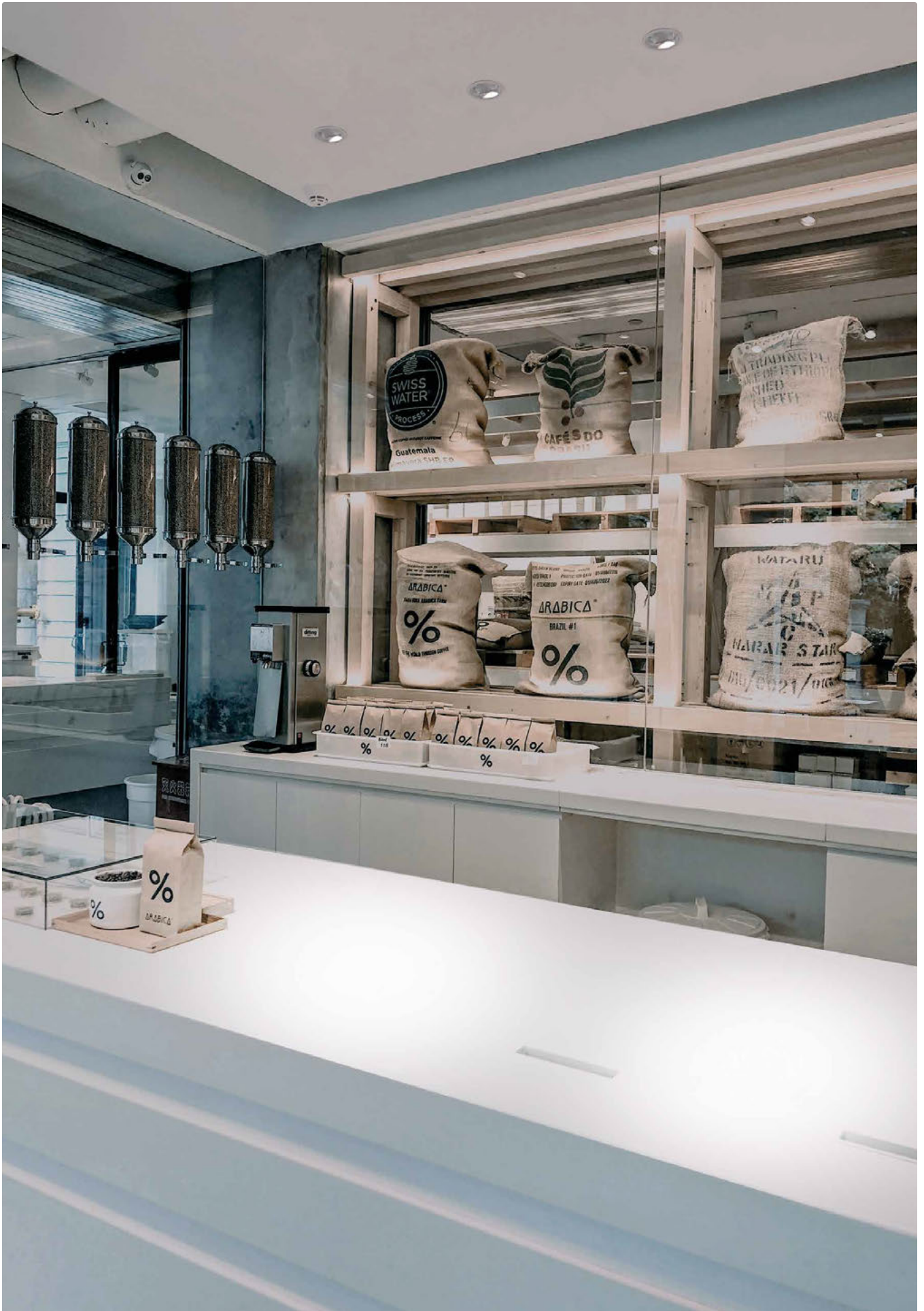


A range of professional performance extractable recessed projectors with extensive flexibility. The optical unit can be set back completely for maximum formal simplicity or extracted up to 75° to ensure the light reaches everywhere in the space.

						
Recessed	Accent	Soft controlled	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE		
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY	FINISH		

110-277V power supply
CRI 80

ON REQUEST





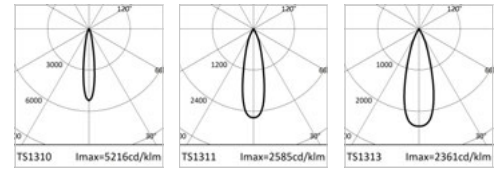
It is possible to continuously adjust the optical unit from -25° to 75° on the vertical plane and by 355° on the horizontal plane. The optical unit can also be set back into the false ceiling to completely hide the light emission.

The two sizes $\varnothing 162\text{mm}$ and $\varnothing 125\text{mm}$ are available with five different beam openings and with four different colour temperatures. A wide range of professional lighting solutions.

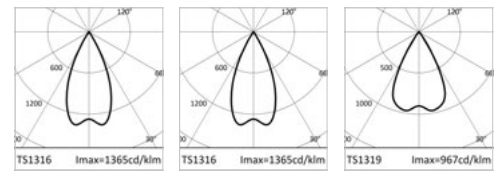


Ø162MM
 Up to 101lm/W
 From 3735lm to 5274lm
 2700K - 3000K - 3500K - 4000K
 Ra90

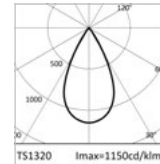
REFLECTOR



SP 17° FL 27° (55W) FL 32° (41W)



MWFL 48° (41W) MWFL 48° (55W) WFL 57° (41W)

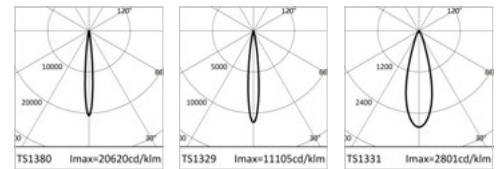


WFL 53° (55W)

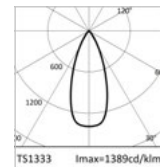


Ø125MM
 Up to 96lm/W
 From 502lm to 1824lm
 2700K - 3000K - 3500K - 4000K
 Ra90

LENS



NSP 10° SP 13° FL 29°



MWFL 41°

Two optical systems

CCTEvo Extractable is an extremely flexible tool. The different optical systems available allow for Narrow Spot, Spot, Flood, Medium Wide Flood and Wide Flood beam openings. The small version Ø125mm has a lenticular optical system for more defined beams, while the large version (Ø162mm) has a reflector optical system for soft effects with low visual contrast.



Lens

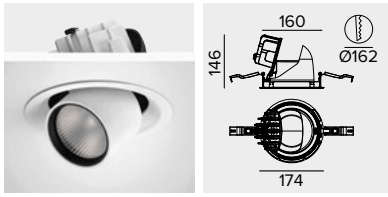


Reflector

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

CCTEVO EXTRACTABLE 162

220-240Vac | Ra90 | Fixture flux 3000K from 3735lm to 5274lm

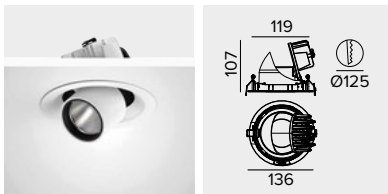


Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 17° 41W	ON-OFF	○	1T9101EL	1T9104EL	1T9107EL	1T9110EL
		●	1T9149EL	1T9152EL	1T9155EL	1T9158EL
	DALI	○	1T9101DA	1T9104DA	1T9107DA	1T9110DA
		●	1T9149DA	1T9152DA	1T9155DA	1T9158DA
FL 27° 55W	ON-OFF	○	1T9102EL	1T9105EL	1T9108EL	1T9111EL
		●	1T9150EL	1T9153EL	1T9156EL	1T9159EL
	DALI	○	1T9102DA	1T9105DA	1T9108DA	1T9111DA
		●	1T9150DA	1T9153DA	1T9156DA	1T9159DA
FL 32° 41W	ON-OFF	○	1T9113EL	1T9116EL	1T9119EL	1T9122EL
		●	1T9161EL	1T9164EL	1T9167EL	1T9170EL
	DALI	○	1T9113DA	1T9116DA	1T9119DA	1T9122DA
		●	1T9161DA	1T9164DA	1T9167DA	1T9170DA
MWFL 48° 41W	ON-OFF	○	1T9125EL	1T9128EL	1T9131EL	1T9134EL
		●	1T9173EL	1T9176EL	1T9179EL	1T9182EL
	DALI	○	1T9125DA	1T9128DA	1T9131DA	1T9134DA
		●	1T9173DA	1T9176DA	1T9179DA	1T9182DA
MWFL 48° 55W	ON-OFF	○	1T9126EL	1T9129EL	1T9132EL	1T9135EL
		●	1T9174EL	1T9177EL	1T9180EL	1T9183EL
	DALI	○	1T9126DA	1T9129DA	1T9132DA	1T9135DA
		●	1T9174DA	1T9177DA	1T9180DA	1T9183DA
WFL 57° 41W	ON-OFF	○	1T9137EL	1T9140EL	1T9143EL	1T9146EL
		●	1T9185EL	1T9188EL	1T9191EL	1T9194EL
	DALI	○	1T9137DA	1T9140DA	1T9143DA	1T9146DA
		●	1T9185DA	1T9188DA	1T9191DA	1T9194DA
WFL 53° 55W	ON-OFF	○	1T9138EL	1T9141EL	1T9144EL	1T9147EL
		●	1T9186EL	1T9189EL	1T9192EL	1T9195EL
	DALI	○	1T9138DA	1T9141DA	1T9144DA	1T9147DA
		●	1T9186DA	1T9189DA	1T9192DA	1T9195DA

Note Accessory codes on page 97.

CCTEVO EXTRACTABLE 125

220-240Vac | Ra90 | Fixture flux 3000K from 502lm to 1824lm

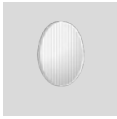
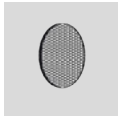




Optic	Driver	Colour	2700K	3000K	3500K	4000K
NSP 10° 7W	ON-OFF	○	1T9224EL	1T9225EL	1T9226EL	1T9227EL
		●	1T9280EL	1T9281EL	1T9282EL	1T9283EL
	DALI	○	1T9224DA	1T9225DA	1T9226DA	1T9227DA
		●	1T9280DA	1T9281DA	1T9282DA	1T9283DA
SP 13° 22W	ON-OFF	○	1T9229EL	1T9231EL	1T9233EL	1T9235EL
		●	1T9285EL	1T9287EL	1T9289EL	1T9291EL
	DALI	○	1T9229DA	1T9231DA	1T9233DA	1T9235DA
		●	1T9285DA	1T9287DA	1T9289DA	1T9291DA
FL 29° 21W	ON-OFF	○	1T9237EL	1T9239EL	1T9241EL	1T9243EL
		●	1T9293EL	1T9295EL	1T9297EL	1T9299EL
	DALI	○	1T9237DA	1T9239DA	1T9241DA	1T9243DA
		●	1T9293DA	1T9295DA	1T9297DA	1T9299DA
MWFL 41° 21W	ON-OFF	○	1T9245EL	1T9247EL	1T9249EL	1T9251EL
		●	1T9301EL	1T9303EL	1T9305EL	1T9307EL
	DALI	○	1T9245DA	1T9247DA	1T9249DA	1T9251DA
		●	1T9301DA	1T9303DA	1T9305DA	1T9307DA

Note Accessory codes on page 97.

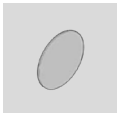

Accessory codes

CCTEVO EXTRACTABLE 162

Filter			Grid		
	Ø mm	Code		Ø mm	Code
	70	1T1708		70	1T1711
		Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with a dedicated holder ring 1T3727. Cannot be used with versions from 48W (nominal power) - 55W (fixture power).			Anti-glare louver. Black painted metal honeycomb structure. To be completed with a dedicated holder ring 1T3727. Cannot be used with versions from 48W (nominal power) - 55W (fixture power).
Cut-off			Holder Ring		
	Ø mm	Code		Code	
	80	1T3142		1T3727	
		Cut-off Tube. Allows for the beam to be focused while removing the fall-off component. Cannot be used with versions from 48W (nominal power) - 55W (fixture power).		Transparent polycarbonate accessory holder ring.	

Accessory codes


CCTEVO EXTRACTABLE 125

Filter			Grid		
	Ø mm	Code		Ø mm	Code
	50	1T4721		50	1T4322
		PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.			Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.

Accessory codes

CCTEVO EXTRACTABLE | Codes compatible with the whole range

Mounting System

	L mm	Code
	2500	1T9606
		Anti-fall safety cable to secure the body of the appliance to the building structure.

Control systems

	Code		Code
	1T5349		2T0131
	IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.

PROJECTORS

Indoor

Projectors | on Track



ZENO

100



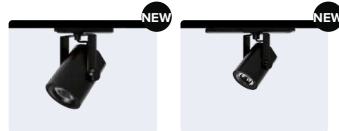
Ø 184mm

Ø 134mm

Ø 105mm

RAY

116



Ø 115mm

Ø 75mm

LABEL

130



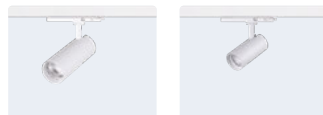
Ø 87mm

Ø 74mm

Ø 59mm

CAPSULE

140

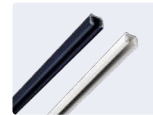


Ø 70mm

Ø 60mm

TRACKS
EUROSTANDARD

144



Projectors | Surface



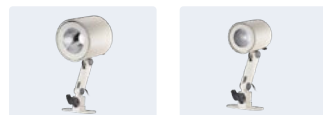
JEDI COMPACT
INDOOR

150



CORO

156



Ø 119mm

Ø 82mm

VOLTA














166





The Zeno range of professional projectors has evolved and been renewed. Today the design of the range is even more elegant and discrete thanks to the use of retractable adapters, and the performance is improved thanks to the use of next generation LED sources and the range of optics available has been expanded. Specially designed for professional lighting they are ideal for museum, hospitality and retail environments thanks to the quality of the sources and the range of professional optical systems.

ZENO

						
Track	Accent	Soft controlled	Wall washer	3000K	4000K	
INSTALLATION	LIGHT			COLOUR TEMPERATURE		
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL	POWER SUPPLY			FINISH		ON REQUEST
						3500K 110-277Vac power supply



Ø 105mm

Power
From 11W to 19W

Beam opening
Narrow Spot
Spot
Flood
Medium Wide Flood

Control
ON-OFF
DALI
Casambi



ZENO is available in three different sizes
- Ø105mm, Ø130mm, Ø180mm all with a
minimal design, cutting edge optical systems
and high quality LED sources.

Ø 130mm

Power
From 25W to 29W

Beam opening
Narrow Spot
Spot
Flood
Medium Wide Flood
Zoom
Wall Washer

Control
ON-OFF
DALI
Casambi

Ø 180mm

Power
From 30W to 43W
HO version from 57W to 58W

Beam opening
Narrow Spot
Spot
Flood
Wide Flood
Wall Washer

Control
ON-OFF
DALI
Casambi





Spot and Flood Optics

The optical system with lenses Zeno is equipped with makes it possible to obtain precise beams with fall-off reduced to a minimum, particularly ideal for museum lighting. It is possible to choose from various emissions from Narrow Spot (only for the $\phi 105\text{mm}$ version) to Spot. and Flood.



Narrow Spot Comfort

In the Zeno $\phi 130\text{mm}$ and $\phi 180\text{mm}$ sizes the Narrow Spot version is equipped with an indirect light Comfort optical system that makes it possible to obtain an extremely precise and defined narrow (9°) beam opening. The source is hidden from view and facing the reflector. This makes Zeno ideal for museum lighting or where it is necessary to have narrow beams with fall-off reduced to a minimum.

The Zeno range features cutting edge optical systems all developed inside the Targetti Optic Division.



Precision Zoom Optic

Zeno \varnothing 130mm with the Zoom optical system is the ideal system to change the beam when needed in manual mode. A single optical system makes it possible to have a variable beam with continuity from Spot to Flood.



Wall Washer Optic

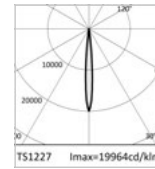
The wall washer optic makes it possible to light wide vertical surfaces in a homogeneous and precise way. The optical system was developed to ensure maximum lighting uniformity across the entire vertical surface with a large pitch between fixtures.





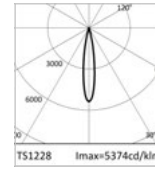
Ø180
 Up to 103lm/W
 From 1807lm to 4970lm
 3000K - 4000K
 Ra90

INDIRECT

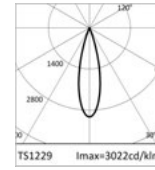


NSP 9°

HYBRID

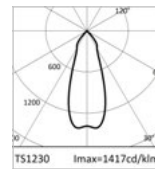


SP 17°

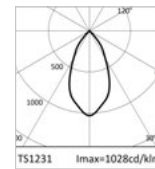


FL 27°

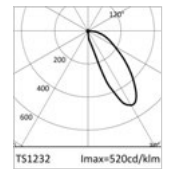
REFLECTOR



FL 38°



WFL 52°

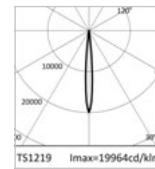


WW



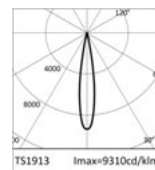
Ø130
 Up to 93lm/W
 From 525lm to 2527lm
 3000K - 4000K
 Ra90

INDIRECT

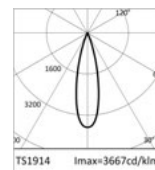


NSP 9°

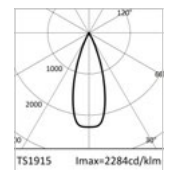
LENS



SP 17°

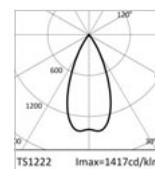


FL 26°

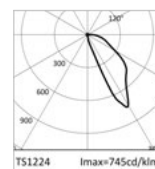


FL 36°

REFLECTOR



MWFL 46°

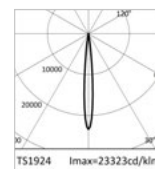


WW

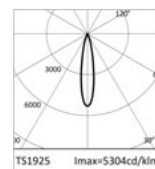


Ø105
 Up to 109lm/W
 From 827lm to 1909lm
 3000K - 4000K
 Ra90

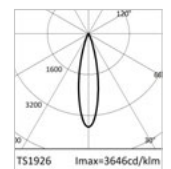
LENS



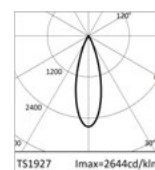
NSP 10°



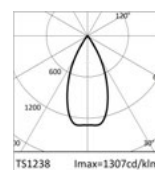
SP 19°



FL 24°



FL 31°



REFLECTOR
 MWFL 48°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

Black painted steel cut-off



Adjustable barn door flaps



Anti-glare louver

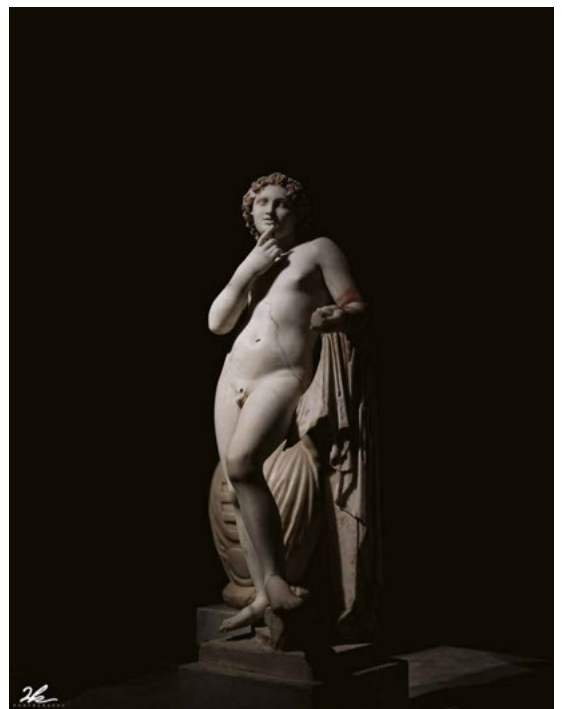


Black painted steel asymmetric cut-off





Available as an accessory for versions with Spot and Flood optics, the Oval filter makes it possible to create a soft elliptical effect.



Optical accessories

Versions with optics Spot and Flood are equipped with different accessories to shape the light and customise it according to project needs.



Control system

ZENO projectors can be controlled in various ways. ON-OFF, DALI or Casambi. The Casambi application makes it possible to control the light fixtures on a track individually or in groups, creating and recalling bright, even dynamic, lighting scenes.



ON – OFF
Turning the projectors on the same track circuit on and off.



DALI
Individual control of each light unit with the possibility of dimming.



CASAMBI
The projectors are already equipped with a Casambi unit and can be controlled using the Casambi app.



ZENO 180

220-240Vac | Ra90 | Fixture flux 3000K from 1807lm to 3980lm



Product	Optic	Ra+K	Driver	Colour
T037	NSI NSP 9° - 30W	930 Ra90 3000K	EL ON-OFF	PW ○
	SPH SP 17° - 42W	940 Ra90 4000K	DA DALI	DB ●
	MFH FL 27° - 42W		CA CASAMBI	
	FLR FL 38° - 42W			
	WFR WFL 52° - 42W			
	WWR WW - 43W			

Note Accessory codes on page 113.

ZENO 180 | HO

220-240Vac | Ra90 | Fixture flux 3000K from 2837lm to 4970lm



Product	Optic	Ra+K	Driver	Colour
T043	SPH SP 17° - 57W	930 Ra90 3000K	EL ON-OFF	PW ○
	MFH FL 27° - 57W	940 Ra90 4000K		DB ●
	FLR FL 38° - 57W			
	WFR WFL 52° - 57W			
	WWR WW - 58W			

Note Accessory codes on page 113.

ZENO 130

220-240Vac | Ra90 | Fixture flux 3000K from 1520lm to 2527lm

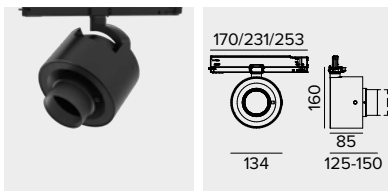


Product	Optic	Ra+K	Driver	Colour
T039	NSI NSP 9° - 25W	930 Ra90 3000K	EL ON-OFF	PW ○
	SPL SP 17° - 29W	940 Ra90 4000K	DA DALI	DB ●
	MFL FL 26° - 29W		CA CASAMBI	
	FLL FL 36° - 29W			
	MWR MWFL 46° - 29W			
	WWR WW - 29W			

Note Accessory codes on page 113.

ZENO 130 Zoom

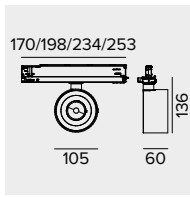
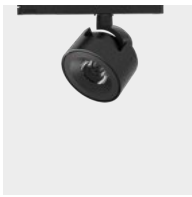
220-240Vac | Ra90 | Fixture flux 3000K from 525lm to 1187lm



Product	Optic	Ra+K	Driver	Colour
T039	ZMP SP-FL 11°/31° - 29W	930 Ra90 3000K	EL ON-OFF	PW ○
		940 Ra90 4000K	DA DALI	DB ●
			CA CASAMBI	

ZENO 105

220-240Vac | Ra90 | Fixture flux 3000K from 827lm to 1909lm





Product	Optic	Ra+K	Driver	Colour
T041	NSL NSP 10° - 11W	930 Ra90 3000K	EL ON-OFF	PW ○
	SPL SP 19° - 19W	940 Ra90 4000K	DA DALI	DB ●
	MFL FL 24° - 19W		CA CASAMBI	
	FLL FL 31° - 19W			
	MWR MWFL 48° - 19W			

Note Accessory codes on page 114.

Accessory codes


ZENO 180

Filter	Code	Grid	Colour	Code
	1T6054		●	1T6055
Blade of light filter. Methacrylate holographic filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.		Anti-glare louver. Black lacquered aluminium honeycomb structure. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.		


Cut-off

Colour	Code	Colour	Code
●	1T6056	●	1T6057
			
Black painted steel cut-off. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.		Black painted steel asymmetric cut-off. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.	

Ray Shade



Colour	Code
●	1T6058
	
Adjustable barn doors flaps made of black painted steel. To be completed with a dedicated holder ring. They cannot be used with NSP and Wall Washer optics.	

Holder Ring


Colour	Code
○	1T6053
●	1T6500
	
Black painted aluminium accessory holder ring.	

Accessory codes

ZENO 130

Filter	Code	Grid	Colour	Code
	1T6060		●	1T6061
Blade of light filter. Methacrylate holographic filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.		Anti-glare louver. Black lacquered aluminium honeycomb structure. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.		

Cut-off


Colour	Code	Colour	Code
●	1T6062	●	1T6063
			
Black painted steel cut-off. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.		Black painted steel asymmetric cut-off. To be completed with a dedicated holder ring. It cannot be used with NSP and Wall Washer optics.	

Accessory codes


ZENO 130

Accessory codes

Ray Shade

	Colour	Code
	●	1T6064
Adjustable barn doors flaps made of black painted steel. To be completed with a dedicated holder ring. They cannot be used with NSP and Wall Washer optics.		


Holder Ring

	Colour	Code
	○	1T6059
	●	1T6501
Black painted aluminium accessory holder ring.		


Accessory codes

ZENO 105


Filter


	Code
	1T6572
Blade of light filter. Methacrylate holographic filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with a dedicated holder ring.	

Grid


	Colour	Code
	●	1T6573
Anti-glare louver. Black lacquered aluminium honeycomb structure. To be completed with a dedicated holder ring.		

Cut-off


	Colour	Code
	●	1T6574
Black painted steel cut-off. To be completed with a dedicated holder ring.		

	Colour	Code
	●	1T6575
Black painted steel asymmetric cut-off. To be completed with a dedicated holder ring.		

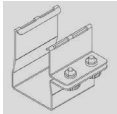
Ray Shade

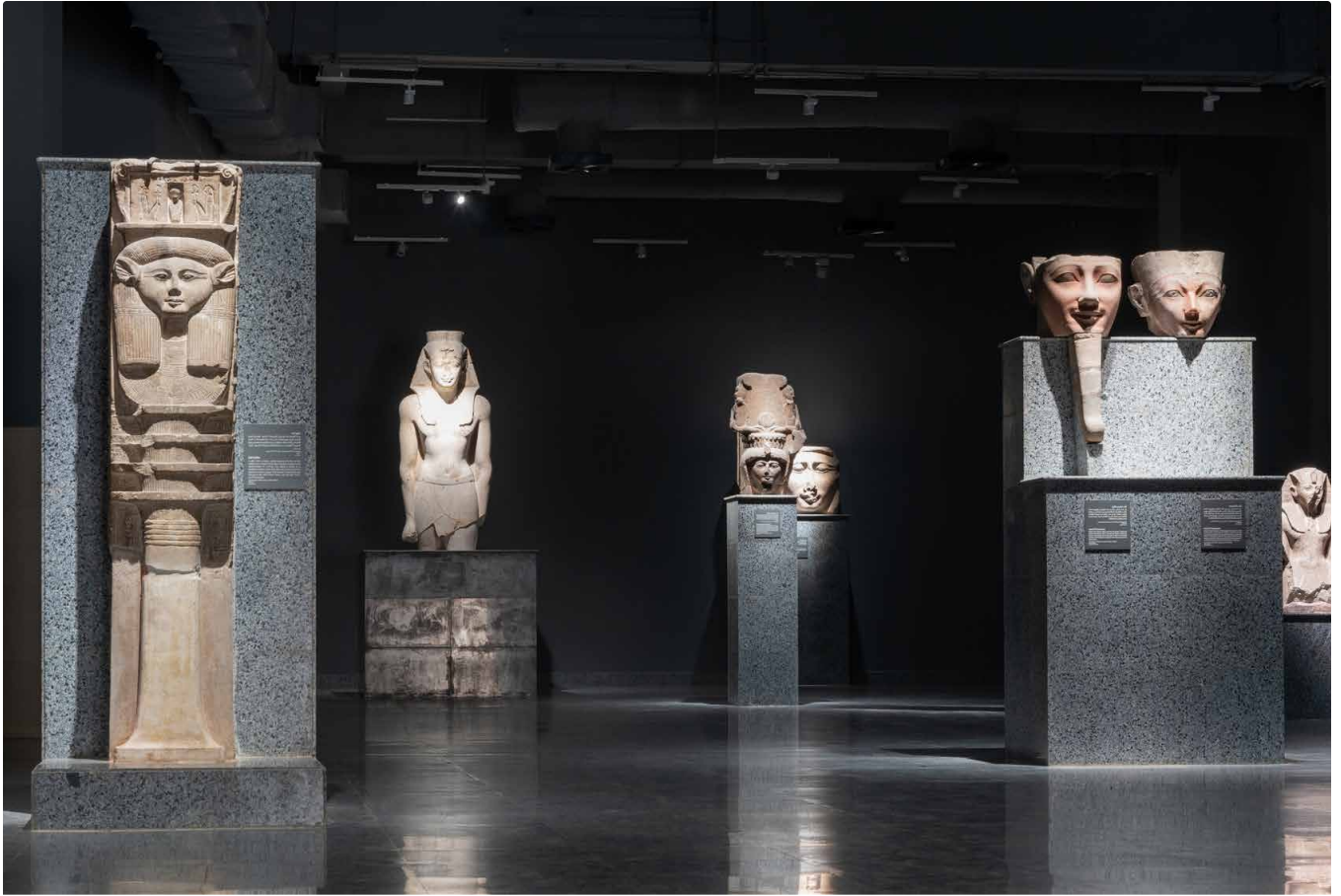
	Colour	Code
	●	1T6576
Adjustable barn doors flaps made of black painted steel. To be completed with a dedicated holder ring.		

Holder Ring

	Colour	Code
	●	1T6571
Black painted aluminium accessory holder ring.		

Bracket















	Colour	Code
	○	A058PW
	●	A058DB
Rigid support bracket for projectors with Eurostandard Plus track attachment. For compatibility and use please refer to the assembly instructions for the projectors. For installation of Zeno 105 projectors on wall vertical tracks.		





With an essential design and excellent performance, the Ray range now has a completely renewed range of optical systems to provide innovative solutions for different application contexts, especially where the quality of the lighting effect is a priority. The range is available in two different sizes and different powers.

RAY

						
Track	Accent	Soft controlled	Zoom	Dynamic Beam Shaping (DBS)	3000K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE		
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY	FINISH		



Ø115

From 22W to 57W

**Lens
optical system**
NSP (9°)
SP (17°)
FL (26°)
FL (36°)

**Reflector
optical system**
SP (14°)
FL (25°)
MWFL (45°)

**Zoom
optical systems**
Zoom Precision
Zoom DBS
Zoom Smart



Ray is available in two different sizes Ø75mm and Ø115mm with different optical systems: lenticular, reflector or zoom to meet even the most demanding lighting requirements with precision, both in the retail and museum environments.

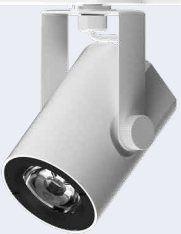
Ø75

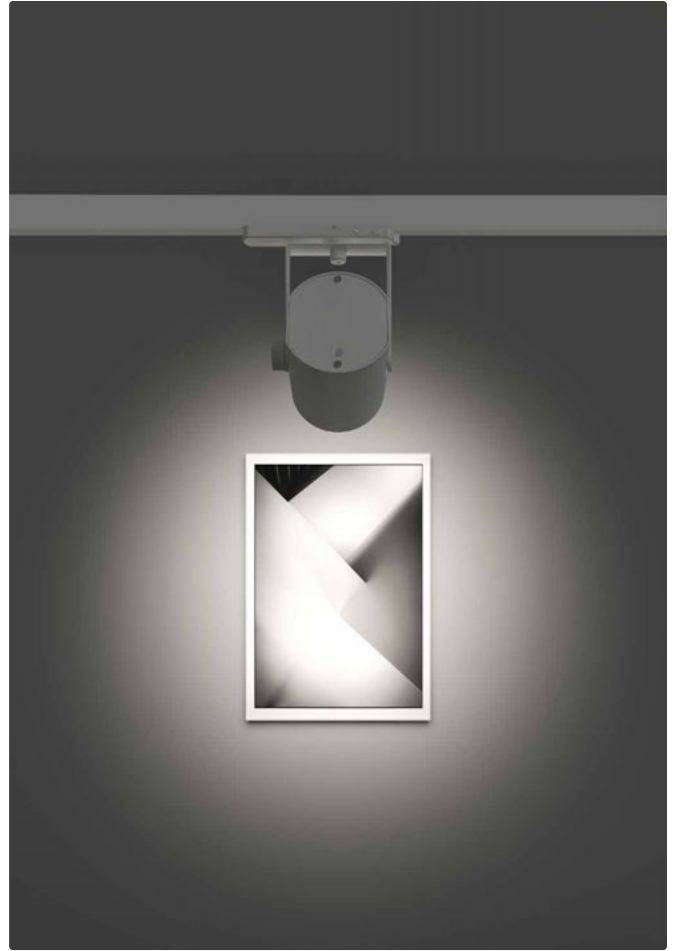
From 11W to 25W

**Lens
optical system**
NSP (10°)
SP (19°)
FL (24°)
FL (31°)

**Reflector
optical system**
SP (17°)
FL (31°)
MWFL (48°)

**Zoom
optical systems**
Zoom Precision
Zoom DBS
Zoom Smart





Lens optical system



Reflector optical system

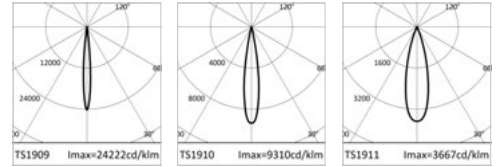
Interchangeable lenses and reflectors

Differentiated beam openings are available in both lenticular versions for clean and precise beams, as well as in reflector versions, for lighting effects with softer gradient tones. Both versions provide the possibility to interchange the optics (accessories) to vary the beam opening.

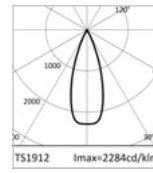


RAY 115
Up to 94lm/W
From 1605lm to 2573lm
3000K - 4000K
Ra90

LENS



NSP 9° SP 17° FL 26°

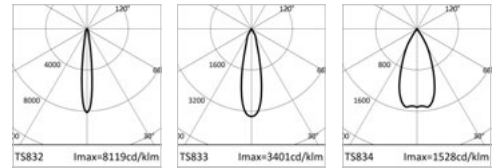


FL 36°



RAY 115
Up to 107lm/W
From 4018lm to 5371lm
3000K - 4000K
Ra90

REFLECTOR

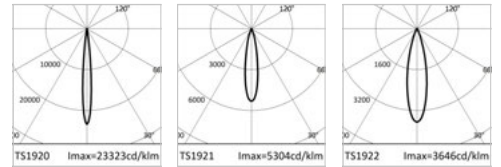


SP 14° FL 25° MWFL 45°

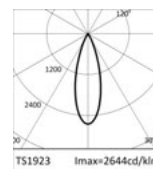


RAY 75
Up to 106lm/W
From 841lm to 1765lm
3000K - 4000K
Ra90

LENS



NSP 10° SP 19° FL 24°

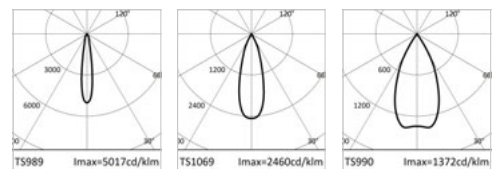


FL 31°



RAY 75
Up to 95lm/W
From 2017lm to 2168lm
3000K - 4000K
Ra90

REFLECTOR



SP 17° FL 31° MWFL 48°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Casambi

Ø 115
18° - 53°
25W
max 1740lm

Ø 75
17° - 40°
11W
max 599lm



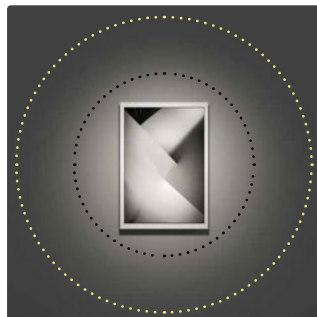
Ø 115
11° - 31°
29W
max 1187lm

Ø 75
9° - 64°
20W
max 1253lm



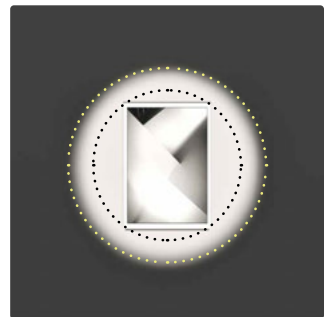
ZOOM DBS Dynamic

The Zoom DBS Dynamic versions make it possible to digitally adjust the beam opening angle using DBS (Dynamic Beam Shaper) technology with the Casambi app. Varying the scenography of a project has never been easier.

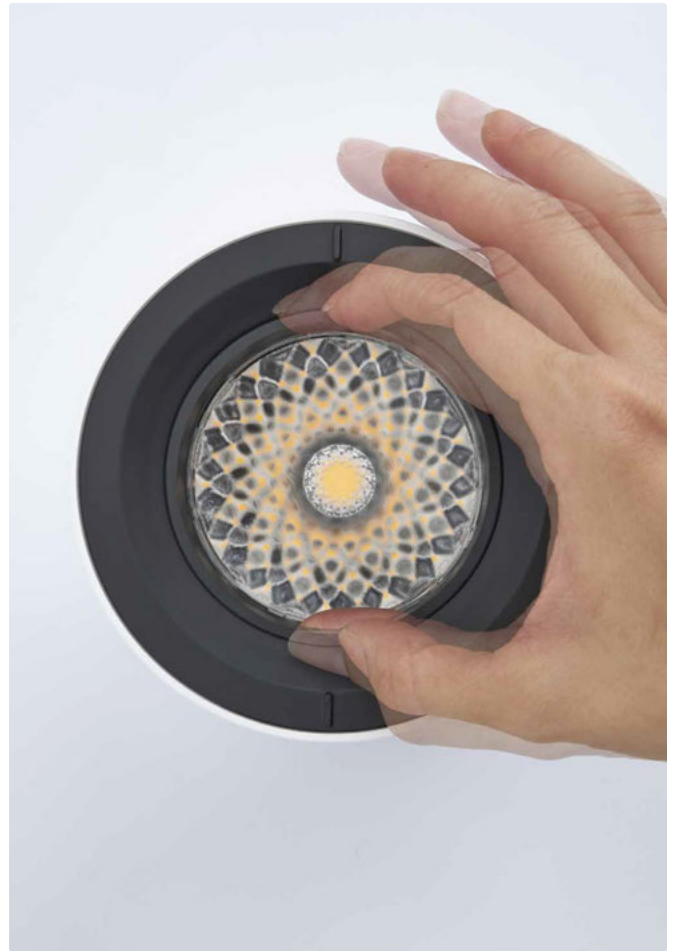


ZOOM Precision

The most precise and sophisticated in the range, the Ray Zoom has an optical system with the objective at a variable distance from the source with manual control that makes it possible to obtain extremely clear and defined beams.

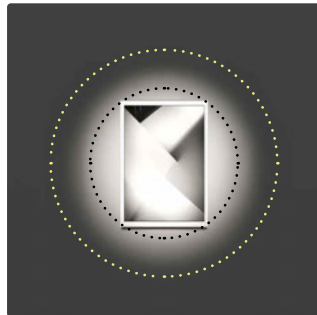


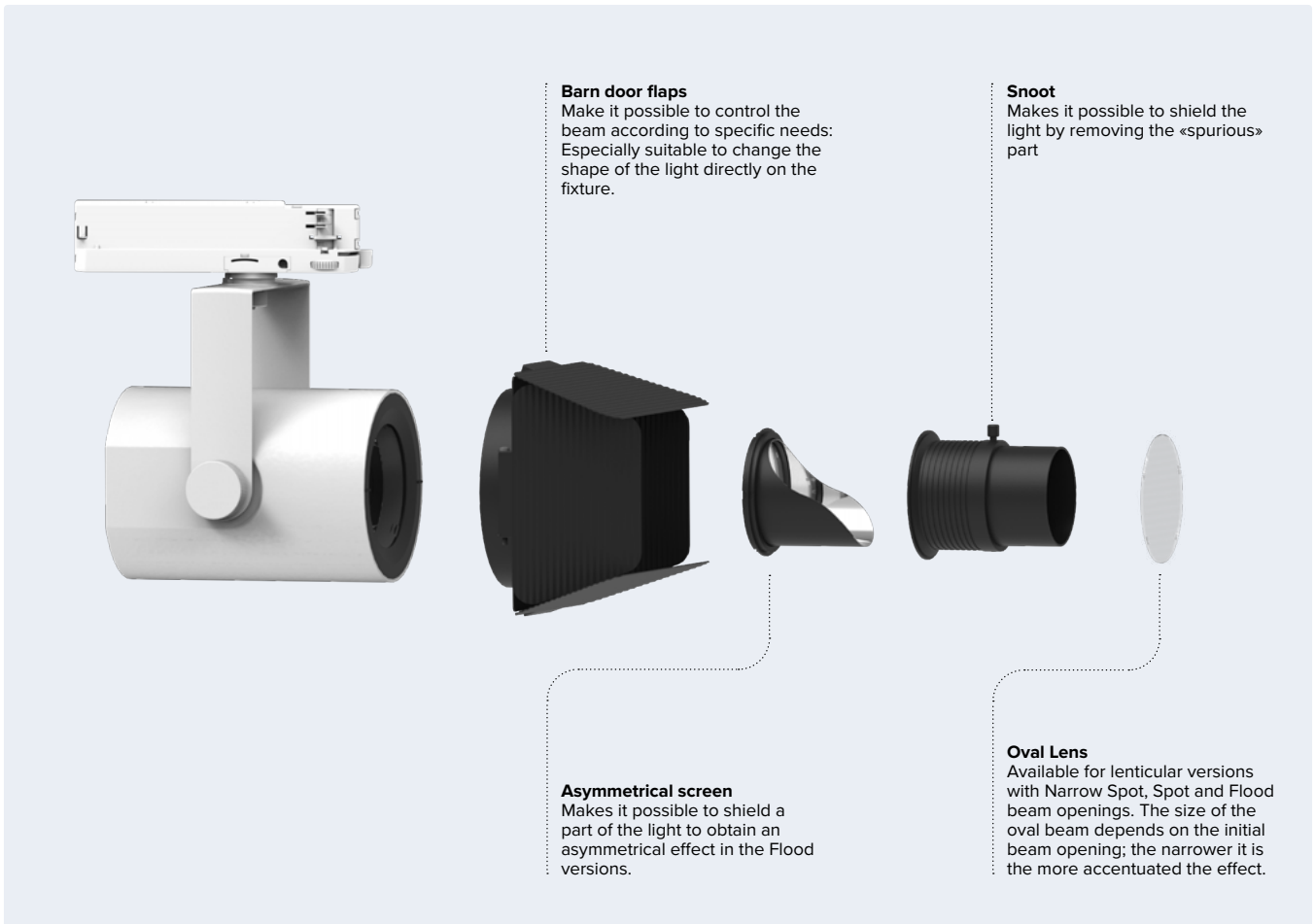
Ray is also available with Zoom optical systems with variable beam openings each of which is designed for particular lighting needs, extremely narrow and defined beams or wide, soft beams.



ZOOM Smart

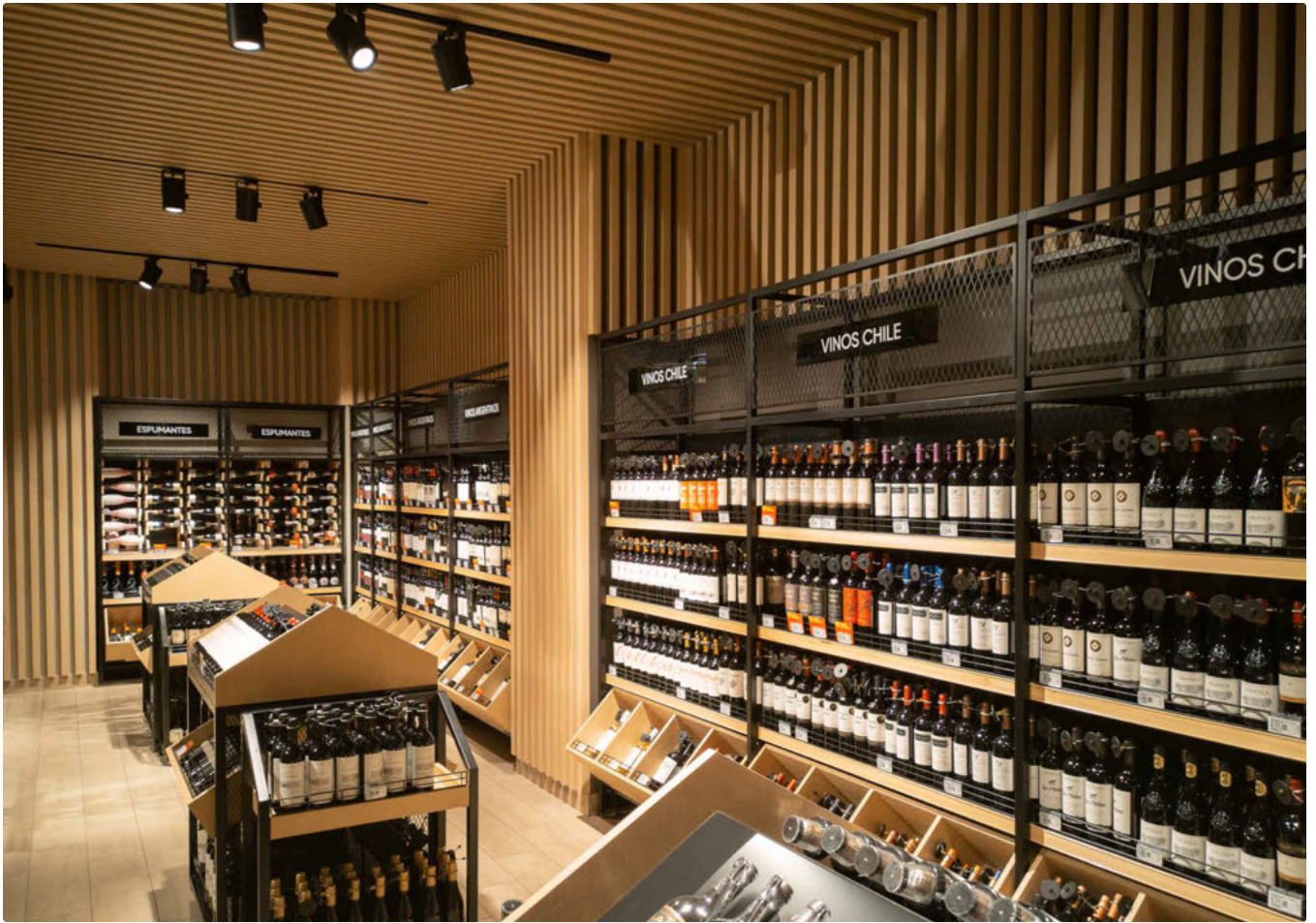
A manual zoom optic composed of two elements operating together which makes it possible to vary the beam opening by rotation. The optical system is housed entirely inside the projector body and guarantees excellent performance and precise beams.





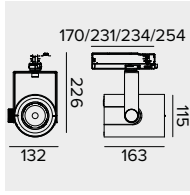
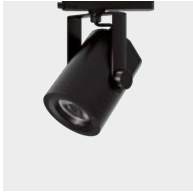
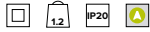
Optical accessories

The Ray range includes optical accessories to control luminous flux. This makes it possible to shape and customise the light beam according to specific needs.



RAY 115 LENS

220-240Vac | Ra90 | Fixture flux 3000K from 1605lm to 2573lm

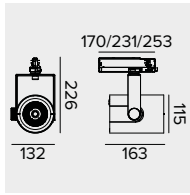
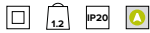


Product	Optic	Ra+K	Driver	Colour
T032	NSL NSP 9° - 22W	930 Ra90 3000K	EL ON-OFF	PW ○
	SPL SP 17° - 30W	940 Ra90 4000K	DA DALI	DB ●
	MFL FL 26° - 30W		CA CASAMBI	
	FLL FL 36° - 30W			

Note Accessory codes on page 128.

RAY 115 REFLECTOR

220-240Vac | Ra90 | Fixture flux 3000K from 4018lm to 4142lm

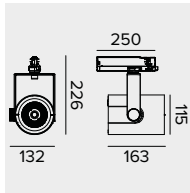
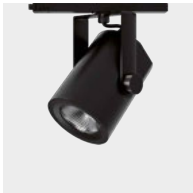


Product	Optic	Ra+K	Driver	Colour
T032	SPR SP 14° - 41W	930 Ra90 3000K	EL ON-OFF	PW ○
	MFR FL 25° - 41W	940 Ra90 4000K	DA DALI	DB ●
	MWR MWFL 45° - 41W		CA CASAMBI	

Note Accessory codes on page 128.

RAY 115 REFLECTOR HO

220-240Vac | Ra90 | Fixture flux 3000K from 5210lm to 5371lm

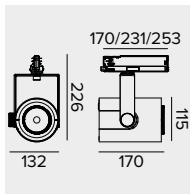
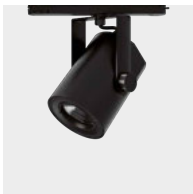


Product	Optic	Ra+K	Driver	Colour
T033	SPR SP 14° - 57W	930 Ra90 3000K	EL ON-OFF	PW ○
	MFR FL 25° - 57W	940 Ra90 4000K		DB ●
	MWR MWFL 45° - 57W			

Note Accessory codes on page 128.

RAY 115 ZOOM SMART

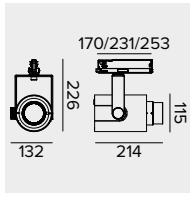
220-240Vac | Ra90 | Fixture flux 3000K from 2102lm to 2170lm



Product	Optic	Ra+K	Driver	Colour
T034	ZMS SP-MWFL 16°/43° - 30W	930 Ra90 3000K	EL ON-OFF	PW ○
		940 Ra90 4000K	DA DALI	DB ●
			CA CASAMBI	

RAY 115 ZOOM PRECISION

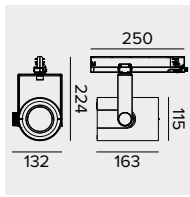
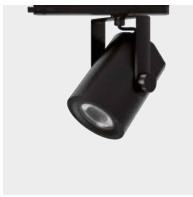
220-240Vac | Ra90 | Fixture flux 3000K from 525lm to 1187lm



Product	Optic	Ra+K	Driver	Colour
T034	ZMP SP-FL 11°/31° - 29W	930 Ra90 3000K	EL ON-OFF	PW ○
		940 Ra90 4000K	DA DALI	DB ●
			CA CASAMBI	

RAY 115 ZOOM DBS

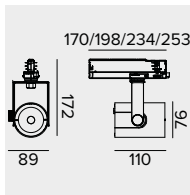
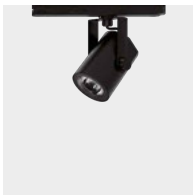
220-240Vac | Ra90 | Fixture flux 3000K from 1619lm to 1740lm



Product	Optic	Ra+K	Driver	Colour
T034	DBS SP-WFL 18°/53° - 25W	930 Ra90 3000K	CA CASAMBI	PW ○
		940 Ra90 4000K		DB ●

RAY 75 LENS

220-240Vac | Ra90 | Fixture flux 3000K from 841lm to 1765lm

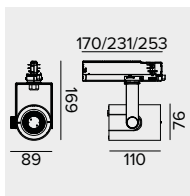
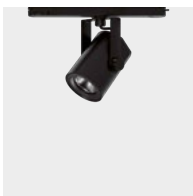


Product	Optic	Ra+K	Driver	Colour
T035	NSL NSP 10° - 11W	930 Ra90 3000K	EL ON-OFF	PW ○
		940 Ra90 4000K	DA DALI	DB ●
			CA CASAMBI	
	SPL SP 19° - 18W			
	MFL FL 24° - 18W			
	FLL FL 31° - 18W			

Note Accessory codes on page 129.

RAY 75 REFLECTOR

220-240Vac | Ra90 | Fixture flux 3000K from 2017lm to 2168lm

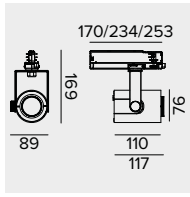
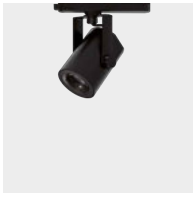


Product	Optic	Ra+K	Driver	Colour
T035	SPR SP 17° - 25W	930 Ra90 3000K	EL ON-OFF	PW ○
		940 Ra90 4000K	DA DALI	DB ●
			CA CASAMBI	
	FLR FL 31° - 25W			
	MWR MWFL 48° - 25W			

Note Accessory codes on page 129.

RAY 75 ZOOM SMART

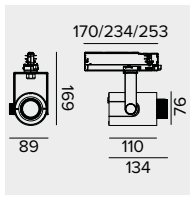
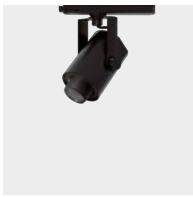
220-240Vac | Ra90 | Fixture flux 3000K from 1206lm to 1266lm



Product	Optic	Ra+K	Driver	Colour
T036	ZMS SP-MWFL 17°/50° - 20W	930 Ra90 3000K	EL ON-OFF	PW <input type="radio"/>
		940 Ra90 4000K	DA DALI	DB <input checked="" type="radio"/>
			CA CASAMBI	

RAY 75 ZOOM PRECISION

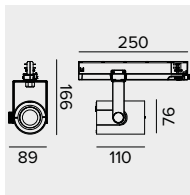
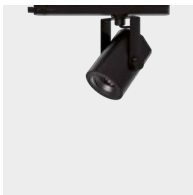
220-240Vac | Ra90 | Fixture flux 3000K from 404lm to 1253lm



Product	Optic	Ra+K	Driver	Colour
T036	ZMP NSP-WFL 9°/64° - 20W	930 Ra90 3000K	EL ON-OFF	PW <input type="radio"/>
		940 Ra90 4000K	DA DALI	DB <input checked="" type="radio"/>
			CA CASAMBI	

RAY 75 ZOOM DBS

220-240Vac | Ra90 | Fixture flux 3000K from 554lm to 599lm



Product	Optic	Ra+K	Driver	Colour
T036	DBS SP-FL 17°/40° - 11W	930 Ra90 3000K	CA CASAMBI	PW <input type="radio"/>
		940 Ra90 4000K		DB <input checked="" type="radio"/>

Accessory codes

RAY 115

Holder Ring



Transparent polycarbonate accessory holder ring.

Code

1T3727

Screen



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. To be completed with a dedicated holder ring 1T3727. For RAY 115 versions with lens.

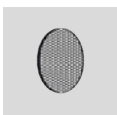
Ø mm

80

Code

1T3143

Grid



Anti-glare louver. Black painted metal honeycomb structure. To be completed with a dedicated holder ring 1T3727. For RAY 115 versions with lens.

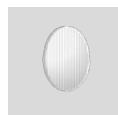
Ø mm

70

Code

1T1711

Filter



Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with a dedicated holder ring 1T3727. For RAY 115 versions with lens.

Ø mm

70

Code


1T1708

Accessory codes

RAY 115


Accessory codes

Cut-off

	Ø mm	Code
	80	1T3142

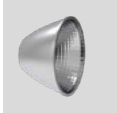
Cut-off Tube.
Allows for the beam to be focused while removing the fall-off component.

Ray Shade


	Ø mm	Code
	118	A025

Adjustable barn doors flaps made of black painted steel.

Optic

	Ø mm	Optic	Code
	80	SP 14°	A057SPR
	80	FL 25°	A057MFR
	80	MWFL 45°	A057MWR

Interchangeable anodised reflective aluminium reflectors for Ray 115. Available in Spot, Flood and Medium Wide Flood beams.

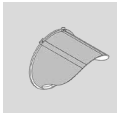
	Ø mm	Optic	Code
	70	SP 17°	A057SPL
	70	FL 26°	A057MFL
	70	FL 36°	A057FLL

Interchangeable optical grade PMMA lenses for Ray 115. Available in Spot and Flood beams. The accessory is not compatible with RAY 115 NSL versions.

Accessory codes


RAY 75

Screen

	Ø mm	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. For RAY 75 versions with lens.

Grid

	Ø mm	Code
	50	1T4322


Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter. For RAY 75 versions with lens.

Filter


	Ø mm	Code
	50	1T4721

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics. For RAY 75 versions with lens.

Optic


	Ø mm	Optic	Code
	52	SP 17°	A056SPR
	52	FL 31°	A056FLR
	52	MWFL 48°	A056MWR

Interchangeable anodised reflective aluminium reflectors for Ray 75. Available in Spot, Flood and Medium Wide Flood beams.

	Ø mm	Optic	Code
	50	SP 19°	A056SPL
	50	FL 24°	A056MFL
	50	FL 31°	A056FLL

Interchangeable optical grade PMMA lenses for Ray 75. Available in Spot and Flood beams. The accessory is not compatible with RAY 75 NSL versions.

Bracket













	Colour	Code
	○	A058PW
	●	A058DB

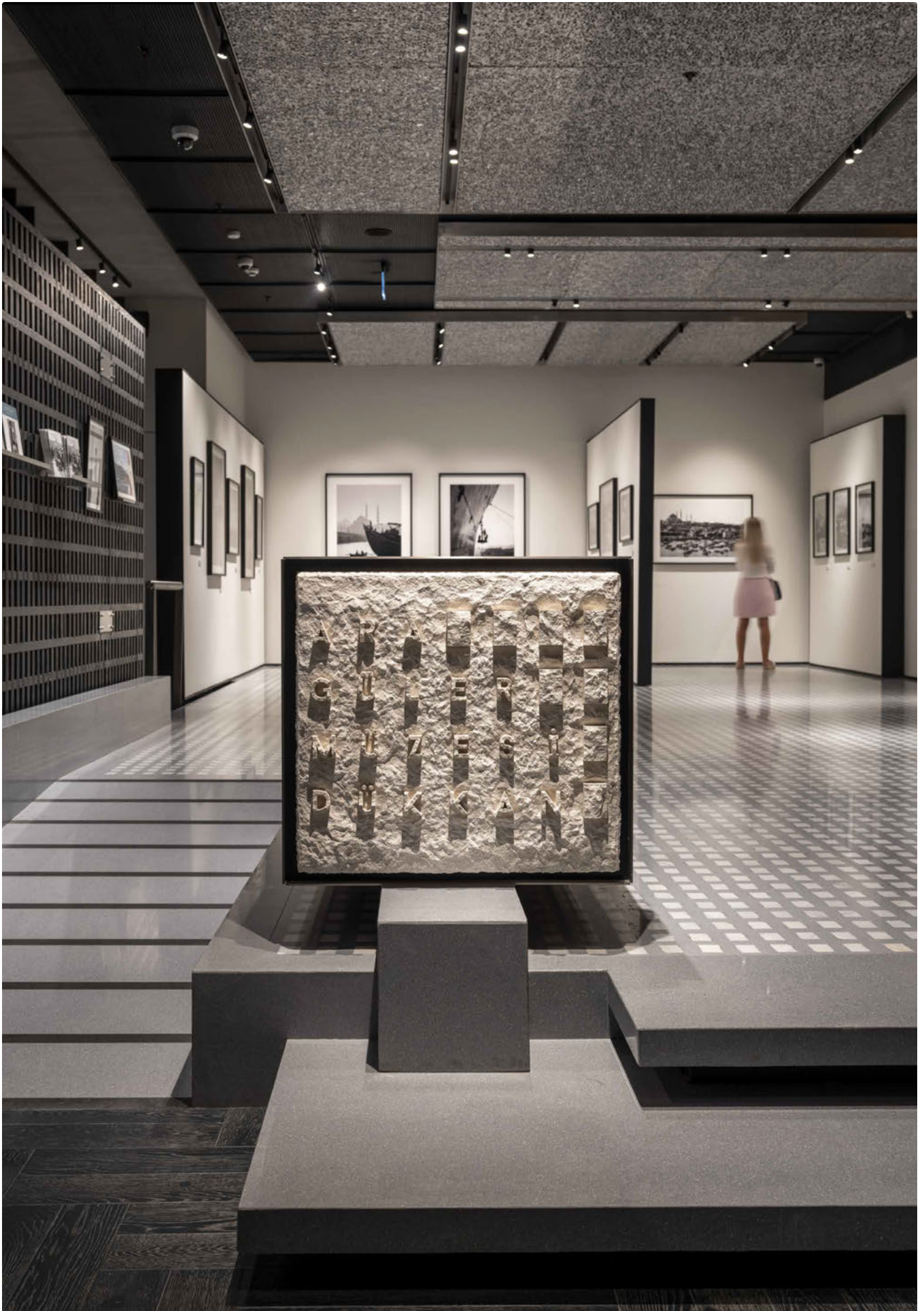
Rigid support bracket for projectors with Eurostandard Plus track attachment. For compatibility and use please refer to the assembly instructions for the projectors. For installation of Ray 75 projectors on wall vertical tracks.

LABEL 230



A range of 230V track or stand alone projectors designed for retail, hospitality and interior applications. All have hidden power supplies and are available in three different sizes - Label 6, Label 7 and Label 9. Also available in a 48V version for the Fortyeight track.

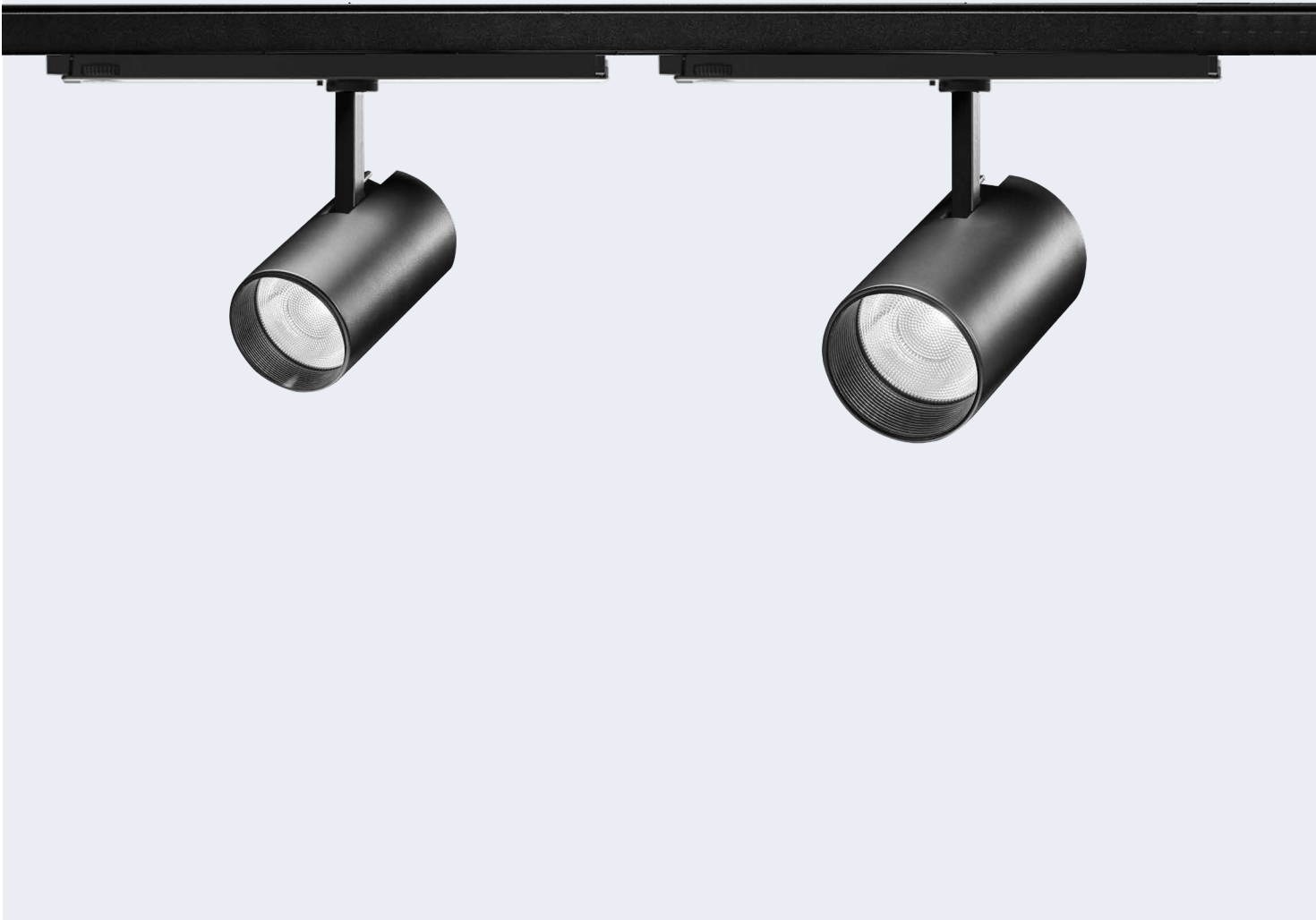
						
Track	Accent	Soft controlled	3000K	4000K		
INSTALLATION	LIGHT	COLOUR TEMPERATURE				
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL	POWER SUPPLY		FINISH			
2700K – 3500K						
ON REQUEST						



OPTICAL SYSTEM WITH A LENS

LABEL 6
Ø 60mm
From 23 to 25W
Spot
Flood
Medium Wide Flood

LABEL 7
Ø 74mm
30W
Spot
Flood
Medium Wide Flood



LABEL projectors are specifically designed even for high-end retail and hospitality applications because they combine a minimal design with attention to every detail and a wide range of beam openings with particular attention to visual comfort.

This means professional optical systems with lenses or reflectors that guarantee performance and excellent quality lighting effects. The range is available in three different diameters: Label 6 Ø60mm, Label 7 Ø74mm and Label 9 Ø88mm.

OPTICAL SYSTEM WITH A REFLECTOR

LABEL 9
Ø 88mm
31W
Spot
Flood
Medium Wide Flood



All versions can be adjusted from 0° to 90° on the vertical plane with a friction aiming lock, and by 355° on the horizontal plane with the possibility of a mechanical aiming lock.

The Label range is also available with a ceiling-mounted version and a suspension version with various beam openings.







LABEL 9
Up to 95lm/W
From 2621lm to 2740lm
3000K - 4000K
Ra90

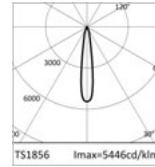


LABEL 7
Up to 93lm/W
From 2376lm to 2547lm
3000K - 4000K
Ra90

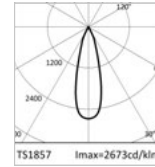


LABEL 6
Up to 102lm/W
From 1663lm to 2114lm
3000K - 4000K
Ra90

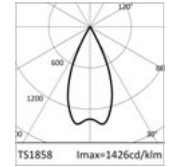
REFLECTOR



SP 16°

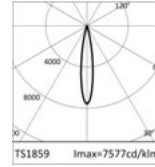


FL 29°

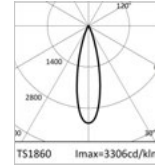


MWFL 46°

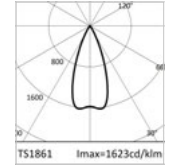
LENS



SP 17°

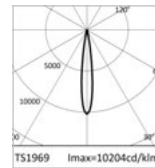


FL 26°

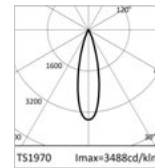


MWFL 41°

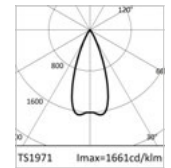
LENS



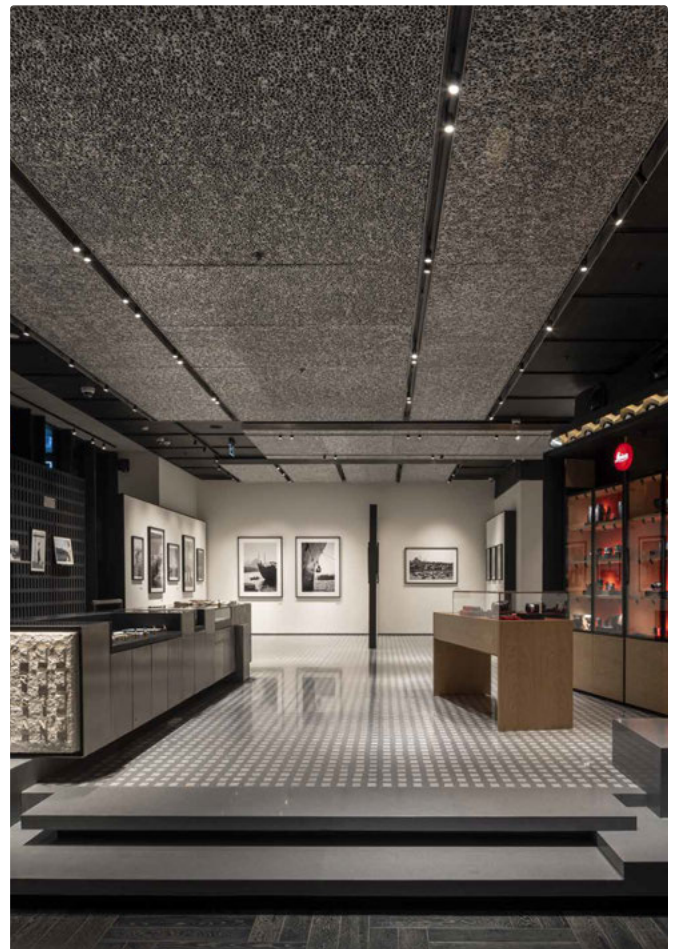
SP 14°



FL 26°



MWFL 41°

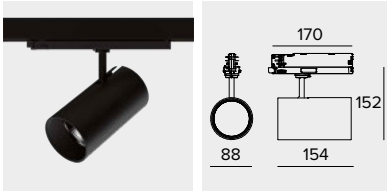


Label 6 and 7 are equipped with a lens optical system, while Label 9 has a reflector optical system. The best technology and mechanical parts have been designed for every version to optimise performance and the quality of the light emitted.

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

LABEL 9

220-240Vac | Ra90 | Fixture flux 3000K from 2621lm to 2740lm

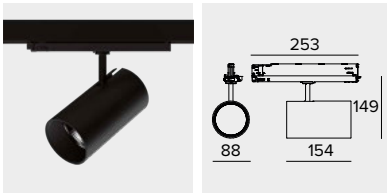


Optic	Driver	Colour	3000K	4000K
SP 16° 31W	ON-OFF	○	1T6600EL90	1T6601EL90
		●	1T6602EL90	1T6603EL90
FL 29° 31W	ON-OFF	○	1T6606EL90	1T6607EL90
		●	1T6608EL90	1T6609EL90
MWFL 46° 31W	ON-OFF	○	1T6612EL90	1T6613EL90
		●	1T6614EL90	1T6615EL90

Note Accessory codes on page 137.

LABEL 9 DALI

220-240Vac | Ra90 | Fixture flux 3000K from 2621lm to 2740lm

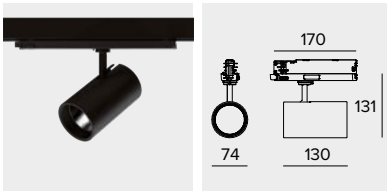


Optic	Driver	Colour	3000K	4000K
SP 16° 31W	DALI	○	1T6600DA90	1T6601DA90
		●	1T6602DA90	1T6603DA90
FL 29° 31W	DALI	○	1T6606DA90	1T6607DA90
		●	1T6608DA90	1T6609DA90
MWFL 46° 31W	DALI	○	1T6612DA90	1T6613DA90
		●	1T6614DA90	1T6615DA90

Note Accessory codes on page 137.

LABEL 7

220-240Vac | Ra90 | Fixture flux 3000K from 2376lm to 2547lm

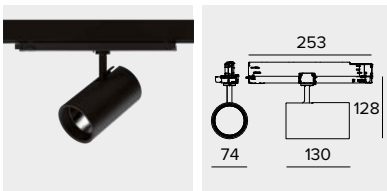


Optic	Driver	Colour	3000K	4000K
SP 17° 30W	ON-OFF	○	1T8154EL90	1T8155EL90
		●	1T8156EL90	1T8157EL90
FL 26° 30W	ON-OFF	○	1T8160EL90	1T8161EL90
		●	1T8162EL90	1T8163EL90
MWFL 41° 30W	ON-OFF	○	1T8166EL90	1T8167EL90
		●	1T8168EL90	1T8169EL90

Note Accessory codes on page 137.

LABEL 7 DALI

220-240Vac | Ra90 | Fixture flux 3000K from 2376lm to 2547lm

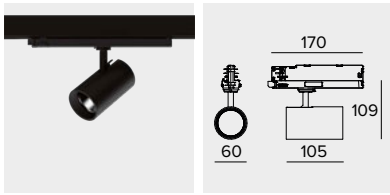


Optic	Driver	Colour	3000K	4000K
SP 17° 30W	DALI	○	1T8154DA90	1T8155DA90
		●	1T8156DA90	1T8157DA90
FL 26° 30W	DALI	○	1T8160DA90	1T8161DA90
		●	1T8162DA90	1T8163DA90
MWFL 41° 30W	DALI	○	1T8166DA90	1T8167DA90
		●	1T8168DA90	1T8169DA90

Note Accessory codes on page 137.

LABEL 6

220-240Vac | Ra90 | Fixture flux 3000K from 1663lm to 2114lm

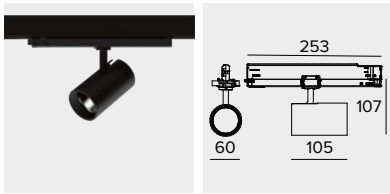


Optic	Driver	Colour	3000K	4000K
SP 14° 25W	ON-OFF	○	1T9082EL90	1T9083EL90
		●	1T9084EL90	1T9085EL90
FL 26° 23W	ON-OFF	○	1T9088EL90	1T9089EL90
		●	1T9090EL90	1T9091EL90
MWFL 41° 23W	ON-OFF	○	1T9094EL90	1T9095EL90
		●	1T9096EL90	1T9097EL90

Note Accessory codes on page 138.

LABEL 6 DALI

220-240Vac | Ra90 | Fixture flux 3000K from 1663lm to 2114lm



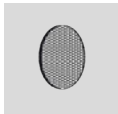
Optic	Driver	Colour	3000K	4000K
SP 14° 25W	DALI	○	1T9082DA90	1T9083DA90
		●	1T9084DA90	1T9085DA90
FL 26° 23W	DALI	○	1T9088DA90	1T9089DA90
		●	1T9090DA90	1T9091DA90
MWFL 41° 23W	DALI	○	1T9094DA90	1T9095DA90
		●	1T9096DA90	1T9097DA90

Note Accessory codes on page 138.

Accessory codes

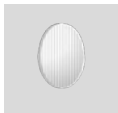
LABEL 9

Grid

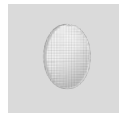
	Ø mm	Code
	70	1T1711

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with a dedicated holder ring 1T3727.

Filter


	Ø mm	Code
	70	1T1708

Flat striped glass blade light refractive filter.
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.
To be completed with a dedicated holder ring 1T3727.

	Ø mm	Code
	70	1T1709


Flat glass wired refractive diffusive filter.
This softens the luminous effect.
To be completed with a dedicated holder ring 1T3727.

Holder Ring

	Code
	1T3727

Transparent polycarbonate accessory holder ring.

Cut-off


	Ø mm	Code
	80	1T3142

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

Accessory codes

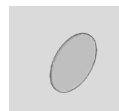
LABEL 7

Grid

	Ø mm	Code
	63	1T8093

Anti-glare louver.
Black painted metal honeycomb structure.

Filter


	Ø mm	Code
	63	1T8094

Holographic PMMA filter with blade of light effect.
Allows the beam to be made oval; combined with spot and flood optics the effect appears more pronounced.

Accessory codes

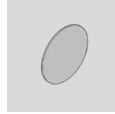
LABEL 6

Grid

	Ø mm	Code
	50	1T4322

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

Filter


	Ø mm	Code
	50	1T4721

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

Accessory codes

LABEL | Codes compatible with the whole range

Control systems

	Code
	2T0131










IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.



CAPSULE



A range of adjustable projectors in two different sizes with a 60mm and a 70mm diameter. The projectors are equipped with an optical system with interchangeable lenses. Capsule 60 is equipped with a 39° flood lens with another lens included with it to obtain a SP 18° beam. Capsule 70 has a 33° emission and the second lens included with it to obtain a 18° beam. In both versions the light source is set back to ensure excellent visual comfort. The optical unit can be adjusted from 0° to 90° on the vertical plane and by 355° on the horizontal plane.

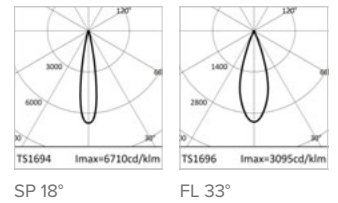
				
Track	Accent	Soft controlled	3000K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE		
				
On-Off	220-240V	White	Black	
CONTROL	POWER SUPPLY	FINISH		





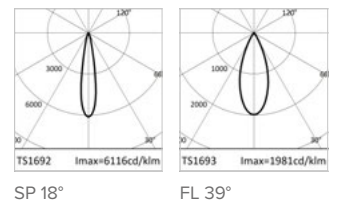
CAPSULE Ø 70
 Up to 109lm/W
 From 3449lm to 3609lm
 3000K - 4000K
 Ra90

LENS



CAPSULE Ø 60
 Up to 105lm/W
 From 2062lm to 2125lm
 3000K - 4000K
 Ra90

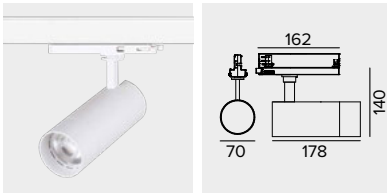
LENS



* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

CAPSULE Ø 70

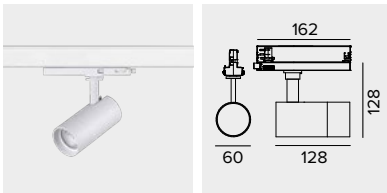
220-240Vac | Ra90 | Fixture flux 3000K from 3449lm to 3609lm



Optic	Colour	3000K	4000K
SP 18°, FL 33° 33W	○	1TD0005EL	1TD0006EL
	●	1TD0007EL	1TD0008EL

CAPSULE Ø 60

220-240Vac | Ra90 | Fixture flux 3000K from 2062lm to 2125lm

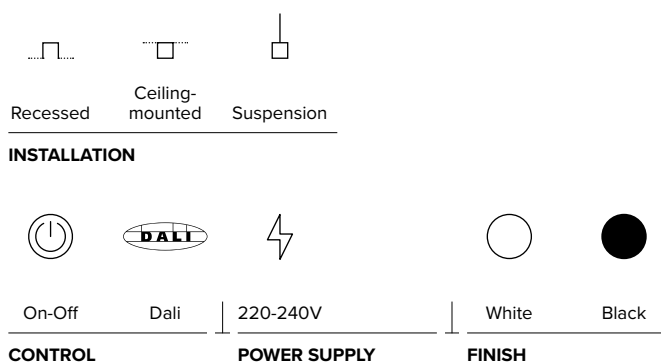


Optic	Colour	3000K	4000K
SP 18°, FL 39° 20W	○	1TD0001EL	1TD0002EL
	●	1TD0003EL	1TD0004EL

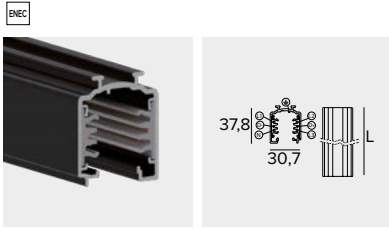
EUROSTANDARD PLUS



Eurostandard Plus is the universal 230V track compatible with projectors in the Targetti collection and with all projectors compliant with European standards. There are two versions available, standard and recessed in three different lengths. The standard version for ceiling-mounted and suspension installation needs special end caps and a mounting system. The electrical connectors in different shapes and configurations make it possible to create infinite compositions. The three-phase mixed system includes two additional conductors to manage any type of signal (DALI, DMX, etc...).



EUROSTANDARD PLUS Standard
440Vac



L mm	Kg	Colour	Code
1000	1.1	○	9000A-1/W-ST
		●	9000A-1/B-ST
2000	1.71	○	9000A-2/W-ST
		●	9000A-2/B-ST
3000	3.3	○	9000A-3/W-ST
		●	9000A-3/B-ST

Note Related codes and accessory codes on page 145.

EUROSTANDARD PLUS Recessed
440Vac




L mm	Kg	Colour	Code
1000	1.1	○	9000-1/W-R
		●	9000-1/B-R
2000	2.2	○	9000-2/W-R
		●	9000-2/B-R
3000	3.3	○	9000-3/W-R
		●	9000-3/B-R


Note Related codes and accessory codes on page 145.

Related codes and accessories
EUROSTANDARD PLUS


Related codes


End Caps

	Colour	Code
	○	9004/W
	●	9004/B
Dead end - Standard.		


	Colour	Code
	○	9004-R/W
	●	9004-R/B
Dead end - recessed.		


Mounting System


	Code
	S-9000KIT
Suspension kit. L=2000mm	

	Code
	S-9000/111
Ceiling mounting bracket. Galvanized steel.	

Power Supply

	Colour	Code
	○	9001/W
	●	9001/B
Lateral power supply. Polarity on the right.		




	Colour	Code
	○	9002/W
	●	9002/B
Lateral power supply. Polarity on the left.		

	Colour	Code
	○	9001-MF/W
	●	9001-MF/B
Intermediate power supply		

Related codes and accessories
EUROSTANDARD PLUS



Accessory codes

End Caps

	Colour	Code
		S-9001/115-W
		S-9001/115-B


Seal for lateral power supply.
PVC.
For: 9001/...; 9002/...

Bracket

	Colour	Code
		S-9000/123




Rigid support bracket for suspended installation.

Tool




	Code
	S-9000/T

Tool for shearing conductors, to be used if necessary to cut the track during installation.




Electrical Connector

	Colour	Code
		9010/W
		9010/B




Direct linear joint.

	Colour	Code
		9003/W
		9003/B




Pass-through linear joint.

	Colour	Code
		9018/W
		9018/B




Flexible joint.

	Colour	Code
		9011/W
		9011/B




L joint.
Internal polarity.

	Colour	Code
		9012/W
		9012/B




L joint.
External polarity.

	Colour	Code
		9013/W
		9013/B




T joint.
External polarity and on the left.

	Colour	Code
		9014/W
		9014/B




T joint.
External polarity and on the right.

	Colour	Code
		9015/W
		9015/B

T joint.
Internal polarity and on the left.




	Colour	Code
		9016/W
		9016/B

T joint.
Internal polarity and on the right.

	Colour	Code
		9017/W
		9017/B




X joint.

Mounting System

	Colour	Code
		S-9000/M-W-KIT
		S-9000/M-B-KIT

Adapter for suspension installation.

Adapter

	Colour	Code
		9009/W
		9009/B





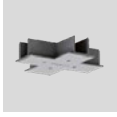
Adapter for power supply.
Allows for power supply from a Eurostandard Plus track.
EL/DALI.

Related codes and accessories

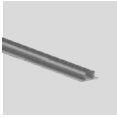
EUROSTANDARD PLUS

Accessory codes

Cover Panel | Recessed installation

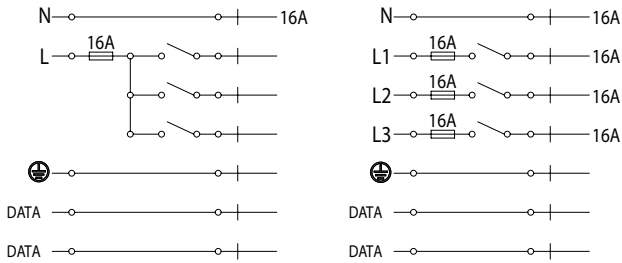
	Colour	Code		Colour	Code
	○	S-9001-R/6-W		○	S-9010-R/6-W
	●	S-9001-R/6-B		●	S-9010-R/6-B
False ceiling cover for lateral power supply. Recessed installation. Polycarbonate body. For: 9001/...; 9002/...					
False ceiling cover for central power supply. Recessed installation. Polycarbonate body. For: 9010/...					
	Colour	Code		Colour	Code
	○	S-9011-R/6-W		○	S-9013-R/6-W
	●	S-9011-R/6-B		●	S-9013-R/6-B
False ceiling cover for L connector. Recessed installation. Polycarbonate body. For: 9011/...; 9012/...					
False ceiling cover for T connector. Recessed installation. Polycarbonate body. For: 9013/...; 9014/...; 9015/...; 9016/...					
	Colour	Code			
	○	S-9017-R/6-W			
	●	S-9017-R/6-B			
False ceiling cover for X connector. Recessed installation. Polycarbonate body. For: 9017.					

Cover Profile

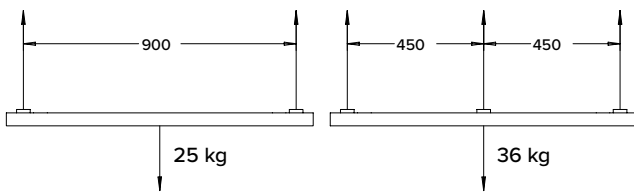
	L mm	Colour	Code
	1000	○	S-9000/GP-W
	1000	●	S-9000/GP-B
Cover profile. Can be cut to size. For Eurostandard Plus Standard and Recessed.			

Electrical scheme

During the wiring the electrical scheme of picture must be followed.

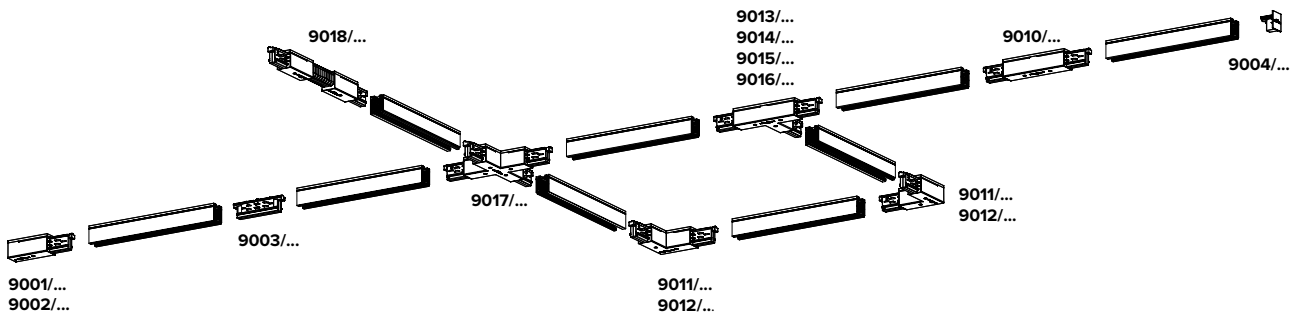


Load scheme



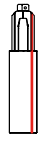
Installation

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.

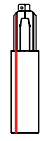


Lateral power supplies

.....



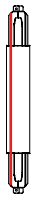
9001/...



9002/...

Central power supplies

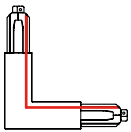
.....



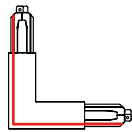
9010/...

"L" joint

.....



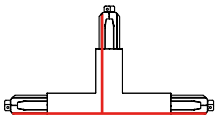
9011/...



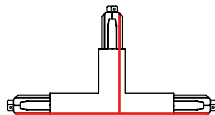
9012/...

"T" joint

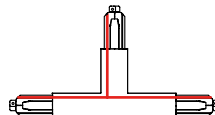
.....



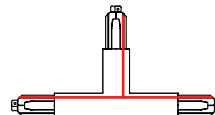
9013/...



9014/...



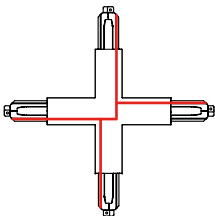
9015/...



9016/...

"X" joint

.....















9017/...

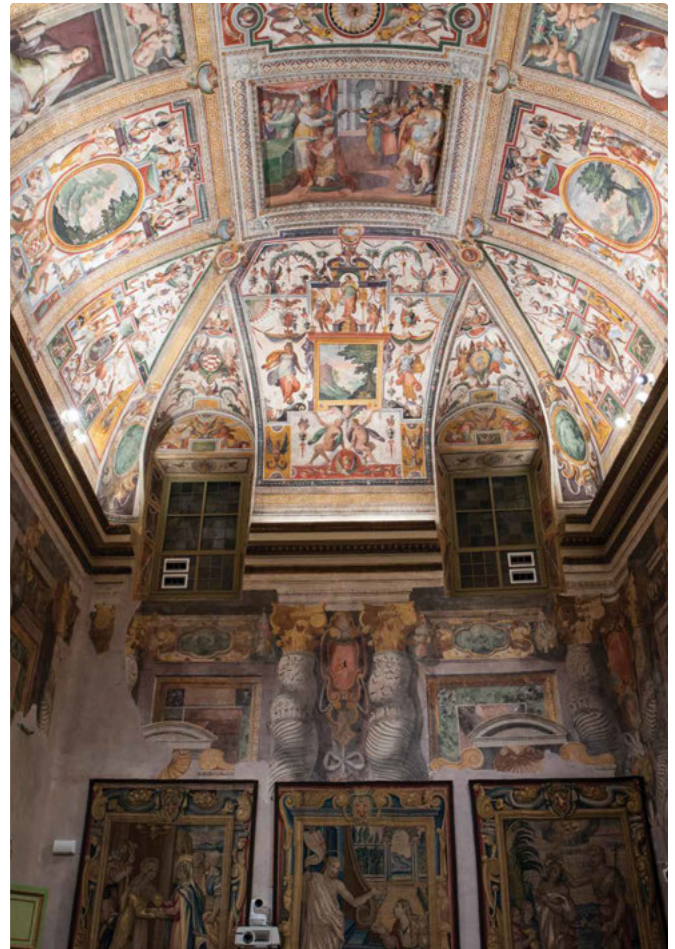
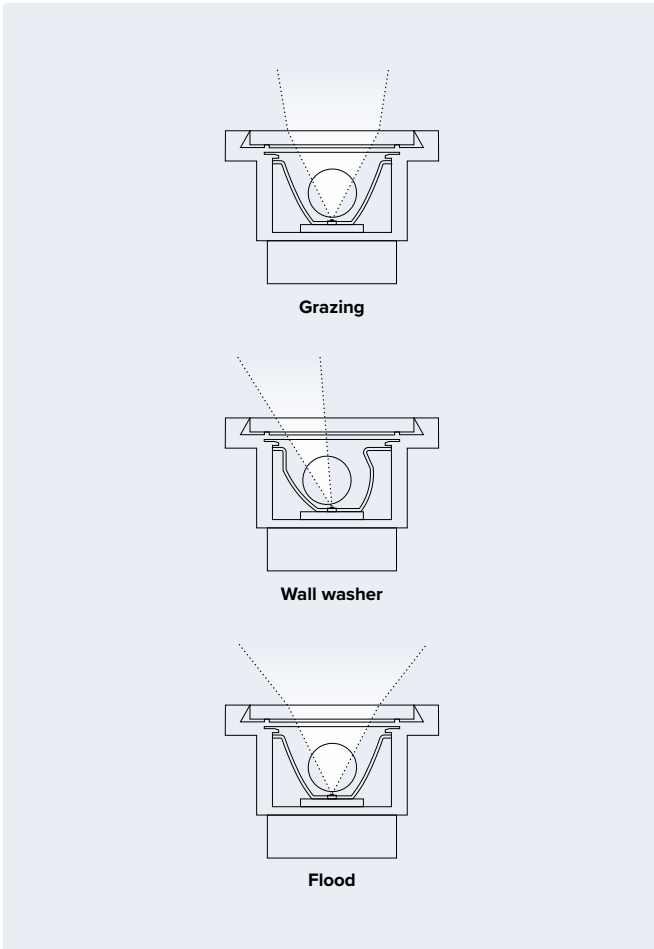
JEDI COMPACT INDOOR



A high performance linear projector with a compact size, Jedi Compact Indoor is ideal for installation in small grooves or on particularly thin frames. The optical system makes it possible to light pedestrian walkways, vaulted ceilings or wide vertical surfaces.

					
Surface	Soft controlled	Wall Washer	Grazing	3000K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE	
					
On-Off	Dali	Casambi	220-240V	IP40	Aluminium
CONTROL			POWER SUPPLY	PROTECTION RATING	FINISH





DIFFERENTIATED OPTICAL SYSTEMS

Grazing

Equipped with a Grazing optical system it provides an ideal grazing light to enhance textures and materials, especially when installed in continuous rows for seamless uniform lighting.

Wall Washer

The Wall Washer versions provide a soft and uniform light on high, wide surfaces.

Flood Optical System

The Flood optical system provides a soft yet controlled light, making it possible to light large mouldings with precision.

Louvre Grid

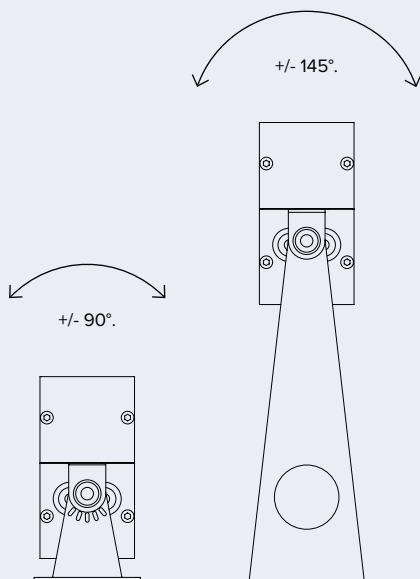
A special Louvre accessory grid makes it possible to equip the different versions with an anti-glare system with longitudinal blades to control lateral emission and reduce the risk of glare.

Available in two different lengths and with three different lighting effects Jedi Compact Indoor projectors are professional lighting tools.



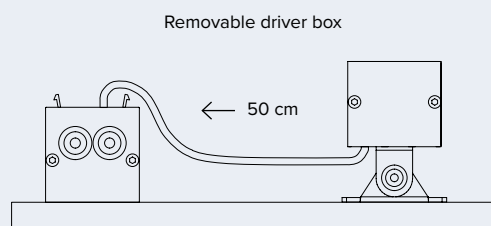
Accessory brackets for increased installation flexibility

Equipped with special accessory brackets, the projector can be rotated up to $\pm 145^\circ$.

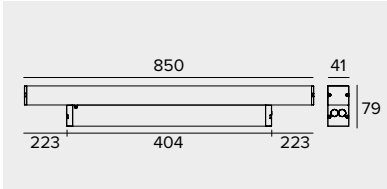


Simple cabling with a removable driver

The Jedi Compact driver is removable. This makes it possible to decide whether to leave it connected to the fixture or placed next to it (50cm cable), facilitating installation in the case of particularly thin frames or small grooves.



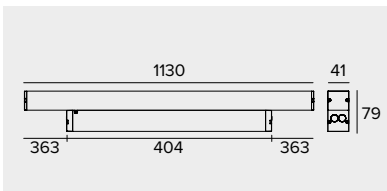
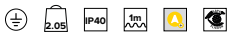
JEDI COMPACT Indoor | Integrated-removable driver | L. 850mm
 220-240Vac | Ra90 | Fixture flux 3000K from 3361lm to 3876lm



Optic	Driver	Colour	3000K	4000K
FL 40W	ON-OFF	●	1T6772EL	1T6774EL
	DALI	●	1T6772DA	1T6774DA
GRZ 40W	ON-OFF	●	1T6776EL	1T6778EL
	DALI	●	1T6776DA	1T6778DA
WW 40W	ON-OFF	●	1T6780EL	1T6782EL
	DALI	●	1T6780DA	1T6782DA

Note Related codes and accessory codes on page 154.

JEDI COMPACT Indoor | Integrated-removable driver | L. 1130mm
 220-240Vac | Ra90 | Fixture flux 3000K from 4482lm to 5168lm



Optic	Driver	Colour	3000K	4000K
FL 53W	ON-OFF	●	1T6784EL	1T6786EL
	DALI	●	1T6784DA	1T6786DA
GRZ 53W	ON-OFF	●	1T6788EL	1T6790EL
	DALI	●	1T6788DA	1T6790DA
WW 53W	ON-OFF	●	1T6792EL	1T6794EL
	DALI	●	1T6792DA	1T6794DA

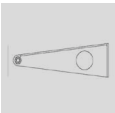
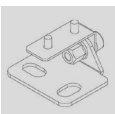
Note Related codes and accessory codes on page 154.

Related codes and accessories

JEDI COMPACT Indoor

Related codes

Bracket


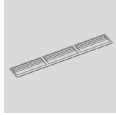
	Code	H mm	Code
	1T6940	52	1T6800
Long bracket kit for surface installation (2 pieces). Rotation +/-145°.			Medium bracket kit for surface installation (2 pieces). Integrated driver version. Rotation +/-90°.
	H mm	Code	
	24	1T6799	
Short bracket kit for surface installation (2 pieces). Remote driver version. Rotation +/-50°.			

Related codes and accessories

JEDI COMPACT Indoor

Accessory codes

Grid

	L mm	Code		L mm	Code
	278	1T6795		278	1T6796
		Symmetrical anti-glare grid. Installation inside the product. For Spot, 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.			Asymmetrical anti-glare grid. Installation inside the product. 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

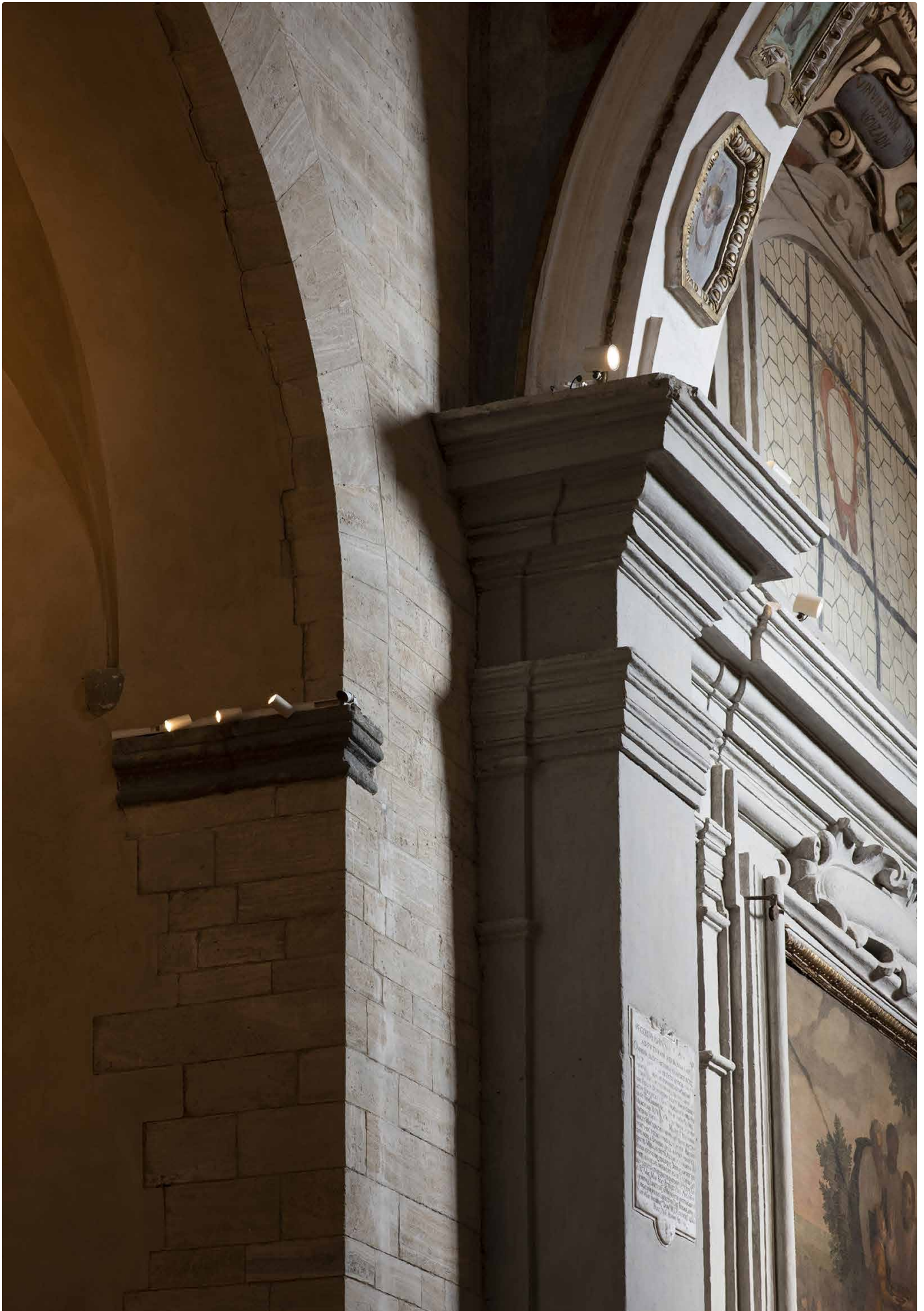
	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

CORO



The CORO range of adjustable projectors is designed to integrate into historic and exclusive architectural environments where it is important to light the space without interfering with the surrounding architecture in any way. They are particularly suitable for installation on cornices, capitals and brackets.

Surface	Accent	Soft controlled	Dynamic	3000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE
On-Off	Dali	Casambi	Florentine white	Easy Custom Colours
CONTROL			FINISH	





CORO LARGE
Ø 119mm

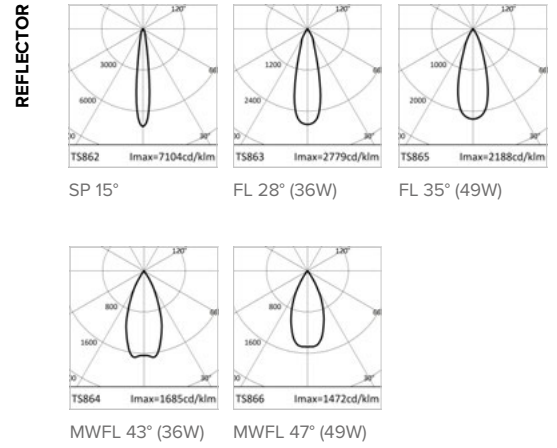


CORO SMALL
Ø 82mm

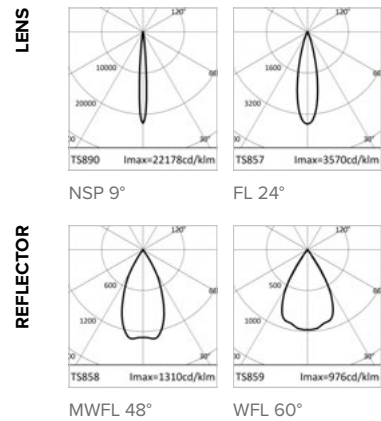
CORO is available in two sizes - Large and Small with a special Florentine White finish that makes it perfect for installation in historic buildings.



CORO LARGE
 Up to 133lm/W
 From 4034lm to 6476lm
 3000K
 Ra80 - Ra90



CORO SMALL
 Up to 120lm/W
 From 159lm to 2104lm
 3000K
 Ra80 - Ra90



LIGHTING EFFECTS

The optical systems available ensure a wide variety of light distributions with light beams of different widths. CORO Large is also available with a DBS optical system for digital management of the beam opening. The range is completed by a selection of optical accessories to shape the beam or contain glare.

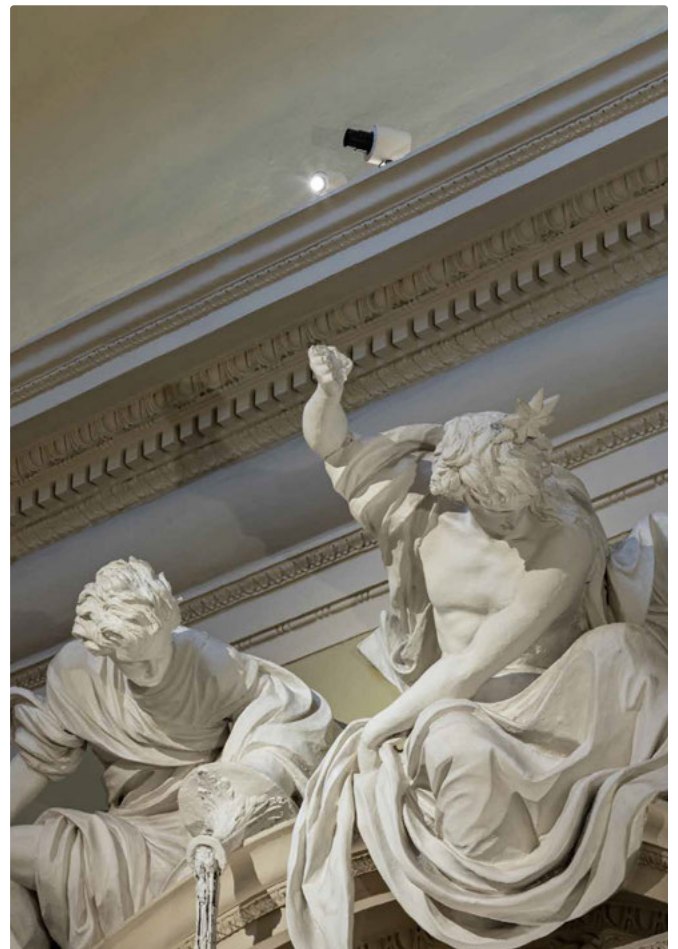
Optics	NSP	SP	FL	MWFL	WFL	DBS
CORO Large		●	●	●		●
CORO Small	●		●	●	●	

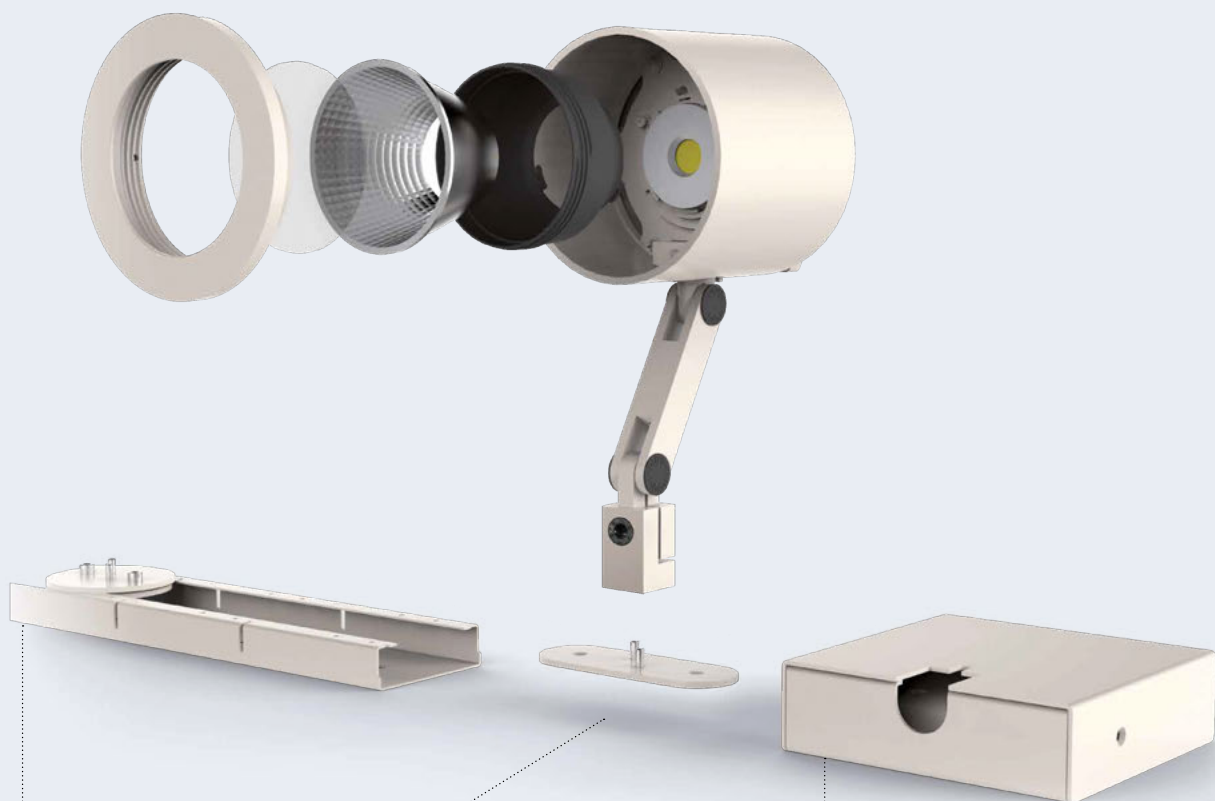
* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Adjustability

The optical body is adjustable to $\pm 165^\circ$ on the horizontal plane and 180° on the vertical plane with aiming lock via two joints with Allen screws. The arm of the projector is articulated and allows for 180° adjustability on the vertical plane.





Surface mounting channel 900mm long. The channel allows to fix the projectors at any point and house the electrical cables (to be completed with a remote driver).

Surface mounting base (to be completed with a remote driver)

Surface mounting base with an integrated driver. Also available in a Casambi version to control the fixtures using the App.

Installation

The three accessory fixing systems increase the installation flexibility of the CORO range.

CORO Large

Ra80 - Ra90 | Fixture flux 3000K from 4034lm to 6476lm

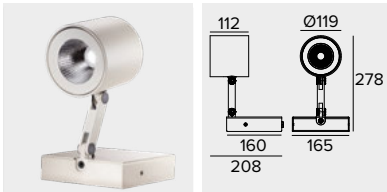


Optic	CRI	Power supply	Colour	3000K
SP 15° 36W	80	1050mA	○	1T4569
	90	1050mA	○	1T458190
FL 28° 36W	80	1050mA	○	1T4570
	90	1050mA	○	1T458290
FL 35° 49W	80	1400mA	○	1T4592
	90	1400mA	○	1T460090
MWFL 43° 36W	80	1050mA	○	1T4571
	90	1050mA	○	1T458390
MWFL 47° 49W	80	1400mA	○	1T4593
	90	1400mA	○	1T460190

Note Remote driver version: values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 162.

CORO Large | DBS

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2272lm to 2804lm

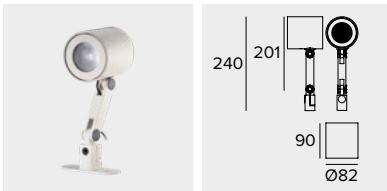


Optic	CRI	Driver	Colour	3000K
SP-WFL 14°/51° 28W	80	CASAMBI	○	1T9977CA
SP-WFL 14°/51° 29W	90	CASAMBI	○	1T997990CA

Note Related codes and accessory codes on page 162.

CORO Small

Ra80 - Ra90 | Fixture flux 3000K from 159lm to 2104lm



Optic	CRI	Power supply	Colour	3000K
NSP 9° 3W	80	900mA	○	1T4724
FL 24° 18W	80	500mA	○	1T4541
	90	500mA	○	1T529890
MWFL 48° 18W	80	500mA	○	1T4542
	90	500mA	○	1T455290
WFL 60° 18W	80	500mA	○	1T4543
	90	500mA	○	1T455390

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 163.

Related codes and accessories

CORO Large

Related codes

Mounting System



Power supply	Output current	Driver	Colour	Code
220-240Vac	1050mA max 60W	ON-OFF	○	1T4616
220-240Vac	1050mA max 60W	DALI	○	1T4617
220-240Vac	1050mA max 60W	DALI (CASAMBI)	○	1T4617CA
220-240Vac	1400mA max 60W	ON-OFF	○	1T9512EL
220-240Vac	1400mA max 60W	DALI	○	1T9512DA
220-240Vac	1400mA max 60W	DALI (CASAMBI)	○	1T9512CA

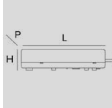
Surface mounting base with integrated driver.

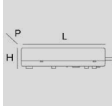
Related codes and accessories

CORO Large

Related codes



Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	160x35x83	max 42W	110-240Vac	1050mA	IP20	1T3781
	130x30x43	60W	220-240Vac	1400mA	IP20	1T9513EL
Electronic power supply.						


	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	160x35x83	max 42W	110-240Vac	1050mA	IP20	1T3783
	129x30x76	60W	220-240Vac	1400mA	IP20	1T9513DA
DALI power supply.						

Accessory codes


Filter

	Ø mm	Code		Ø mm	Code
	80	1T3141		80	1T3140
	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. Cannot be used with version from 49/W.			Flat glass micro prismatic refractive diffusive filter. This softens the luminous effect. Cannot be used with version from 49/W.	


Grid

	Ø mm	Code
	80	1T3423
Anti-glare louver. Black painted metal honeycomb structure. Cannot be used with version from 49/W.		


Zoom

	Ø mm	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 13° to 42°. It can not be used with NSP and hybrid optics; no for DBS version. Cannot be used with version from 49/W.		

Cut-off

	Ø mm	Code
	80	1T3142
Cut-off Tube. Allows for the beam to be focused while removing the fall-off component. No for DBS version. Cannot be used with version from 49/W.		

Screen


	Ø mm	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. Cannot be used with version from 49/W.		

Related codes and accessories

CORO Small

Related codes

Mounting System






	Power supply	Output current	Driver	Colour	Code
	220-240Vac	500mA	ON-OFF	○	1T4610
	220-240Vac	500mA	DALI	○	1T4611
Surface mounting base with integrated driver.					

Related codes and accessories

CORO Small

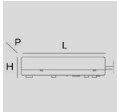
Related codes

Mounting System

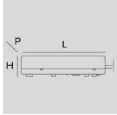
	Power supply	Output current	Driver	Colour	Code
	220-240Vac	500mA	DALI (CASAMBI)		1T4611CA
	220-240Vac	900mA	ON-OFF		1T4614
	220-240Vac	900mA	DALI		1T4615
	220-240Vac	900mA	DALI (CASAMBI)		1T4615CA

Surface mounting base with integrated driver.

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	130x30x42	max 22W	220-240Vac	500mA	IP20	1T3966
	160x35x83	max 50W	220-240Vac	900mA	IP20	1T2966


Electronic power supply.

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	150x28x42	20W	220-240Vac	900mA	IP20	1T5295DA
	119x22x52	20W 15W	220-240Vac 110-120Vac	500mA	IP20	1T4631
	160x35x83	max 50W	110-240Vac	900mA	IP20	1T2968

DALI power supply.

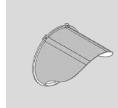
Accessory codes

Filter

	Ø mm	Code
	50	1T4721

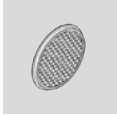
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

Screen

	Ø mm	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 mm	Code
	50	1T4322

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

Zoom

	Ø mm	Code
	50	1T4324



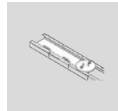

Zoom. Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter. To be used after removing the existing optic. It can not be used with a narrow spot optic. It makes it possible to obtain a variable beam from 15° to 60°.

Related codes and accessories

CORO | Codes compatible with the whole range

Related codes

Mounting System

	Colour	Code		Colour	Code
		1T4606			1T4628

White surface mounting base.

Surface mounting channel 900mm. The channel can be cut to length at intervals of 10cm. With three mounting bases for Coro "Small" and "Big".

Related codes and accessories

CORO | Codes compatible with the whole range

Accessory codes

Emergency Kit

Code

A059



Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

Control systems

Code

1T5349



IP20 wireless control unit with DALI interface.
More details on page 672.

Code

2T0131















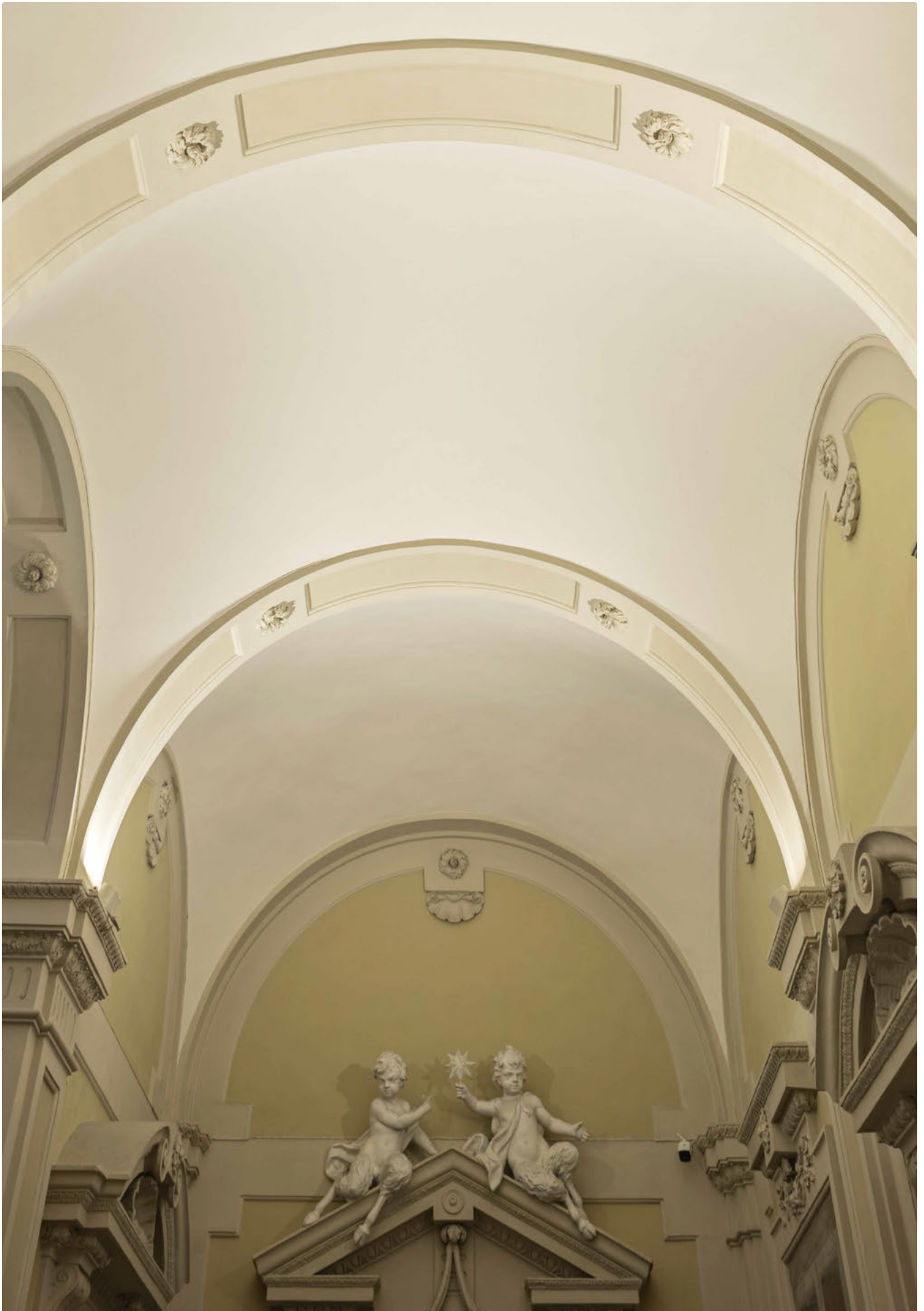
IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.

VOLTA



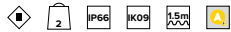
The professional projectors in the VOLTA range are suitable for lighting historical environments of particular artistic value. They are designed for wall or cornice installation, to light vaulted ceilings and pedestrian areas. The optical body can be adjusted by +/-90 on the vertical plane with an aim locking system. All versions have IP66 protection and can therefore be used both indoor and outdoor.

				
Surface	Wall-mounted	Asymmetric	Elliptical	3000K
INSTALLATION	LIGHT		COLOUR TEMPERATURE	
				
On-Off	Dali	Remote driver	Florentine white	IP66
CONTROL	POWER SUPPLY		FINISH	PROTECTION RATING
				
RESISTANCE	ON REQUEST			



VOLTA

600/900mA | Ra80 | Fixture flux 3000K from 2351lm to 3770lm



Optic	Power supply	Colour	3000K
ASY 30W	600/900mA	○	1T4634
ELL 30W	600/900mA	○	1T4636

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 168.

Related codes and accessories

VOLTA

Related codes

Power Supply

Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
160x35x83	32W	110-240Vac	600mA	IP20	1T3625
106x26x53	max 43W	220-240Vac	600mA	IP68	1E2571
160x35x83	max 50W	220-240Vac	900mA	IP20	1T2966
127x31x80	max 50W	220-240Vac	900mA	IP68	1E2573

Electronic power supply.

Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
160x35x83	32W	110-240Vac	600mA	IP20	1T3627
106x26x53	max 43W	220-240Vac	600mA	IP68	1E2572
160x35x83	max 50W	110-240Vac	900mA	IP20	1T2968
150x40x148	max 50W	220-240Vac	900mA	IP68	1E2574

DALI power supply.

Accessory codes

Filter

Colour	Code
○	1T4640

Anti-glare. PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame. To be used with ASY and ELLIPTICAL optics.

Screen

Colour	Code
○	1T4642

Asymmetric screen. Powder coated stainless steel. To be used with ELLIPTICAL optics.

Control systems

Code
1T5349

IP20 wireless control unit with DALI interface. More details on page 672.

Code
2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.

Code
1E3048

IP67 wireless control unit with DALI interface. More details on page 672.

Code
1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.



LIGHTING SYSTEMS

Indoor

Lighting Systems | 48V



OZ

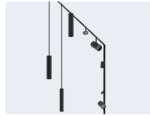
172



Recessed
Surface
Suspension

FORTYEIGHT

200



Recessed
Surface
Suspension

Lighting Systems | 230V



LOGICO EASY

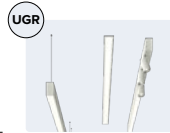
222



Ceiling mounted
Suspension

LOGICO

248



























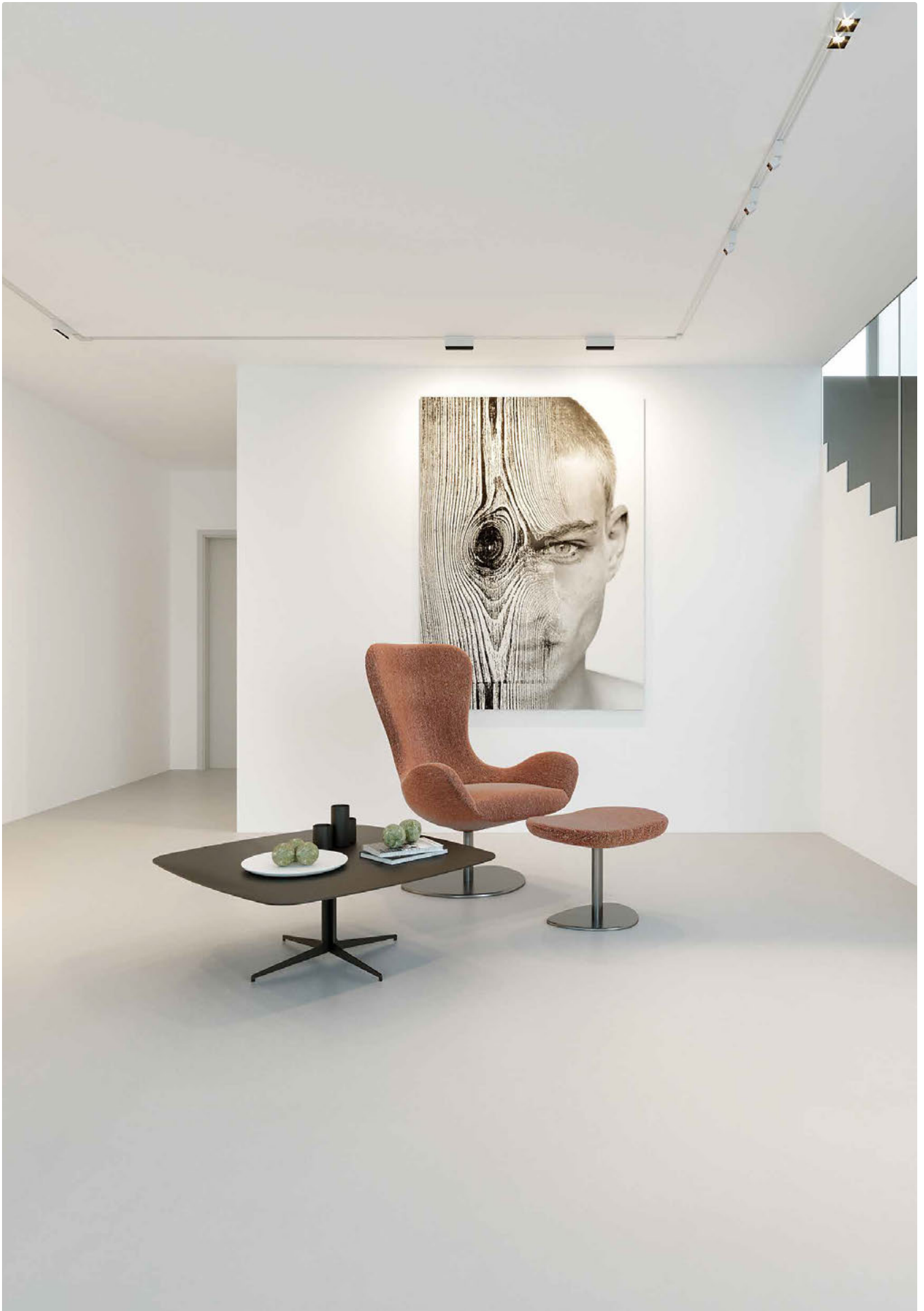
Recessed
Ceiling mounted
Suspension

OZ SYSTEM

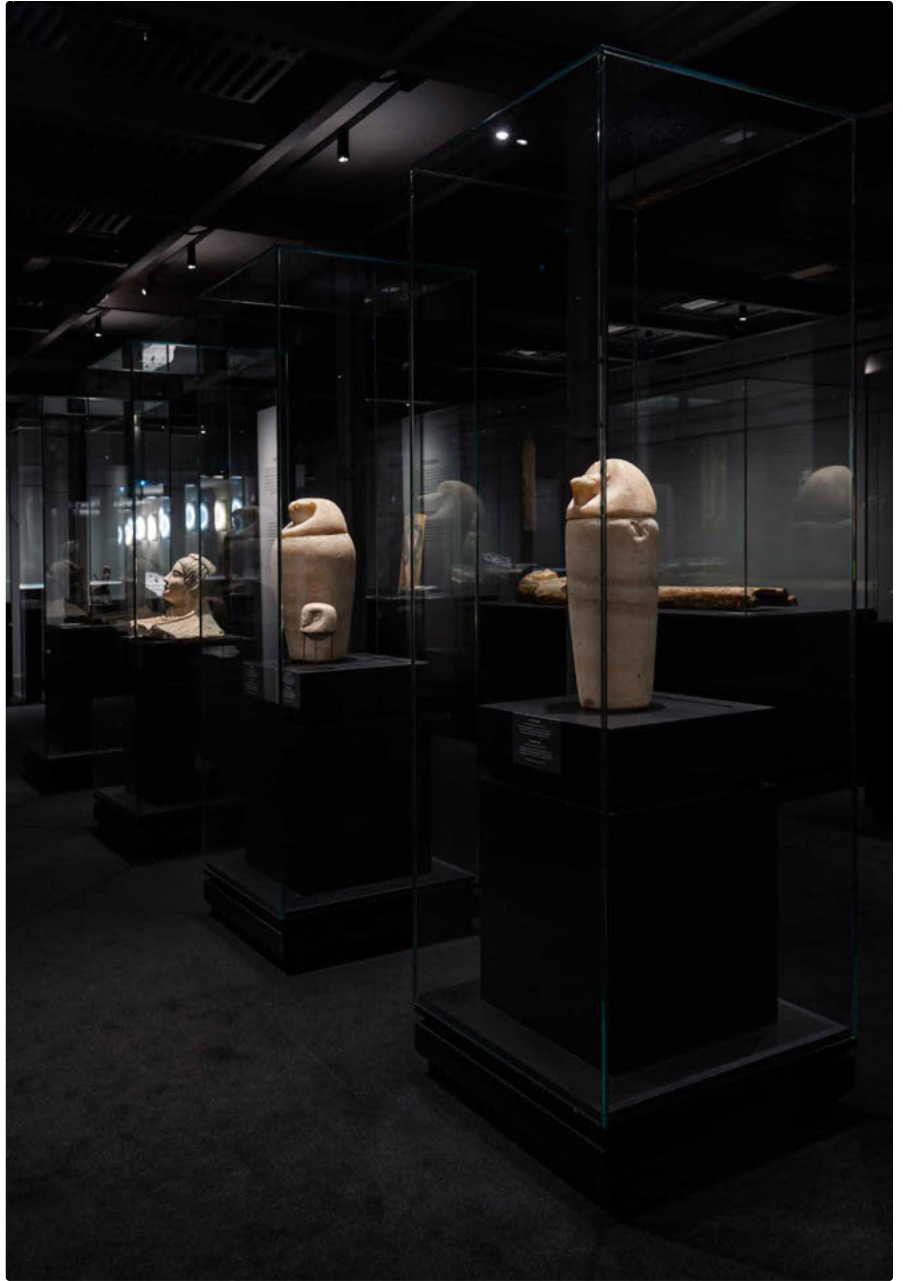


OZ is a lightweight system that designs space with extreme simplicity. An extremely thin conductive track winds through space which all the light units in the range can be attached to.

									
Recessed	Ceiling-mounted	Suspension	Wall-mounted	Recessed wall-mounted	Diffused	Spot	Accent	Wall Washer	Dynamic DBS
INSTALLATION					LIGHT				
									
2700K	3000K	3500K	4000K	Linear	Corner	Flexible	On-Off	Casambi	Dimm on Board
COLOUR TEMPERATURE				CONFIGURATION			CONTROL		
				ON REQUEST					
48Vdc	White	Black	Easy Custom Colours	110-277V Power Supply					
POWER SUPPLY		FINISH		ON REQUEST					







SINGLE MODULES

Available in fixed and adjustable Small and Large versions with a wide range of fixed optics as well as a variable DBS optic that makes it possible to digitally modify the lighting effect in a space at any time using a smartphone.

MULTIPLE MODULES

Available in Small 5x and Large 3x versions which are particularly suitable for retail and hospitality environments where it is necessary to add emphasis and character when lighting a space.

WALL WASHER MODULES

Available in Small and Large versions with a wall washer optic which makes it possible to light vertical planes in a uniform way. The Large version makes it possible to obtain excellent uniform lighting with a distance of 1.2m between fixtures.

SMALL SINGLE
25mm × 25mm

LARGE SINGLE
50mm × 50mm

**MULTIPLE SMALL
AND LARGE**
25mm × 125mm
50mm × 150mm

**SMALL AND LARGE
WALL WASHER**
25mm × 125mm
50mm × 150mm



The Powertrack is the heart of the system, it is only 6mm thick and makes it possible to create geometries between the ceiling and the wall discretely and elegantly. Available in three different lengths, it can be installed on surfaces without the use of accessories, or for suspension or recessed installations using special profiles.

The system does not need mechanical connectors, the various powertracks connect together with an electromagnetic connector that conducts the power between the two elements.

The compact size of the system, combined with its flexibility, the high quality LED sources and the wide variety of optics make it ideal for applications in the retail, hospitality and residential environments, as well as in museums.

LINEAR MODULES

Designed only for the small version the linear module is available in two different lengths delivering soft and diffused light.

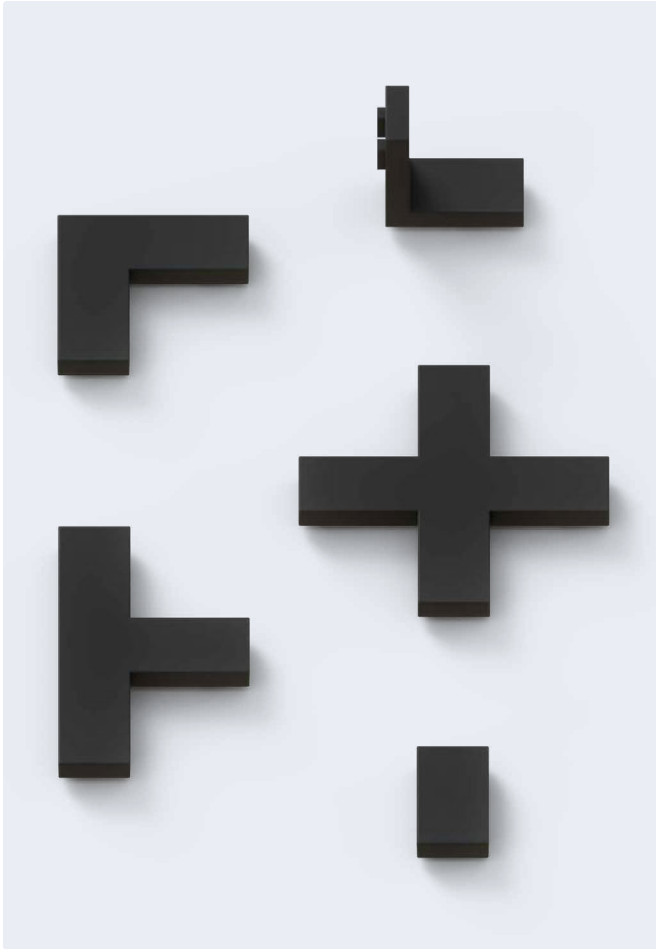
LINEAR
25mm × 569mm
25mm × 869mm



All modules are available in black and white. On request it is also possible to have them in Easy Custom Color finishes.







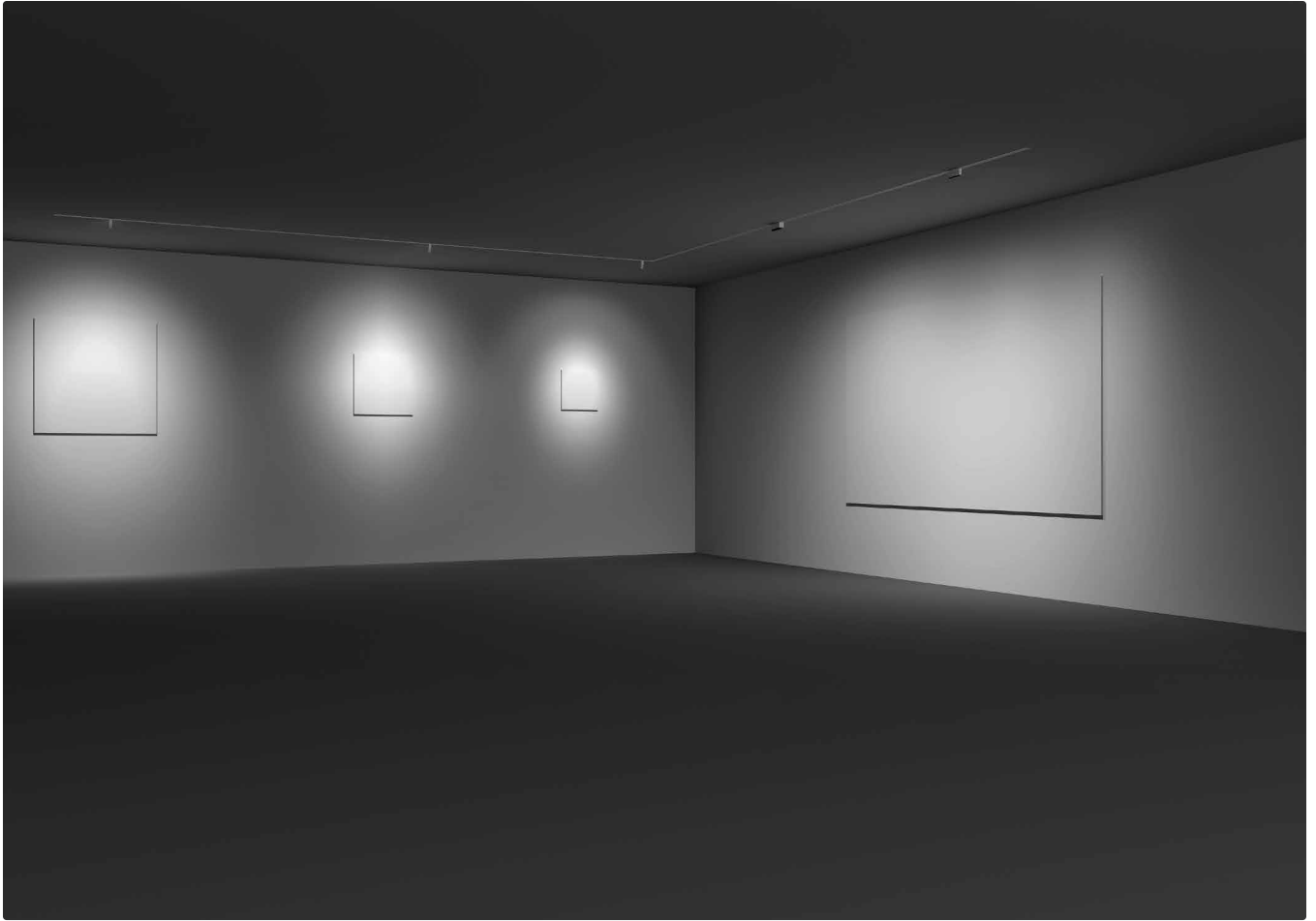
With the wide range of connectors and application possibilities configuration options are infinite.

- Planar connectors
- 90° orthogonal wall/ceiling connector
- Adjustable connector with free angles: making it possible to connect up to 8 powertracks.



The light units are based on the concept of modularity, two basic modules, one double the size of the other - **SMALL** and **LARGE** - both fixed and adjustable, single or multi-optic. The light units are installed using magnets. This allows for fixtures to be attached and removed from the powertrack effortlessly at any point and at any time, even while it's turned on!



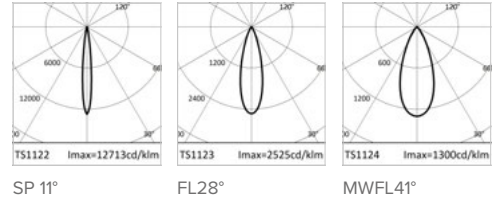


All light units are equipped with Ra90 LED sources and have polycarbonate lenses for precise, defined lighting effects.



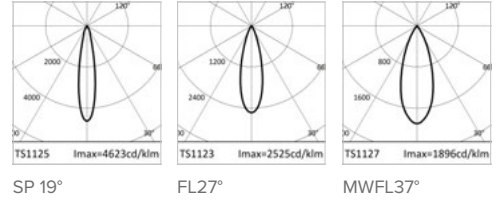
25X25 SMALL
 Up to 68lm/W
 From 142lm to 175lm
 2700K - 3000K - 3500K - 4000K
 Ra90

* Multiple modules have the same photometries. Values must be multiplied by the number of optics (5x).

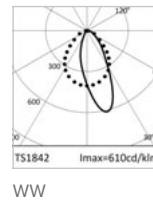


50X50 LARGE
 Up to 123lm/W
 From 621lm to 808lm
 2700K - 3000K - 3500K - 4000K
 Ra90

* Multiple modules have the same photometries. Values must be multiplied by the number of optics (3x).



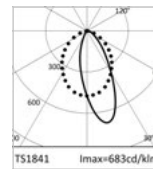
WALL WASHER SMALL
 Up to 55lm/W
 420lm
 2700K - 3000K - 3500K - 4000K
 Ra90



WW



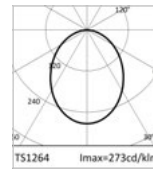
WALL WASHER LARGE
 Up to 104lm/W
 1710lm
 2700K - 3000K - 3500K - 4000K
 Ra90



WW

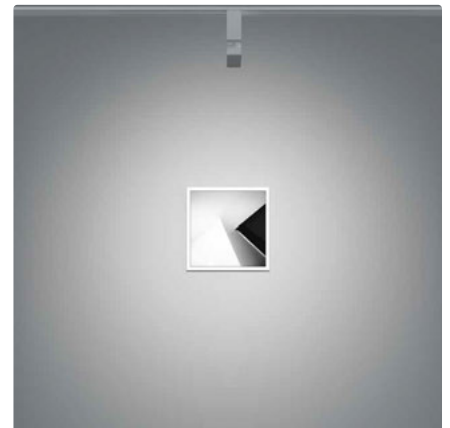
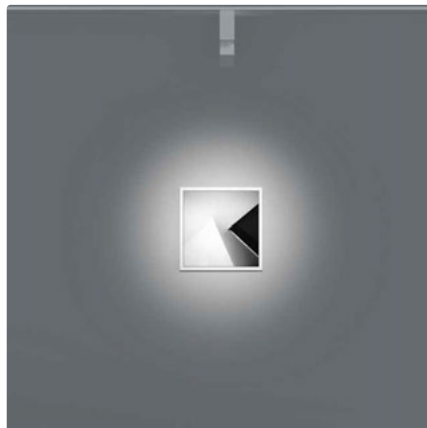


LINEAR
 Up to 75lm/W
 From 923lm to 1385lm
 2700K - 3000K - 3500K - 4000K
 Ra90

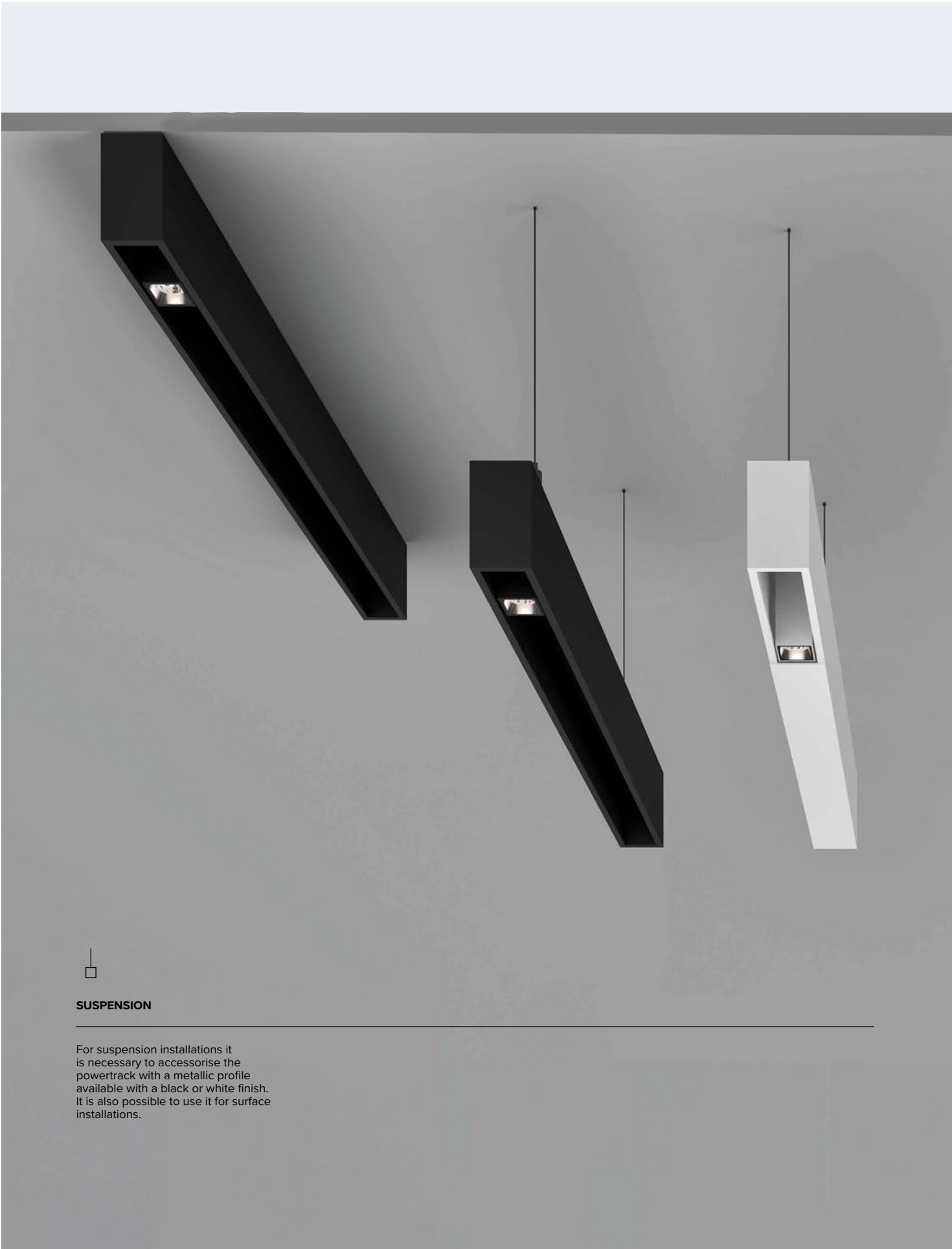


Opal

In the single version, both fixed and adjustable, Oz is available with the DBS optic system – Dynamic Beam Shaper - to digitally regulate beam openings from 15° to 45°. Using Casambi App it is possible to remotely modify the photometric distribution of each individual OZ DBS.

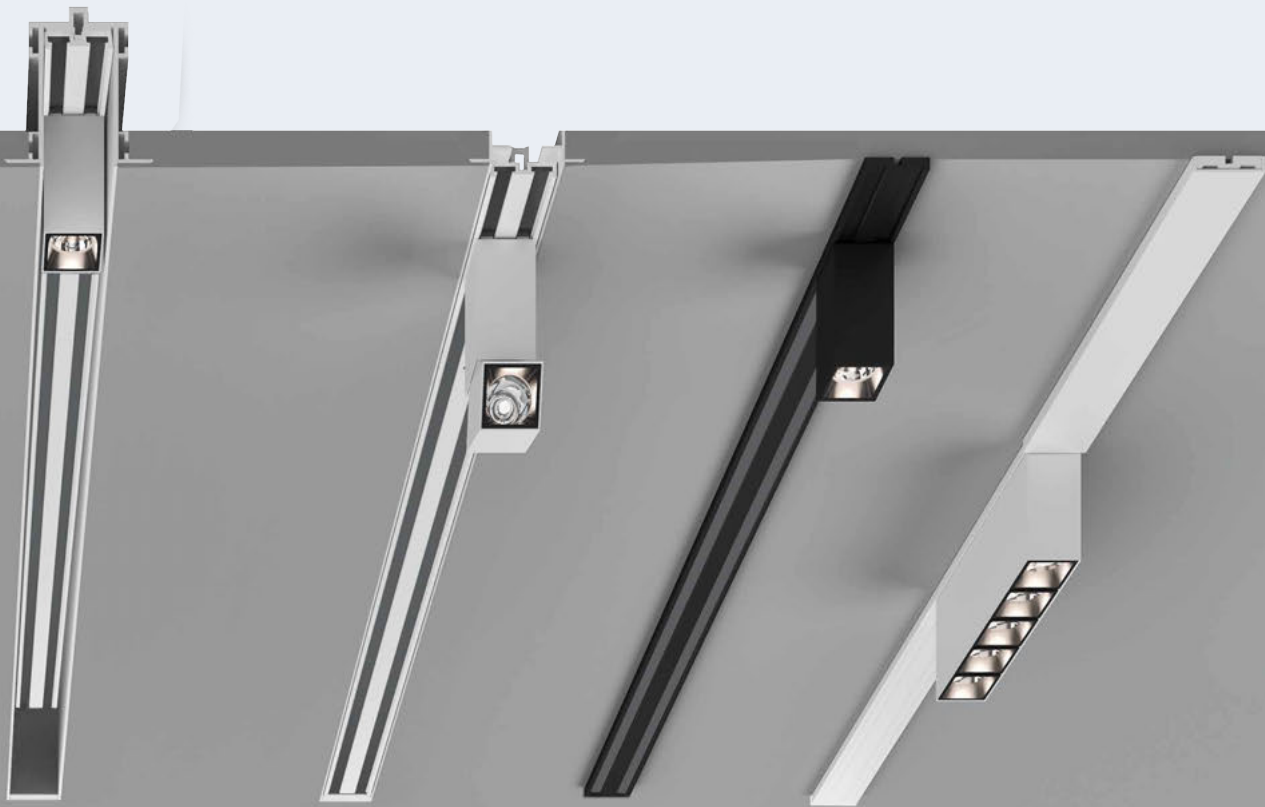


* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



SUSPENSION

For suspension installations it is necessary to accessorise the powertrack with a metallic profile available with a black or white finish. It is also possible to use it for surface installations.



COMPLETELY RECESSED TRIMLESS

It is possible to have a totally minimal effect by choosing the completely recessed trimless profile that hides the powertrack and the volume of the light units from sight. Everything remains completely flush with the surface. Available in both the Small version that is only compatible with the Small light units or in the Large version that is compatible with both sizes of light units.



COMPLETELY RECESSED TRIMLESS IN EXISTING FALSE CEILINGS

A thin accessory profile just 17mm thick makes it possible to embed the powertrack even into existing false ceilings. The profile remains inside the plasterboard panel and does not impact the metal frame. Suitable for ceiling-mounted or wall-mounted installations.



SURFACE

It is possible to install the powertrack on the wall or the ceiling without the use of any accessories and secure it with screws. The track is pre-drilled.



Control

OZ components are chosen based on how the system will be controlled



ON — OFF

- Powertrack
- Standard light units
- On board power or remote driver



CASAMBI

- Powertrack
- Casambi (CA) light units
- On board power or remote driver



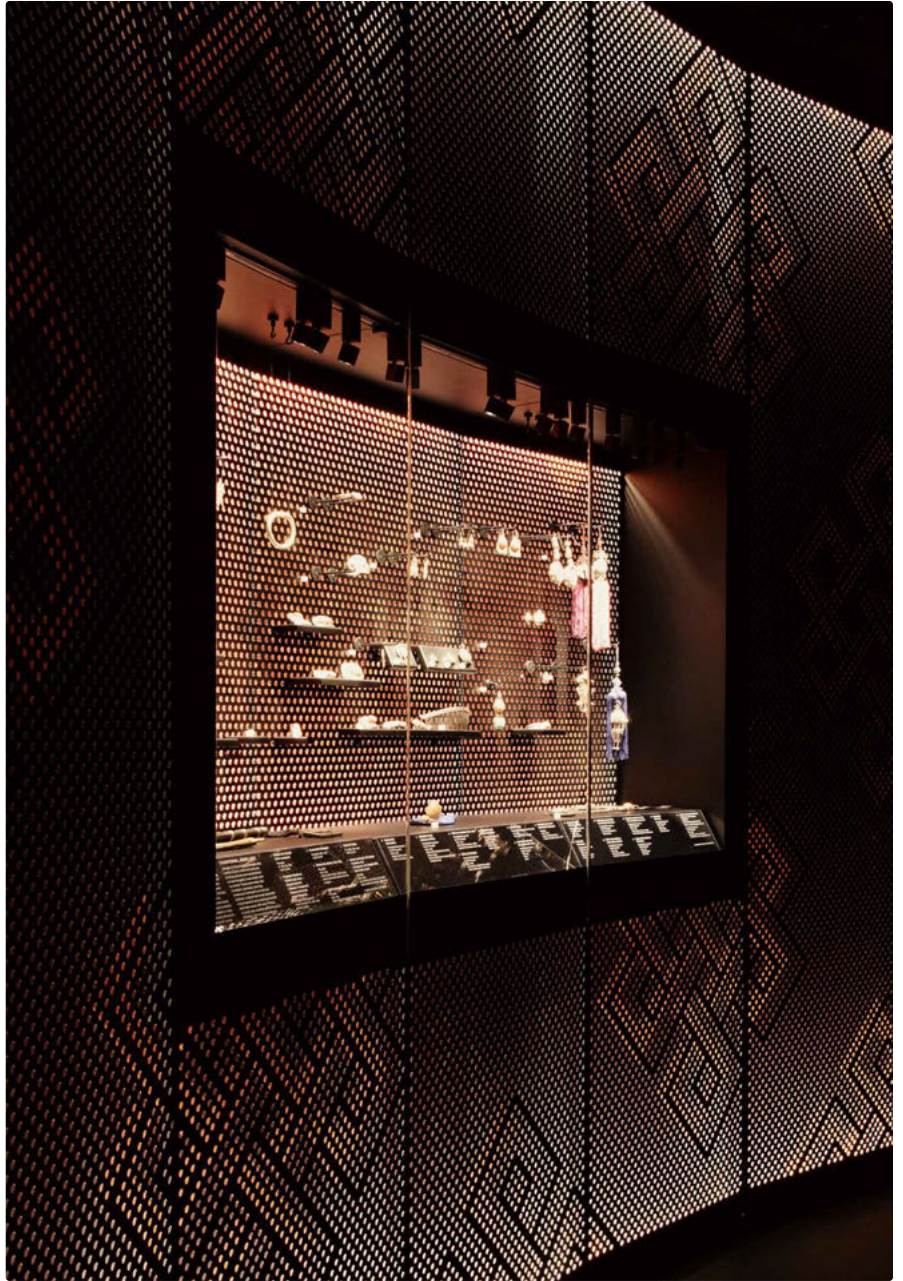
DALI

- Powertrack
- Casambi (CA) light units
- On board power or remote driver
- DALI - Casambi Bridge



DIGITAL DIMMING

- Powertrack
- Digital Dimming (DD) light units
- Digital Dimming power head (Standard or on board dimmer)
- 1-10V Controller
- Remote driver



Connectors



Light module



Power head

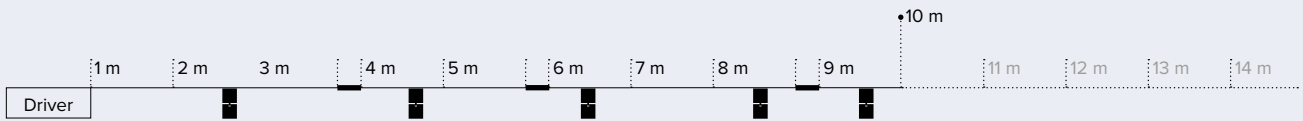
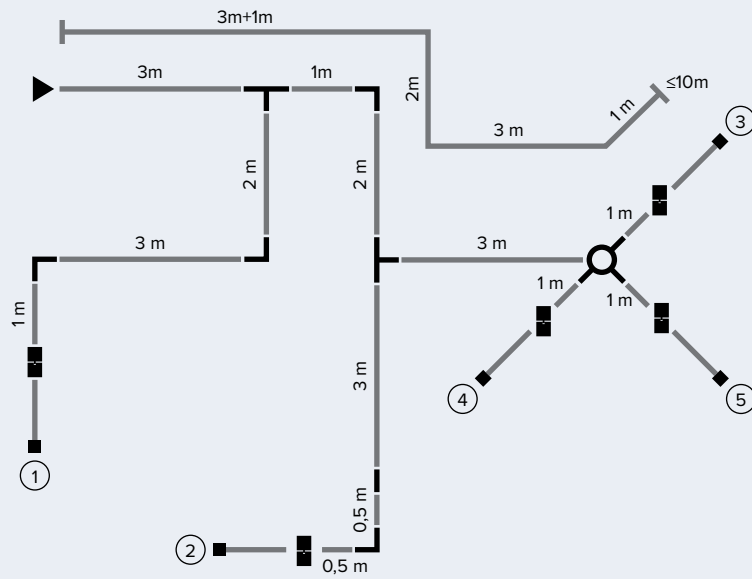


End cap

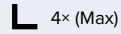


The maximum distance between the power head or the on board driver and the last light unit **must not exceed 10 metres**.

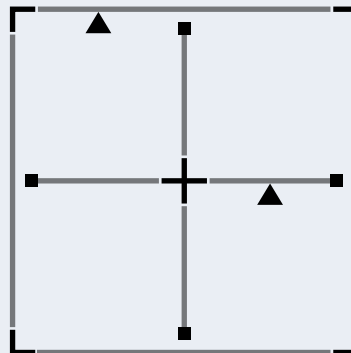
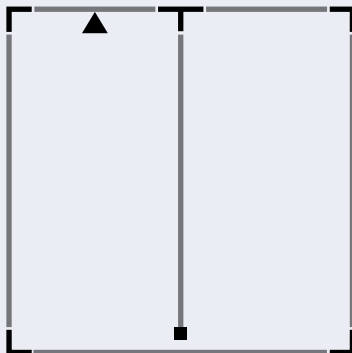
Within the same system configuration connected to a single driver every arm (that ends with an end cap) can have a maximum of 5 connectors.

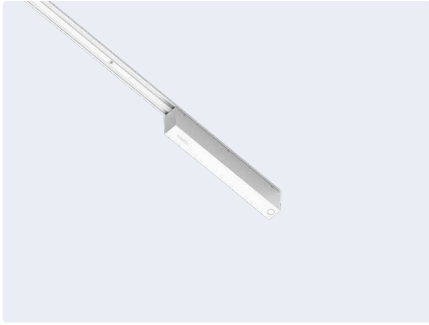


The creation of closed systems is only permitted using 4 L shaped connectors.

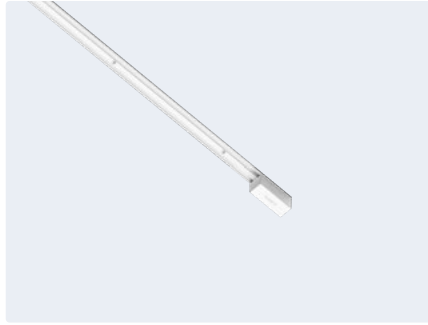


The total power of the configuration varies depending on the type of driver used. 100W is the maximum power that can be installed per metre.

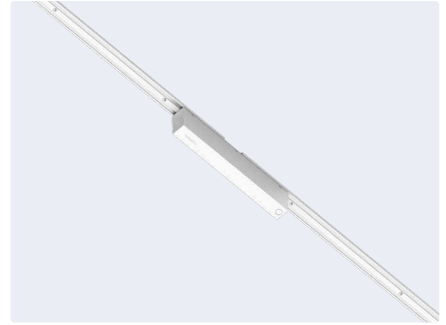




Direct installation on the powertrack with an on board driver box.



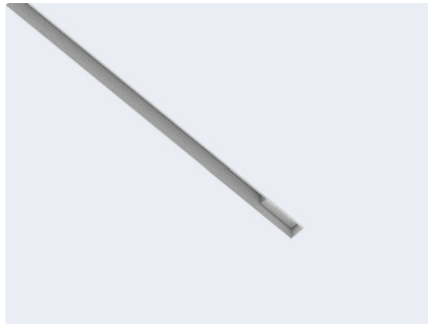
Direct installation on the powertrack with a remote driver and a power head.



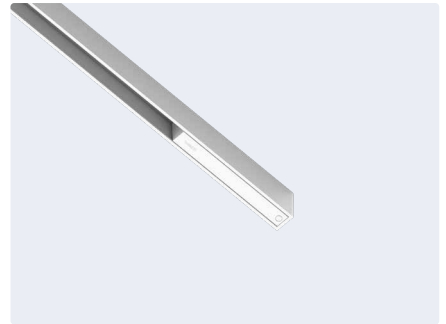
Direct installation on the power track with the on board driver box positioned in the centre between two powertracks.



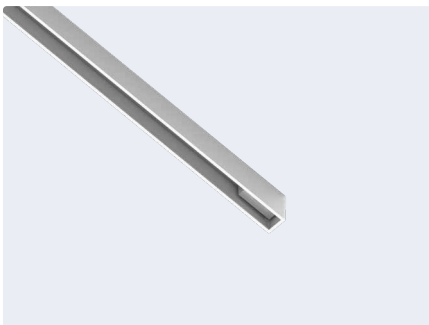
Installation on a recessed profile with an on board driver box.



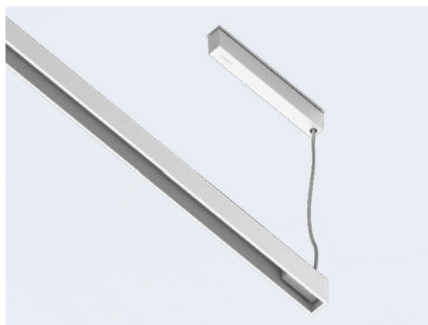
Installation on a recessed profile with a remote driver and a power head positioned on the powertrack.



Installation on a ceiling profile with an on board driver box



Installation on a ceiling profile with a remote driver and a power head positioned on the powertrack

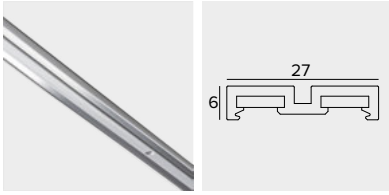


Installation on a suspension profile with a ceiling driver box and a power head positioned on the powertrack

Power Supply

OZ is powered with a driver box installed directly on the powertrack or with a power head connected to a remote driver. The on board driver box can be positioned at the beginning of the system or in the centre between two powertracks.

OZ Power Track 48Vdc



L mm	Kg	Colour	Code
1000	0.347	○	1T7431
		●	1T7434
2000	0.694	○	1T7432
		●	1T7435
3000	1.041	○	1T7433
		●	1T7436

Note Related codes and accessory codes on page 190.

Related codes and accessories

OZ Power Track

Related codes

End Caps

	Colour	Code
	○	1T7026
	●	1T7027

Kit containing 2 profile end caps.

Power Supply

Dimensions LxHxP mm	Colour	Code
71x27x25	○	1T7024
71x27x25	●	1T7025

Power head.

	Dimensions LxHxP mm	Version	Colour	Code
	71x27x26	REMOTE DIMM	○	1T9526DD
	71x27x26	DIMM ON BOARD	○	1T9603DD
	71x27x26	REMOTE DIMM	●	1T9604DD
	71x27x26	DIMM ON BOARD	●	1T9605DD

Digital dimming power head.

Driver	Colour	Code	Driver	Colour	Code
	○	1T7028EL		○	1T7030EL
	●	1T7029EL		●	1T7172EL

48Vdc driver box with magnetic coupling. LxHxP=240x54x26mm, 90W.

48Vdc driver box for ceiling installation. Complete with 2.5m of cable. LxHxP=243x58x30mm, 90W.

	Dimensions LxHxP mm	Power	IP	Code
	225x36x60	60W	IP20	1T6917EL
	240x49x60	130W	IP20	1T6916EL
	251x37x90	210W	IP67	1T7403EL


48Vdc electronic driver.
1T6917EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm².
1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm².
1T7403EL - Universal power supply (110-277V) for Electronic, DALI and Casambi systems. Maximum distance 5m - cable 1.5mm².

Related codes and accessories

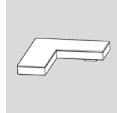
OZ Power Track

Accessory codes


Electrical Connector

	Colour	Code
	○	1T7016
	●	1T7020


Linear electrical connector.
5 the maximum joints for each driver source.

	Colour	Code
	○	1T7017
	●	1T7021

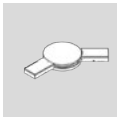
Electrical L connector.
5 the maximum joints for each driver source.

	Colour	Code
	○	1T7018
	●	1T7022

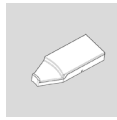
Electrical T connector.
5 the maximum joints for each driver source.

	Colour	Code
	○	1T7019
	●	1T7023


Electrical X connector.
5 the maximum joints for each driver source.

	Colour	Code
	○	1T9524
	●	1T9525

Adjustable 2 way electric connector.
Using a special accessory element it is possible to connect up to 8 Power Tracks.

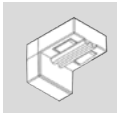
	Colour	Code
	○	1T9579
	●	1T9580

Accessory element for adjustable electric connector (1T9524 and 1T9525).

	Colour	Code
	○	1T7439
	●	1T7440

L-angle electrical coupling.
5 the maximum joints for each driver source.

Mounting System for light units

	Colour	Code
	○	1T9592
	●	1T9593

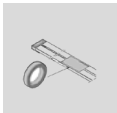
L shaped support that offers the possibility to attach modules to the Power Track at 90°.
The support allows for zenithal lighting for example when the power track is installed on the wall.
Only for single 25x25mm light modules.

Cover Panel

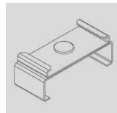
L mm	Colour	Code
1000	○	1T7938
1000	●	1T7941
2000	○	1T7939
2000	●	1T7942
3000	○	1T7940
3000	●	1T7943

Cover for Power Track (5 pieces).

Mounting System

	Code
	1T7098

Double-sided adhesive roller, 10m long, for fixing Power Track on any surface.


	Code
	1T9523

Bracket for ceiling installation of the Power Track in modular suspended ceilings.

Control systems

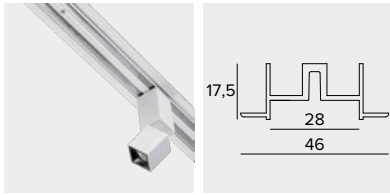
	Code
	1T9594D

1-10V (DIMM ON BOARD) controller for remote installation.
Each 1-10V controller can drive several products for a maximum of 96W per circuit.

	Code
	1T8173CA

Bridge DALI/Casambi: a fixture that allows fixtures equipped with mesh Bluetooth Casambi to interface with a traditional DALI system and to be adjusted by a DALI control unit.
More details on page [672].

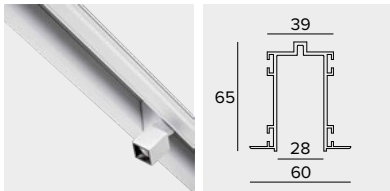
OZ Recessed profile for Power Track
Extruded painted aluminium profile



L mm	Kg	Version	Colour	Code
1000	0.4	CENTRAL/END MODULE	○	1T7489
			●	1T7492
1015	0.4	HEAD MODULE	○	1T7495
			●	1T7498
2000	0.8	CENTRAL/END MODULE	○	1T7490
			●	1T7493
2015	0.8	HEAD MODULE	○	1T7496
			●	1T7499
3000	1.2	CENTRAL/END MODULE	○	1T7491
			●	1T7494
3015	1.2	HEAD MODULE	○	1T7497
			●	1T7500

Note For trimless installation or with a flange.
To be completed with Power Track.
Related codes and accessory codes on page 194.

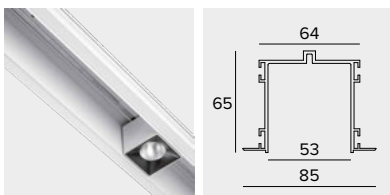
OZ Recessed profile | Small
Extruded painted aluminium profile



L mm	Kg	Version	Colour	Code
1000	1.09		○	1T7031
			●	1T7034
2000	2.18		○	1T7032
			●	1T7035
3000	3.34		○	1T7033
			●	1T7036

Note For trimless installation or with a flange.
To be completed with Power Track.
Related codes and accessory codes on page 194.

OZ Recessed profile | Large
Extruded painted aluminium profile



L mm	Kg	Version	Colour	Code
1000	1.25		○	1T7067
			●	1T7070
2000	2.5		○	1T7068
			●	1T7071
3000	3.75		○	1T7069
			●	1T7072

Note For trimless installation or with a flange.
To be completed with Power Track.
Related codes and accessory codes on page 194.

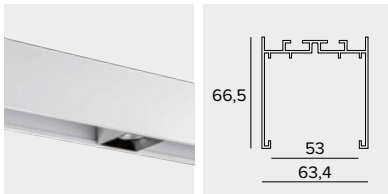
OZ Ceiling/Suspension installation profile | Small
Extruded painted aluminium profile



L mm	Kg	Version	Colour	Code
1000	0.865	CENTRAL/END MODULE	○	1T7044
			●	1T7047
1015	0.876	HEAD MODULE	○	1T7050
			●	1T7053
2000	1.73	CENTRAL/END MODULE	○	1T7045
			●	1T7048
2015	1.74	HEAD MODULE	○	1T7051
			●	1T7054
3000	2.6	CENTRAL/END MODULE	○	1T7046
			●	1T7049
3015	2.61	HEAD MODULE	○	1T7052
			●	1T7055

Note 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 it is necessary to order a minimum of two head modules or multiples of two to install back to back.
To be completed with Power Track.
Related codes and accessory codes on page 194.

OZ Ceiling/Suspension installation profile | Large
Extruded painted aluminium profile



L mm	Kg	Version	Colour	Code
1000	1.035	CENTRAL/END MODULE	○	1T7077
			●	1T7080
1015	1.048	HEAD MODULE	○	1T7083
			●	1T7086
2000	2.07	CENTRAL/END MODULE	○	1T7078
			●	1T7081
2015	2.083	HEAD MODULE	○	1T7084
			●	1T7087
3000	3.104	CENTRAL/END MODULE	○	1T7079
			●	1T7082
3015	3.12	HEAD MODULE	○	1T7085
			●	1T7088

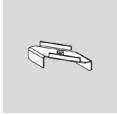
Note For stand-alone installation only used head modules.
For system installation it is necessary to start the configuration with a head module.
For closed configurations it is necessary to order a minimum of two head modules or multiples of two to install back to back.
To be completed with Power Track.
Related codes and accessory codes on page 194.

Related codes and accessories

OZ Recessed profile for Power Track

Related codes

Mounting System


	Code
	1T7501
Steel bracket for Power Track built-in installation. 2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.	

Related codes and accessories

OZ Recessed profile

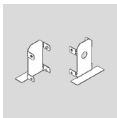
Related codes

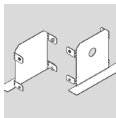
Mounting System

	Code
	1T7043
Steel bracket for recessed installation of the small profile. 2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.	

	Code
	1T7076
Steel bracket for recessed installation of the large profile. 2 pieces to be ordered for 1m long modules, 3 pieces for 2m long modules and 4 pieces for 3m long modules.	

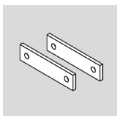
End Caps

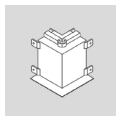
	Colour	Code
	○	1T7039
	●	1T7040
Kit containing 2 profile end caps. For small recessed profiles.		

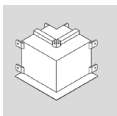
	Colour	Code
	○	1T7073
	●	1T7074
Kit containing 2 profile end caps. For large recessed profiles.		

Accessory codes

Mechanical connector

	Code
	1T7041
Kit composed of 2 mechanical linear joints and 4 thrust screws. For trimless installation profile.	

	Colour	Code
	○	1T7037
	●	1T7038
Mechanical L connector. For small recessed profiles.		


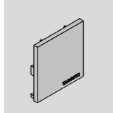
	Colour	Code
	○	1T7437
	●	1T7438
Mechanical L connector. For large recessed profiles.		

Related codes and accessories


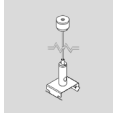
OZ Ceiling/Suspension installation profile

Related codes

End Caps

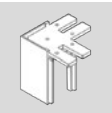
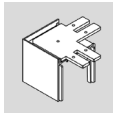
	Colour	Code		Colour	Code
	○	1T7062		○	1T7095
	●	1T7063		●	1T7096
Kit containing 2 profile end caps. For small ceiling/suspension mounted profiles.			Kit containing 2 profile end caps. For large ceiling/suspension mounted profiles.		


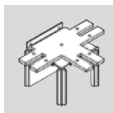
Mounting System


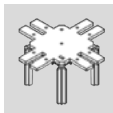
	Code		Code
	1T7065		1T7066
Ceiling installation kit. 2 pieces to be ordered for 1m long modules, 2 pieces for 2m long modules and 3 pieces for 3m long modules.		Suspension installation kit. L=2000mm. 2 pieces to be ordered for 1m long modules, 2 pieces for 2m long modules and 3 pieces for 3m long modules.	

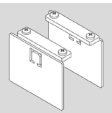
Accessory codes

Mechanical connector


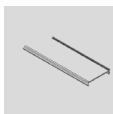
	Colour	Code		Colour	Code
	○	1T7056		○	1T7089
	●	1T7059		●	1T7092
Mechanical L connector. For small ceiling/suspension mounted profiles.			Mechanical L connector. For large ceiling/suspension mounted profiles.		

	Colour	Code		Colour	Code
	○	1T7057		○	1T7090
	●	1T7060		●	1T7093
Mechanical T connector. For small ceiling/suspension mounted profiles.			Mechanical T connector. For large ceiling/suspension mounted profiles.		

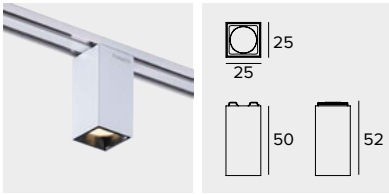
	Colour	Code		Colour	Code
	○	1T7058		○	1T7091
	●	1T7061		●	1T7094
Mechanical X connector. For small ceiling/suspension mounted profiles.			Mechanical X connector. For large ceiling/suspension mounted profiles.		

	Colour	Code
	○	1T7064
	●	1T7097
Linear mechanical joint, made of 4 mechanical joints and 4 screws. For ceiling/suspension installation profile.		

Cover Panel

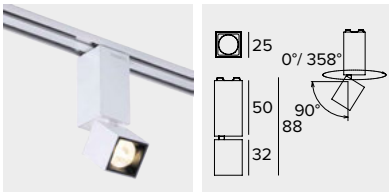
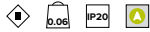
	L mm	Colour	Code		L mm	Colour	Code
	1000	○	1T9595		1000	○	1T9599
	1000	●	1T9597		1000	●	1T9601
	2000	○	1T9596		2000	○	1T9600
	2000	●	1T9598		2000	●	1T9602
Cover for small profiles for ceiling/suspension installation.				Cover for large profiles for ceiling/suspension installation.			

OZ Lighting module | Single fixed | 25x25mm
 48Vdc | Ra90 | Fixture flux 3000K from 142lm to 175lm



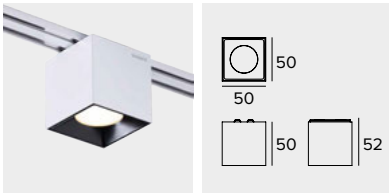
Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 11° 3W	ON-OFF	○	1T7506	1T7507	1T7508	1T7509
		●	1T7518	1T7519	1T7520	1T7521
	CASAMBI	○	1T7099CA	1T7100CA	1T7101CA	1T7102CA
		●	1T7111CA	1T7112CA	1T7113CA	1T7114CA
	DIGITAL DIMMING	○	1T7099DD	1T7100DD	1T7101DD	1T7102DD
		●	1T7111DD	1T7112DD	1T7113DD	1T7114DD
FL 28° 3W	ON-OFF	○	1T7510	1T7511	1T7512	1T7513
		●	1T7522	1T7523	1T7524	1T7525
	CASAMBI	○	1T7103CA	1T7104CA	1T7105CA	1T7106CA
		●	1T7115CA	1T7116CA	1T7117CA	1T7118CA
	DIGITAL DIMMING	○	1T7103DD	1T7104DD	1T7105DD	1T7106DD
		●	1T7115DD	1T7116DD	1T7117DD	1T7118DD
MWFL 41° 3W	ON-OFF	○	1T7514	1T7515	1T7516	1T7517
		●	1T7526	1T7527	1T7528	1T7529
	CASAMBI	○	1T7107CA	1T7108CA	1T7109CA	1T7110CA
		●	1T7119CA	1T7120CA	1T7121CA	1T7122CA
	DIGITAL DIMMING	○	1T7107DD	1T7108DD	1T7109DD	1T7110DD
		●	1T7119DD	1T7120DD	1T7121DD	1T7122DD
DBS SP-FL 16°/35° 3W	CASAMBI	○	1T7965CA	1T7961CA	1T7969CA	1T7973CA
		●	1T7949CA	1T7945CA	1T7953CA	1T7957CA

OZ Lighting module | Single adjustable | 25x25mm
 48Vdc | Ra90 | Fixture flux 3000K from 142lm to 175lm



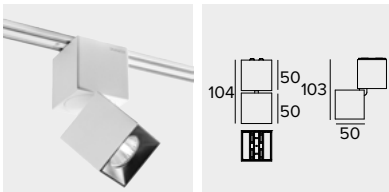
Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 11° 3W	ON-OFF	○	1T7530	1T7531	1T7532	1T7533
		●	1T7542	1T7543	1T7544	1T7545
	CASAMBI	○	1T7123CA	1T7124CA	1T7125CA	1T7126CA
		●	1T7135CA	1T7136CA	1T7137CA	1T7138CA
	DIGITAL DIMMING	○	1T7123DD	1T7124DD	1T7125DD	1T7126DD
		●	1T7135DD	1T7136DD	1T7137DD	1T7138DD
FL 28° 3W	ON-OFF	○	1T7534	1T7535	1T7536	1T7537
		●	1T7546	1T7547	1T7548	1T7549
	CASAMBI	○	1T7127CA	1T7128CA	1T7129CA	1T7130CA
		●	1T7139CA	1T7140CA	1T7141CA	1T7142CA
	DIGITAL DIMMING	○	1T7127DD	1T7128DD	1T7129DD	1T7130DD
		●	1T7139DD	1T7140DD	1T7141DD	1T7142DD
MWFL 41° 3W	ON-OFF	○	1T7538	1T7539	1T7540	1T7541
		●	1T7550	1T7551	1T7552	1T7553
	CASAMBI	○	1T7131CA	1T7132CA	1T7133CA	1T7134CA
		●	1T7143CA	1T7144CA	1T7145CA	1T7146CA
	DIGITAL DIMMING	○	1T7131DD	1T7132DD	1T7133DD	1T7134DD
		●	1T7143DD	1T7144DD	1T7145DD	1T7146DD
DBS SP-FL 16°/35° 3W	CASAMBI	○	1T7967CA	1T7963CA	1T7971CA	1T7975CA
		●	1T7951CA	1T7947CA	1T7955CA	1T7959CA

OZ Lighting module | Single fixed | 50x50mm
 48Vdc | Ra90 | Fixture flux 3000K from 621lm to 808lm



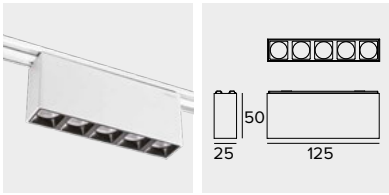
Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 19° 8W	ON-OFF	○	1T7554	1T7555	1T7556	1T7557
		●	1T7566	1T7567	1T7568	1T7569
	CASAMBI	○	1T7147CA	1T7148CA	1T7149CA	1T7150CA
		●	1T7159CA	1T7160CA	1T7161CA	1T7162CA
	DIGITAL DIMMING	○	1T7147DD	1T7148DD	1T7149DD	1T7150DD
		●	1T7159DD	1T7160DD	1T7161DD	1T7162DD
FL 27° 7W	ON-OFF	○	1T7558	1T7559	1T7560	1T7561
		●	1T7570	1T7571	1T7572	1T7573
	CASAMBI	○	1T7151CA	1T7152CA	1T7153CA	1T7154CA
		●	1T7163CA	1T7164CA	1T7165CA	1T7166CA
	DIGITAL DIMMING	○	1T7151DD	1T7152DD	1T7153DD	1T7154DD
		●	1T7163DD	1T7164DD	1T7165DD	1T7166DD
MWFL 37° 7W	ON-OFF	○	1T7562	1T7563	1T7564	1T7565
		●	1T7574	1T7575	1T7576	1T7577
	CASAMBI	○	1T7155CA	1T7156CA	1T7157CA	1T7158CA
		●	1T7167CA	1T7168CA	1T7169CA	1T7170CA
	DIGITAL DIMMING	○	1T7155DD	1T7156DD	1T7157DD	1T7158DD
		●	1T7167DD	1T7168DD	1T7169DD	1T7170DD
DBS FL-MWFL 22°/46° 8W	CASAMBI	○	1T7966CA	1T7962CA	1T7970CA	1T7974CA
		●	1T7950CA	1T7946CA	1T7954CA	1T7958CA

OZ Lighting module | Single adjustable | 50x50mm
 48Vdc | Ra90 | Fixture flux 3000K from 621lm to 808lm



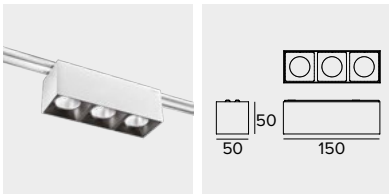
Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 19° 8W	ON-OFF	○	1T7578	1T7579	1T7580	1T7581
		●	1T7590	1T7591	1T7592	1T7593
	CASAMBI	○	1T7407CA	1T7408CA	1T7409CA	1T7410CA
		●	1T7419CA	1T7420CA	1T7421CA	1T7422CA
	DIGITAL DIMMING	○	1T7407DD	1T7408DD	1T7409DD	1T7410DD
		●	1T7419DD	1T7420DD	1T7421DD	1T7422DD
FL 27° 7W	ON-OFF	○	1T7582	1T7583	1T7584	1T7585
		●	1T7594	1T7595	1T7596	1T7597
	CASAMBI	○	1T7411CA	1T7412CA	1T7413CA	1T7414CA
		●	1T7423CA	1T7424CA	1T7425CA	1T7426CA
	DIGITAL DIMMING	○	1T7411DD	1T7412DD	1T7413DD	1T7414DD
		●	1T7423DD	1T7424DD	1T7425DD	1T7426DD
MWFL 37° 7W	ON-OFF	○	1T7586	1T7587	1T7588	1T7589
		●	1T7598	1T7599	1T7600	1T7601
	CASAMBI	○	1T7415CA	1T7416CA	1T7417CA	1T7418CA
		●	1T7427CA	1T7428CA	1T7429CA	1T7430CA
	DIGITAL DIMMING	○	1T7415DD	1T7416DD	1T7417DD	1T7418DD
		●	1T7427DD	1T7428DD	1T7429DD	1T7430DD
DBS FL-MWFL 22°/46° 8W	CASAMBI	○	1T7968CA	1T7964CA	1T7972CA	1T7976CA
		●	1T7952CA	1T7948CA	1T7956CA	1T7960CA

OZ Lighting module | Multiple | Small 5x | 25x125mm
 48Vdc | Ra90 | Fixture flux 3000K from 472lm to 510lm



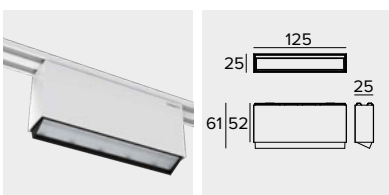
Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 11° 8W	ON-OFF	○	2T0067	2T0068	2T0069	2T0070
		●	2T0079	2T0080	2T0081	2T0082
	CASAMBI	○	2T0067CA	2T0068CA	2T0069CA	2T0070CA
		●	2T0079CA	2T0080CA	2T0081CA	2T0082CA
	DIGITAL DIMMING	○	2T0067DD	2T0068DD	2T0069DD	2T0070DD
		●	2T0079DD	2T0080DD	2T0081DD	2T0082DD
FL 28° 8W	ON-OFF	○	2T0071	2T0072	2T0073	2T0074
		●	2T0083	2T0084	2T0085	2T0086
	CASAMBI	○	2T0071CA	2T0072CA	2T0073CA	2T0074CA
		●	2T0083CA	2T0084CA	2T0085CA	2T0086CA
	DIGITAL DIMMING	○	2T0071DD	2T0072DD	2T0073DD	2T0074DD
		●	2T0083DD	2T0084DD	2T0085DD	2T0086DD
MWFL 41° 8W	ON-OFF	○	2T0075	2T0076	2T0077	2T0078
		●	2T0087	2T0088	2T0089	2T0090
	CASAMBI	○	2T0075CA	2T0076CA	2T0077CA	2T0078CA
		●	2T0087CA	2T0088CA	2T0089CA	2T0090CA
	DIGITAL DIMMING	○	2T0075DD	2T0076DD	2T0077DD	2T0078DD
		●	2T0087DD	2T0088DD	2T0089DD	2T0090DD

OZ Lighting module | Multiple | Large 3x | 50x150mm
 48Vdc | Ra90 | Fixture flux 3000K from 1770lm to 1969lm



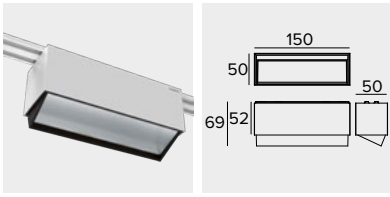
Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 19° 19W	ON-OFF	○	2T0091	2T0092	2T0093	2T0094
		●	2T0103	2T0104	2T0105	2T0106
	CASAMBI	○	2T0091CA	2T0092CA	2T0093CA	2T0094CA
		●	2T0103CA	2T0104CA	2T0105CA	2T0106CA
	DIGITAL DIMMING	○	2T0091DD	2T0092DD	2T0093DD	2T0094DD
		●	2T0103DD	2T0104DD	2T0105DD	2T0106DD
FL 27° 18W	ON-OFF	○	2T0095	2T0096	2T0097	2T0098
		●	2T0107	2T0108	2T0109	2T0110
	CASAMBI	○	2T0095CA	2T0096CA	2T0097CA	2T0098CA
		●	2T0107CA	2T0108CA	2T0109CA	2T0110CA
	DIGITAL DIMMING	○	2T0095DD	2T0096DD	2T0097DD	2T0098DD
		●	2T0107DD	2T0108DD	2T0109DD	2T0110DD
MWFL 37° 18W	ON-OFF	○	2T0099	2T0100	2T0101	2T0102
		●	2T0111	2T0112	2T0113	2T0114
	CASAMBI	○	2T0099CA	2T0100CA	2T0101CA	2T0102CA
		●	2T0111CA	2T0112CA	2T0113CA	2T0114CA
	DIGITAL DIMMING	○	2T0099DD	2T0100DD	2T0101DD	2T0102DD
		●	2T0111DD	2T0112DD	2T0113DD	2T0114DD

OZ Lighting module | Wall Washer | Small | 25x125mm
 48Vdc | Ra90 | Fixture flux 3000K 420lm



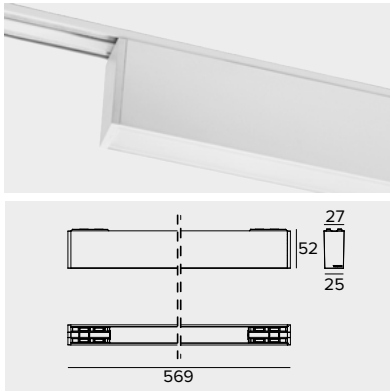
Optic	Version	Colour	2700K	3000K	3500K	4000K
WW 8W	ON-OFF	○	2T0115	2T0116	2T0117	2T0118
		●	2T0119	2T0120	2T0121	2T0122
	CASAMBI	○	2T0115CA	2T0116CA	2T0117CA	2T0118CA
		●	2T0119CA	2T0120CA	2T0121CA	2T0122CA
	DIGITAL DIMMING	○	2T0115DD	2T0116DD	2T0117DD	2T0118DD
		●	2T0119DD	2T0120DD	2T0121DD	2T0122DD

OZ Lighting module | Wall Washer | Large | 50x150mm
 48Vdc | Ra90 | Fixture flux 3000K 1710lm



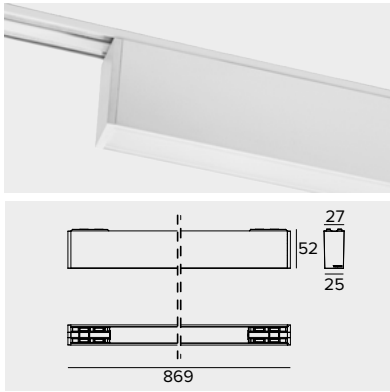
Optic	Version	Colour	2700K	3000K	3500K	4000K
WW 18W	ON-OFF	○	2T0123	2T0124	2T0125	2T0126
		●	2T0127	2T0128	2T0129	2T0130
	CASAMBI	○	2T0123CA	2T0124CA	2T0125CA	2T0126CA
		●	2T0127CA	2T0128CA	2T0129CA	2T0130CA
	DIGITAL DIMMING	○	2T0123DD	2T0124DD	2T0125DD	2T0126DD
		●	2T0127DD	2T0128DD	2T0129DD	2T0130DD

OZ Lighting module | Linear | L. 569mm
 48Vdc | Ra90 | Fixture flux 3000K 923lm



Emission	Version	Colour	2700K	3000K	3500K	4000K
OPAL 13W	ON-OFF	○	1T8190	1T8191	1T8192	1T8193
		●	1T8194	1T8195	1T8196	1T8197
	CASAMBI	○	1T8190CA	1T8191CA	1T8192CA	1T8193CA
		●	1T8194CA	1T8195CA	1T8196CA	1T8197CA
	DIGITAL DIMMING	○	1T8190DD	1T8191DD	1T8192DD	1T8193DD
		●	1T8194DD	1T8195DD	1T8196DD	1T8197DD

OZ Lighting module | Linear | L. 869mm
 48Vdc | Ra90 | Fixture flux 3000K 1385lm























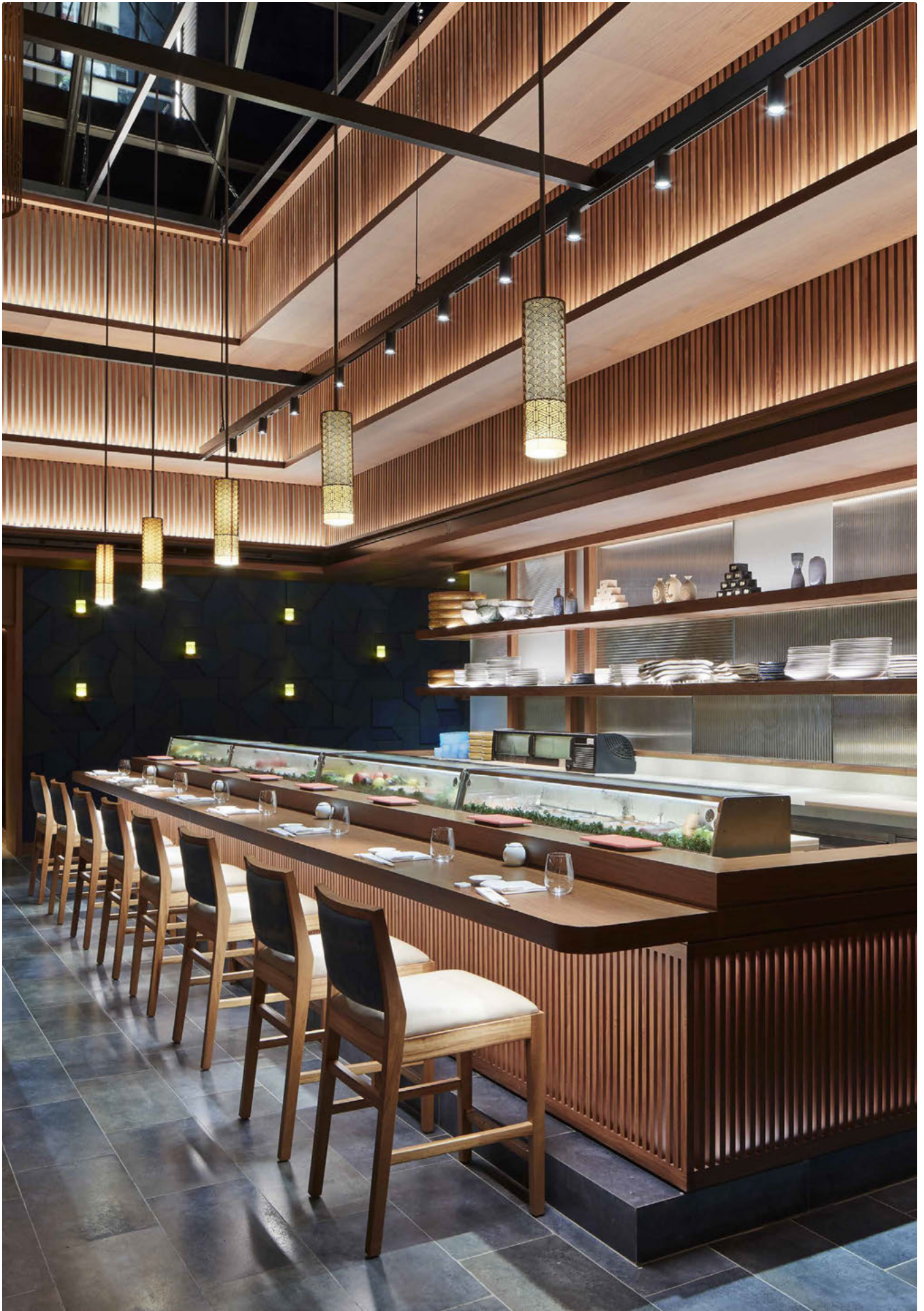
Emission	Version	Colour	2700K	3000K	3500K	4000K
OPAL 20W	ON-OFF	○	1T8198	1T8199	1T8200	1T8201
		●	1T8202	1T8203	1T8204	1T8205
	CASAMBI	○	1T8198CA	1T8199CA	1T8200CA	1T8201CA
		●	1T8202CA	1T8203CA	1T8204CA	1T8205CA
	DIGITAL DIMMING	○	1T8198DD	1T8199DD	1T8200DD	1T8201DD
		●	1T8202DD	1T8203DD	1T8204DD	1T8205DD

FORTYEIGHT

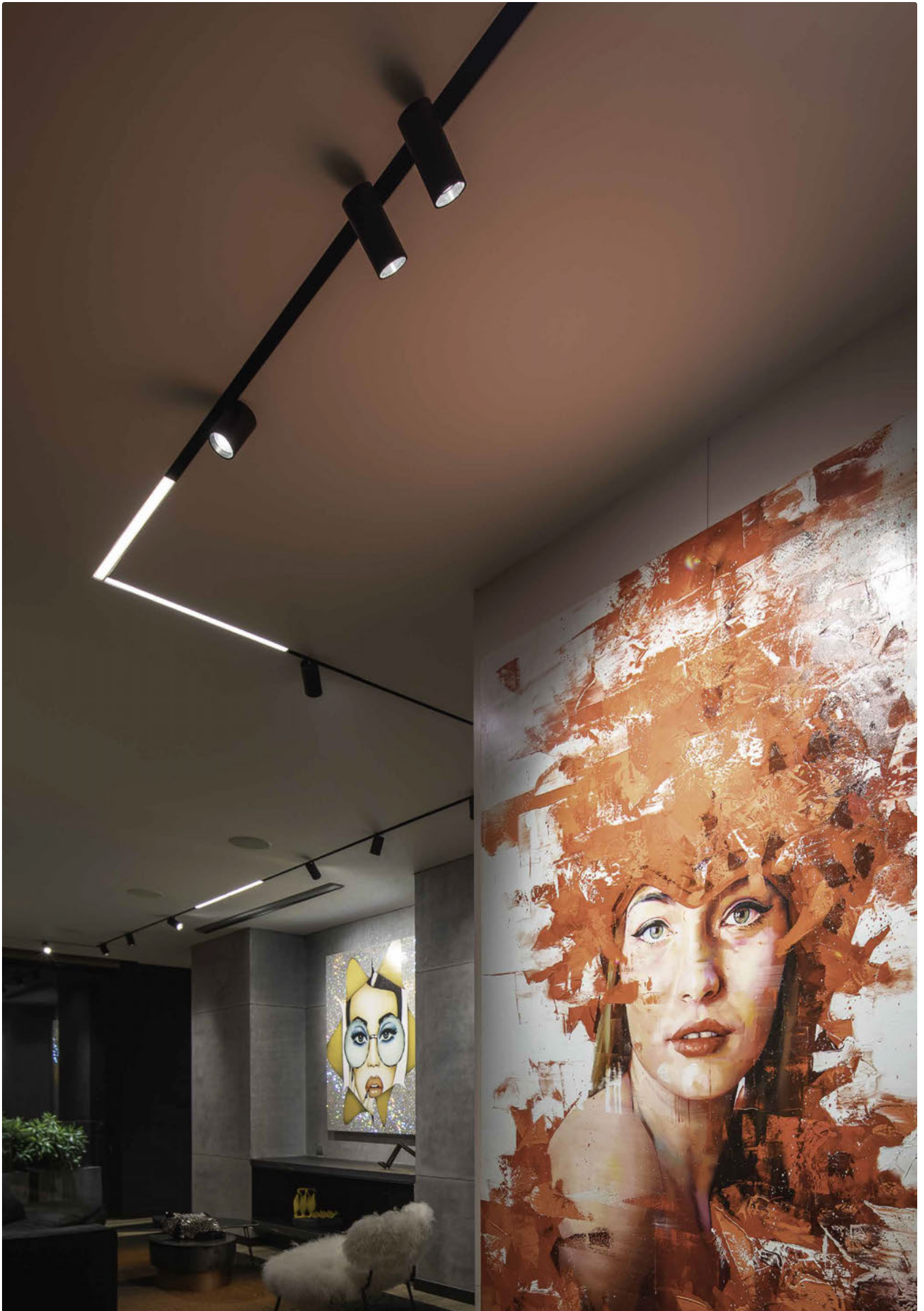


Is a complete and versatile system to design any space with light. Its thin profile can be ceiling-mounted, recessed or wall-mounted and can be equipped with different light units for diffused, spot and projected lighting effects.

									
Recessed	Ceiling-mounted	Suspension	Wall-mounted	Diffused	Spot	Accent	3000K	3500K	4000K
INSTALLATION				LIGHT			COLOUR TEMPERATURE		
									
Linear	Corner	Flexible	On-Off	Dali	Casambi	48Vdc			
CONFIGURATION			CONTROL			POWER SUPPLY			
			2700K (Logico 30) 3500K Power supply 110-277Vac (Label 7)						
White	Black	Easy Custom Colours	ON REQUEST						









DIFFUSED LIGHTING

LOGICO 30

A linear fixture for a soft and diffused lighting effect.



ACCENT LIGHTING

LABEL

Projector available in four different sizes. The optical unit can be adjusted from 0° to 90° on the vertical plane and by 360° on the horizontal plane with a friction beam locking system.

LOGICO 30
573mm | 1132mm

LABEL 2
Ø 23mm

LABEL 4
Ø 40mm

LABEL 6
Ø 59mm

LABEL 7
Ø 74mm



FORTYEIGHT provides a complete range of elements to create luminous geometries for wall-mounted, ceiling-mounted and even completely recessed installations. Different types of light units can be inserted into the profile to obtain a large variety of different lighting effects.



SPOT LIGHTING

LABEL SUSPENSION

Direct lighting complete with a suspension cable makes it possible to bring the light source closer to the surface to be lit.

LABEL FIX

It attaches directly to the track without the need of an arm for precise zenithal lighting and a minimal effect.

LABEL 4
fix
Ø 43mm

LABEL 4
suspension
Ø 43mm

LABEL 6
fix
Ø 59mm

LABEL 6
suspension
Ø 59mm

LABEL 7
fix
Ø 72mm

LABEL 7
suspension
Ø 72mm



THREE DIFFERENT TRACKS FOR DIFFERENT TYPES OF INSTALLATION.

H shaped section

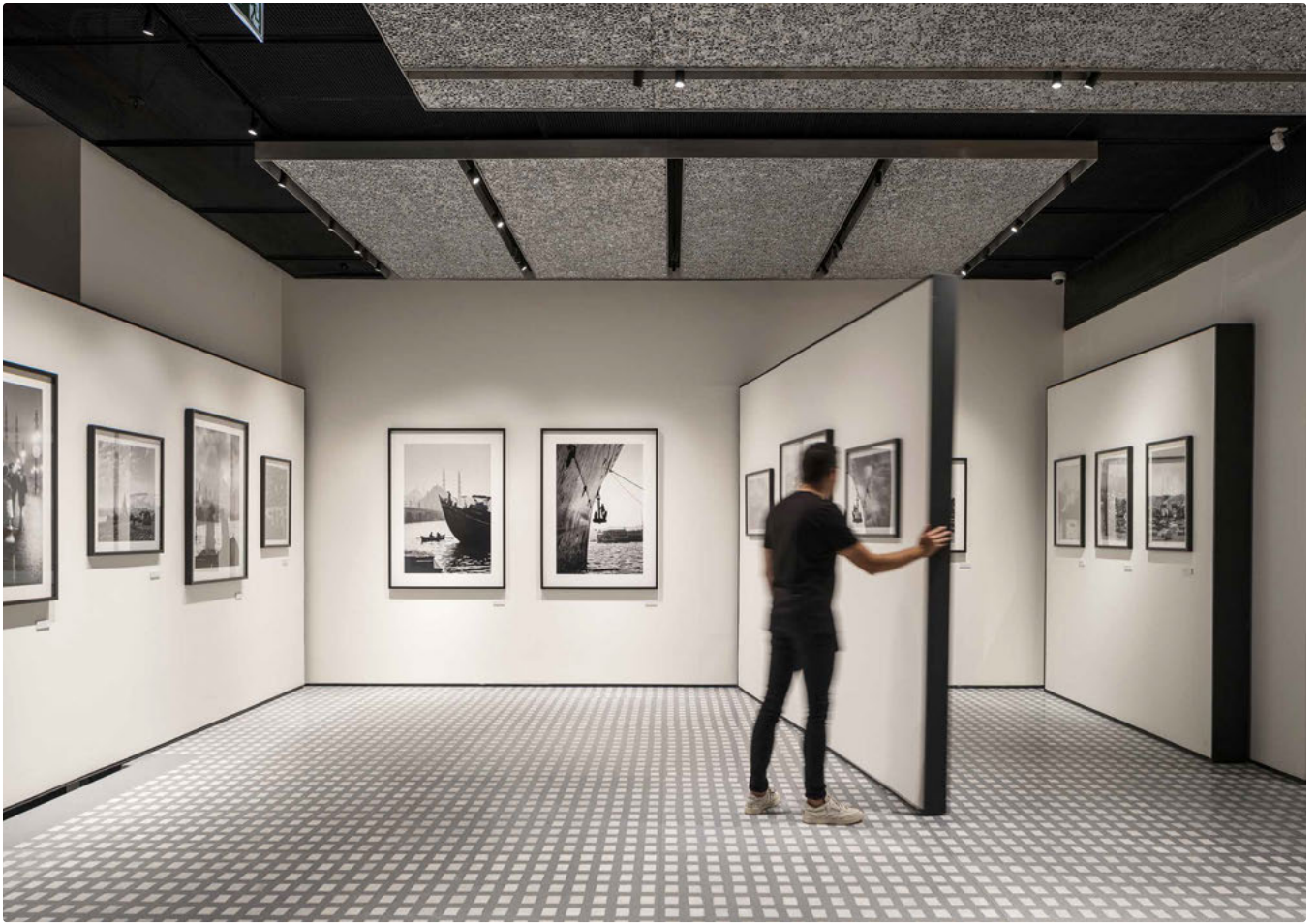
For ceiling-mounted or suspension installation. It can be fitted with any available light unit.

Recessed Trimless

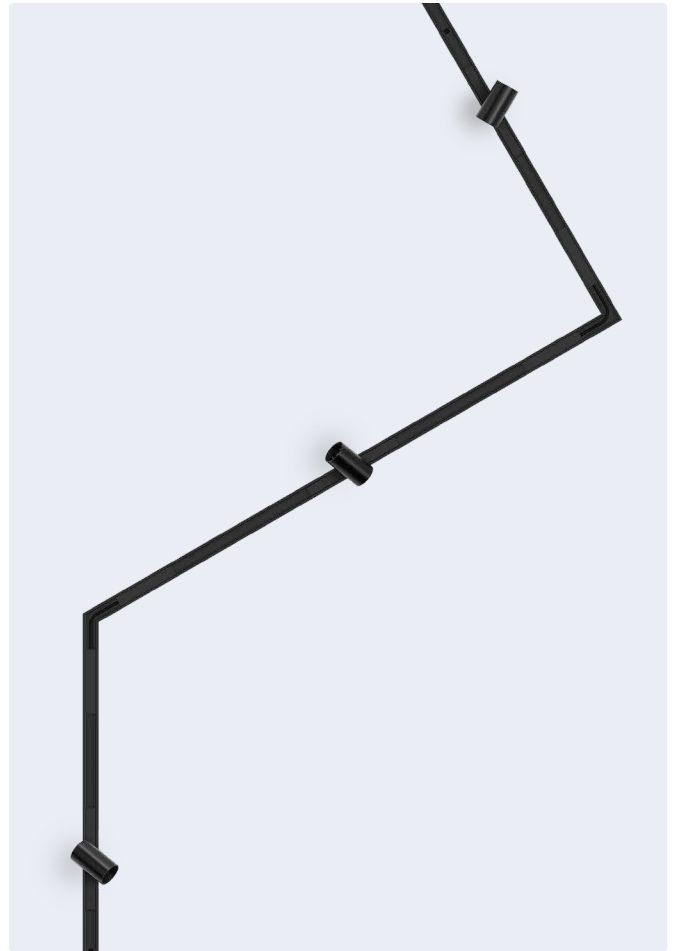
For recessed trimless installation in false ceilings with a flush track and protruding light units. It can be fitted with any available light unit.

Recessed Deep Trimless

For recessed deep installation with a completely recessed track in the false ceiling. This version can be fitted with linear elements that remain flush with the ceiling, with projectors with long arms and suspended light units.



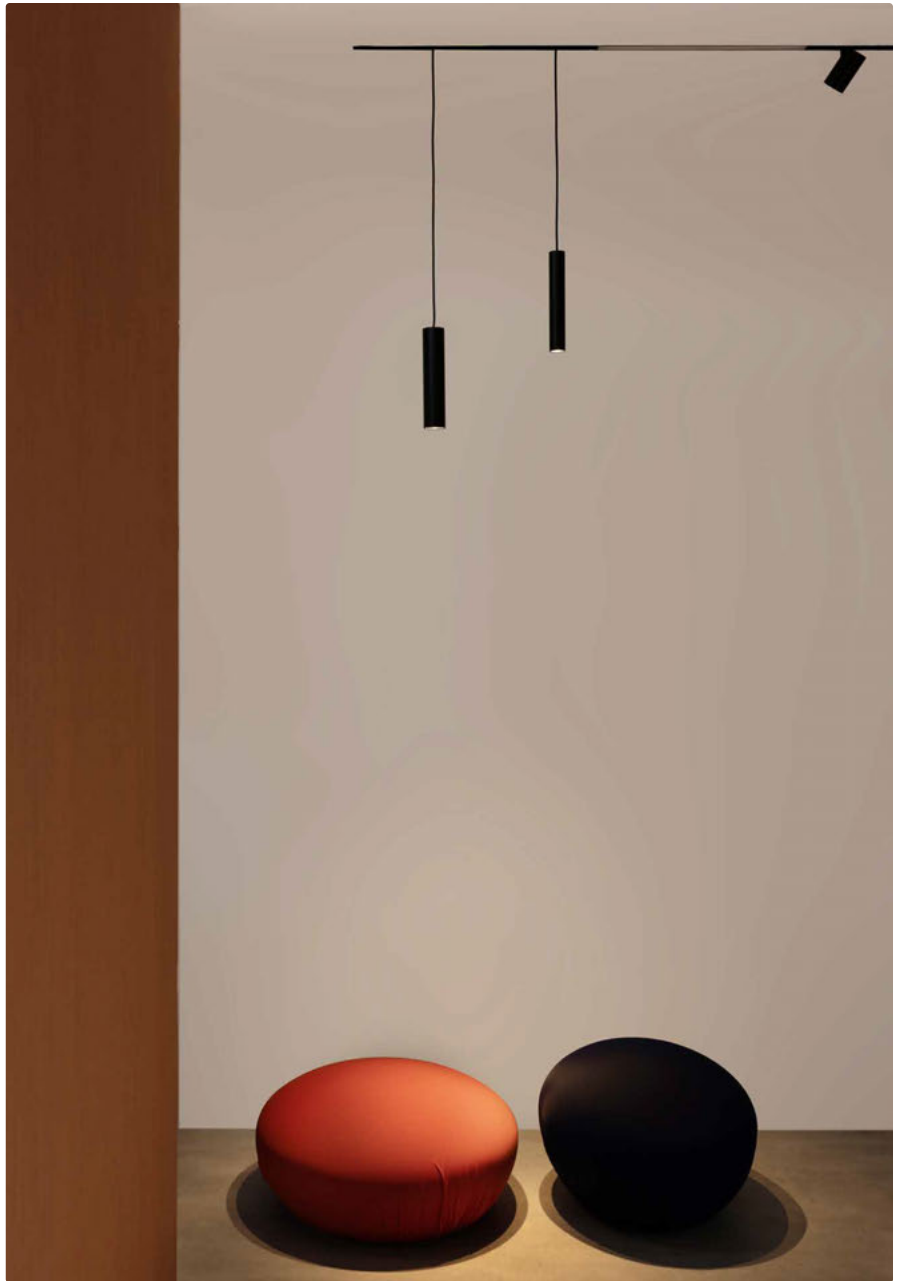




The tracks connect together using mechanical and electrical joints. In the event of ceiling-wall-mounted installations, the tracks must be cut at 90° in the installation phase and connected together using the flexible electrical joint only.



The 48Vdc 16A track made of extruded aluminium is powered by a remote driver accessory available with three different power supplies and is completed with a power supply head to be placed directly on the track.
The maximum length of every installation connected to the same driver is 10 metres.



Control

The system can be controlled in various ways. DALI and the Casambi application make it possible to control the light fixtures on the system individually or in groups, to create and recall even dynamic lighting scenes.



ON – OFF

Turning the entire system connected to the same driver on and off.



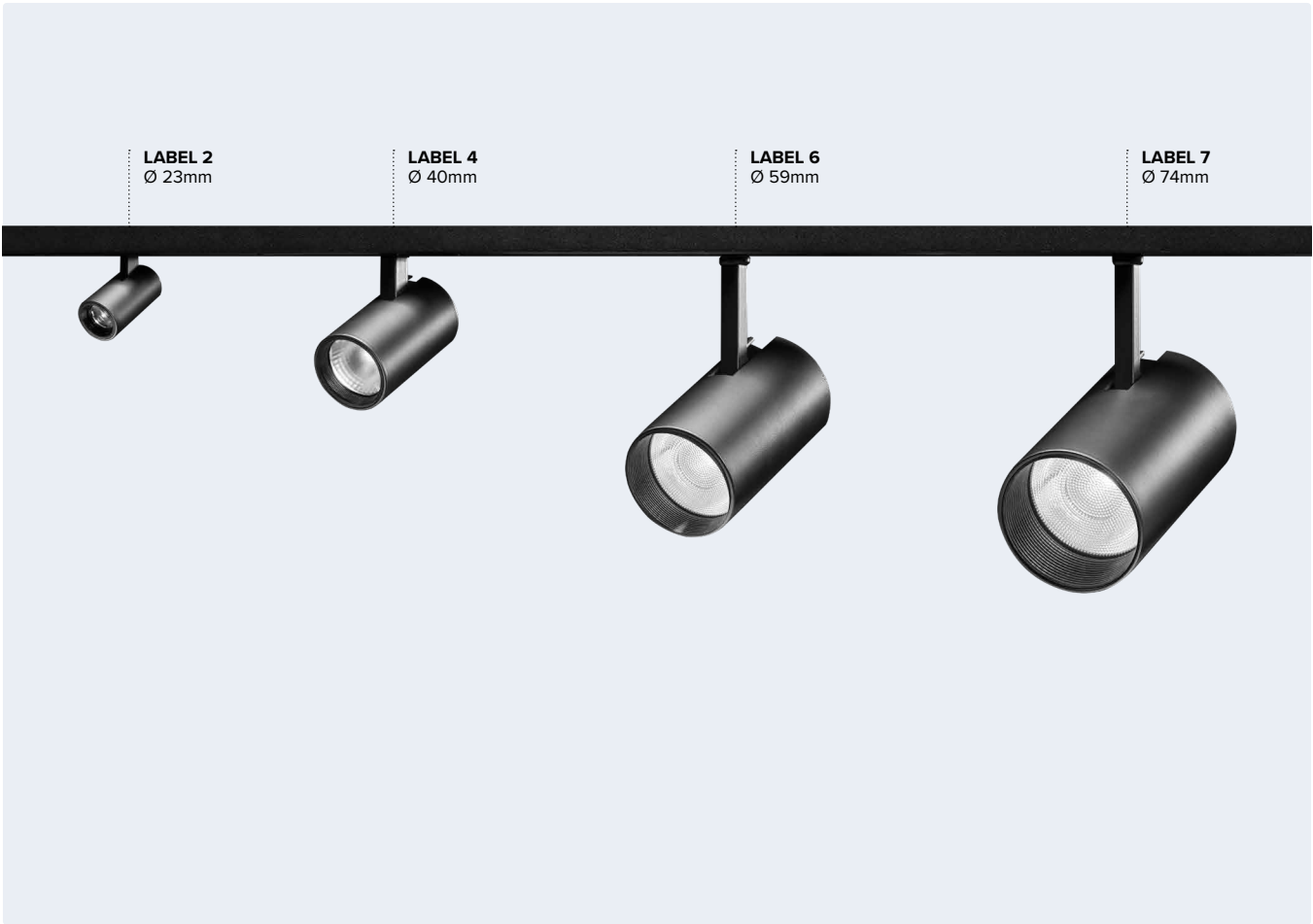
DALI

Individual control of each light unit with the possibility for dimming.



CASAMBI

Individual control of each light unit directly using the Casambi app.

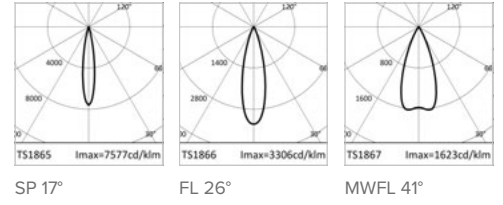


Illuminate your system with the light units available.



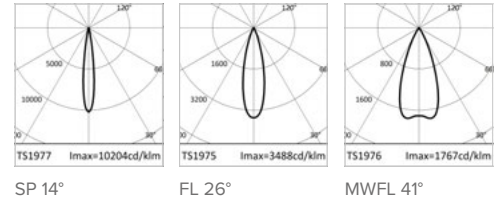
LABEL 7
Up to 112lm/W
From 965lm to 2397lm
2700K - 3000K - 4000K
Ra90

LENS



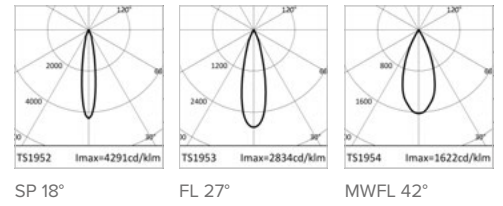
LABEL 6
Up to 115lm/W
From 865lm to 1597lm
2700K - 3000K - 4000K
Ra90

LENS



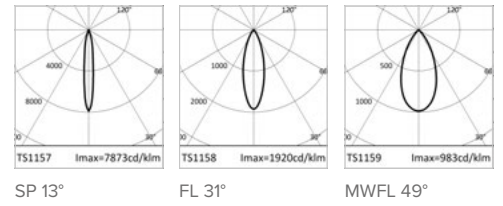
LABEL 4
Up to 110lm/W
From 563lm to 881lm
2700K - 3000K - 4000K
Ra90

LENS



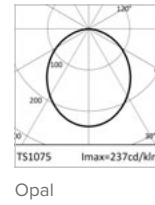
LABEL 2
Up to 43lm/W
From 131lm to 152lm
2700K - 3000K - 4000K
Ra90

LENS



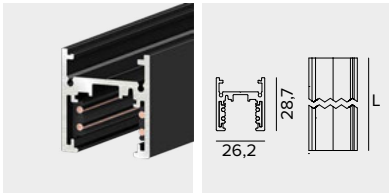
LOGICO 30
Up to 77lm/W
From 934lm to 1868lm
3000K - 4000K
Ra90

OPAL SCREEN



* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

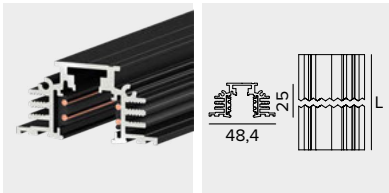
FORTYEIGHT Track H-shaped section | ceiling/suspension
0-60Vdc



L mm	Kg	Colour	Code
1000	0.69	○	9500-1/W2-ST6-E
		●	9500-1/B-ST6-E
2000	1.38	○	9500-2/W2-ST6-E
		●	9500-2/B-ST6-E
3000	2.07	○	9500-3/W2-ST6-E
		●	9500-3/B-ST6-E

Note Related codes and accessory codes on page 213.

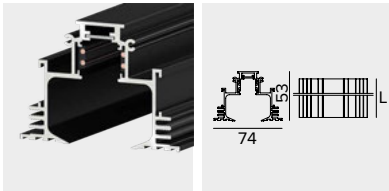
FORTYEIGHT Track trimless | recessed
0-60Vdc



L mm	Kg	Colour	Code
1000	1.1	○	9500-1/W2-ST3-E
		●	9500-1/B-ST3-E
2000	2.2	○	9500-2/W2-ST3-E
		●	9500-2/B-ST3-E
3000	3.3	○	9500-3/W2-ST3-E
		●	9500-3/B-ST3-E

Note Related codes and accessory codes on page 213.

FORTYEIGHT Track trimless deep | recessed
0-60Vdc



L mm	Kg	Colour	Code
1000	1.6	○	9500-1/W2-TA1
		●	9500-1/B-TA1
2000	3.2	○	9500-2/W2-TA1
		●	9500-2/B-TA1
3000	4.85	○	9500-3/W2-TA1
		●	9500-3/B-TA1













Note Related codes and accessory codes on page 213.

Related codes and accessories





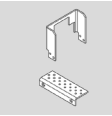




FORTYEIGHT Track

Related codes

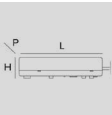
End Caps




	Colour	Code		Colour	Code
		9504/ST3-W2			1T7171
		9504/ST3-B			1T6801
End cap for Trimless track. 1x			End cap for Trimless Deep track. 2x		
	Colour	Code		Colour	Code
		9504/ST6-W2			9504/ST6-W2-F
		9504/ST6-B			9504/ST6-B-F
End cap for H section track. 1x			End cap for H section track with a cable feed through hole. 1x		

Mounting System

	Colour	Code		Colour	Code
		1T9581			1T9582
Suspension installation kit with ABS adjustment on the fixture for H section track.			Suspension kit with ceiling adjustment for H section track.		
		Code			Code
		1T9583			1T9584
Kit composed of 4 lateral brackets and 2 stiffening brackets for the Trimless Deep track version.			Kit composed of 4 lateral brackets for the Trimless track version.		
	Colour	Code			
		S-9500/114-W2			
		S-9500/114-B			
Clip for fixing to the ceiling. For H section track.					

Power Supply

	Dimensions LxHxP mm	Power	IP	Code
	225x36x60	60W	IP20	1T6917EL
	240x49x60	130W	IP20	1T6916EL
	251x37x90	210W	IP67	1T7403EL
48Vdc electronic driver.				
1T6917EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm ² .				
1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm ² .				
1T7403EL - Universal power supply (110-277V) for Electronic, DALI and Casambi systems. Maximum distance 5m - cable 1.5mm ² .				

	Colour	Code
		9501-S/W-E
		9501-S/B-E
Not polarized power head.		

Related codes and accessories


FORTYEIGHT Track

Accessory codes







Mechanical connector




	Colour	Code		Colour	Code
		S-9500/323-SV			S-9500/314-W2
					S-9500/314-B
Aluminum bracket for continuous row joints for H section track.			Supporting bracket for direct connection for trimless and trimless deep applications.		

Tool




	Code
	S-9000/T
Tool for shearing conductors, to be used if necessary to cut the track during installation.	

Electrical Connector


	Colour	Code		Colour	Code
		9511/W-E			9503-S/W-E
		9511/B-E			9503-S/B-E
Not polarized L joint for trimless and trimless deep versions and a H section. For recessed installation the tracks must first be cut to 45°.			Not polarized through joint.		

	Colour	Code
		9518-S/W-E
		9518-S/B-E
Non polarised flexible connector.		

Mechanical connector

	Colour	Code
		S-9511/W2-ST6
		S-9511/B-ST6
Cover for L connector for H section track.		

Control systems

	Code
	2T0131
IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page [672].	

FORTYEIGHT Label 7 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 2236lm to 2397lm

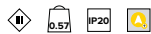


Optic	Version	Colour	2700K	3000K	4000K
SP 17° 23W	ON-OFF	○	1T8067EL	1T8068EL	1T8069EL
		●	1T8070EL	1T8071EL	1T8072EL
	DALI	○	1T8067DA	1T8068DA	1T8069DA
		●	1T8070DA	1T8071DA	1T8072DA
FL 26° 23W	ON-OFF	○	1T8073EL	1T8074EL	1T8075EL
		●	1T8076EL	1T8077EL	1T8078EL
	DALI	○	1T8073DA	1T8074DA	1T8075DA
		●	1T8076DA	1T8077DA	1T8078DA
MWFL 41° 23W	ON-OFF	○	1T8079EL	1T8080EL	1T8081EL
		●	1T8082EL	1T8083EL	1T8084EL
	DALI	○	1T8079DA	1T8080DA	1T8081DA
		●	1T8082DA	1T8083DA	1T8084DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 7 | Long arm

48Vdc | Ra90 | Fixture flux 3000K from 2236lm to 2397lm

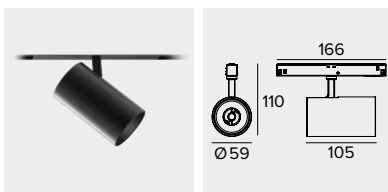


Optic	Version	Colour	2700K	3000K	4000K
SP 17° 23W	ON-OFF	○	1T8118EL	1T8119EL	1T8120EL
		●	1T8121EL	1T8122EL	1T8123EL
	DALI	○	1T8118DA	1T8119DA	1T8120DA
		●	1T8121DA	1T8122DA	1T8123DA
FL 26° 23W	ON-OFF	○	1T8124EL	1T8125EL	1T8126EL
		●	1T8127EL	1T8128EL	1T8129EL
	DALI	○	1T8124DA	1T8125DA	1T8126DA
		●	1T8127DA	1T8128DA	1T8129DA
MWFL 41° 23W	ON-OFF	○	1T8130EL	1T8131EL	1T8132EL
		●	1T8133EL	1T8134EL	1T8135EL
	DALI	○	1T8130DA	1T8131DA	1T8132DA
		●	1T8133DA	1T8134DA	1T8135DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 6 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 1314lm to 1597lm

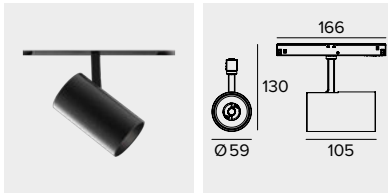


Optic	Version	Colour	2700K	3000K	4000K
SP 14° 16W	ON-OFF	○	1T9046EL	1T9047EL	1T9048EL
		●	1T9049EL	1T9050EL	1T9051EL
	DALI	○	1T9046DA	1T9047DA	1T9048DA
		●	1T9049DA	1T9050DA	1T9051DA
FL 26° 15W	ON-OFF	○	1T9052EL	1T9053EL	1T9054EL
		●	1T9055EL	1T9056EL	1T9057EL
	DALI	○	1T9052DA	1T9053DA	1T9054DA
		●	1T9055DA	1T9056DA	1T9057DA
MWFL 41° 15W	ON-OFF	○	1T9058EL	1T9059EL	1T9060EL
		●	1T9061EL	1T9062EL	1T9063EL
	DALI	○	1T9058DA	1T9059DA	1T9060DA
		●	1T9061DA	1T9062DA	1T9063DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 6 | Long arm

48Vdc | Ra90 | Fixture flux 3000K from 1314lm to 1597lm

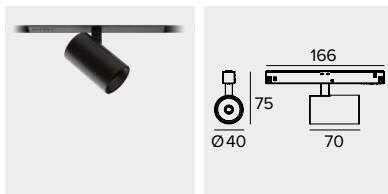


Optic	Version	Colour	2700K	3000K	4000K
SP 14° 16W	ON-OFF	○	1T9064EL	1T9065EL	1T9066EL
		●	1T9067EL	1T9068EL	1T9069EL
	DALI	○	1T9064DA	1T9065DA	1T9066DA
		●	1T9067DA	1T9068DA	1T9069DA
FL 26° 15W	ON-OFF	○	1T9070EL	1T9071EL	1T9072EL
		●	1T9073EL	1T9074EL	1T9075EL
	DALI	○	1T9070DA	1T9071DA	1T9072DA
		●	1T9073DA	1T9074DA	1T9075DA
MWFL 41° 15W	ON-OFF	○	1T9076EL	1T9077EL	1T9078EL
		●	1T9079EL	1T9080EL	1T9081EL
	DALI	○	1T9076DA	1T9077DA	1T9078DA
		●	1T9079DA	1T9080DA	1T9081DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 4 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 674lm to 881lm

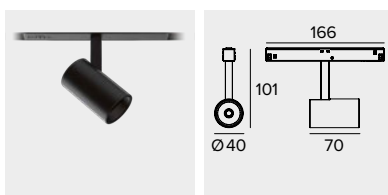


Optic	Version	Colour	2700K	3000K	4000K
SP 18° 10W	ON-OFF	○	1T6657EL	1T6658EL	1T6659EL
		●	1T6660EL	1T6661EL	1T6662EL
	DALI	○	1T6657DA	1T6658DA	1T6659DA
		●	1T6660DA	1T6661DA	1T6662DA
FL 27° 9W	ON-OFF	○	1T6663EL	1T6664EL	1T6665EL
		●	1T6666EL	1T6667EL	1T6668EL
	DALI	○	1T6663DA	1T6664DA	1T6665DA
		●	1T6666DA	1T6667DA	1T6668DA
MWFL 42° 9W	ON-OFF	○	1T6669EL	1T6670EL	1T6671EL
		●	1T6672EL	1T6673EL	1T6674EL
	DALI	○	1T6669DA	1T6670DA	1T6671DA
		●	1T6672DA	1T6673DA	1T6674DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 4 | Long arm

48Vdc | Ra90 | Fixture flux 3000K from 674lm to 881lm

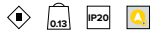


Optic	Version	Colour	2700K	3000K	4000K
SP 18° 10W	ON-OFF	○	1T6711EL	1T6712EL	1T6713EL
		●	1T6714EL	1T6715EL	1T6716EL
	DALI	○	1T6711DA	1T6712DA	1T6713DA
		●	1T6714DA	1T6715DA	1T6716DA
FL 27° 9W	ON-OFF	○	1T6717EL	1T6718EL	1T6719EL
		●	1T6720EL	1T6721EL	1T6722EL
	DALI	○	1T6717DA	1T6718DA	1T6719DA
		●	1T6720DA	1T6721DA	1T6722DA
MWFL 42° 9W	ON-OFF	○	1T6723EL	1T6724EL	1T6725EL
		●	1T6726EL	1T6727EL	1T6728EL
	DALI	○	1T6723DA	1T6724DA	1T6725DA
		●	1T6726DA	1T6727DA	1T6728DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 2 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 131lm to 152lm

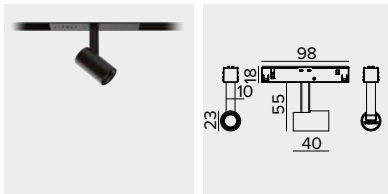
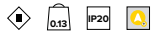


Optic	Version	Colour	2700K	3000K	4000K
SP 13° 4W	ON-OFF	○	1T6639EL	1T6640EL	1T6641EL
		●	1T6642EL	1T6643EL	1T6644EL
	DALI	○	1T6639DA	1T6640DA	1T6641DA
		●	1T6642DA	1T6643DA	1T6644DA
FL 31° 4W	ON-OFF	○	1T6645EL	1T6646EL	1T6647EL
		●	1T6648EL	1T6649EL	1T6650EL
	DALI	○	1T6645DA	1T6646DA	1T6647DA
		●	1T6648DA	1T6649DA	1T6650DA
MWFL 49° 4W	ON-OFF	○	1T6651EL	1T6652EL	1T6653EL
		●	1T6654EL	1T6655EL	1T6656EL
	DALI	○	1T6651DA	1T6652DA	1T6653DA
		●	1T6654DA	1T6655DA	1T6656DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 2 | Long arm

48Vdc | Ra90 | Fixture flux 3000K from 131lm to 152lm

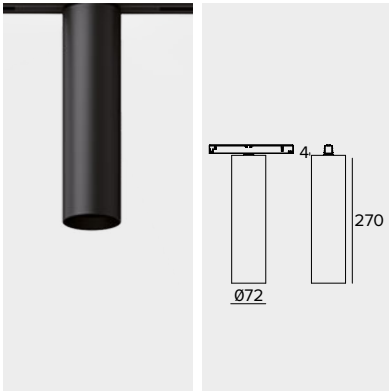


Optic	Version	Colour	2700K	3000K	4000K
SP 13° 4W	ON-OFF	○	1T6693EL	1T6694EL	1T6695EL
		●	1T6696EL	1T6697EL	1T6698EL
	DALI	○	1T6693DA	1T6694DA	1T6695DA
		●	1T6696DA	1T6697DA	1T6698DA
FL 31° 4W	ON-OFF	○	1T6699EL	1T6700EL	1T6701EL
		●	1T6702EL	1T6703EL	1T6704EL
	DALI	○	1T6699DA	1T6700DA	1T6701DA
		●	1T6702DA	1T6703DA	1T6704DA
MWFL 49° 4W	ON-OFF	○	1T6705EL	1T6706EL	1T6707EL
		●	1T6708EL	1T6709EL	1T6710EL
	DALI	○	1T6705DA	1T6706DA	1T6707DA
		●	1T6708DA	1T6709DA	1T6710DA

Note Related codes and accessory codes on page 221.

FORTYEIGHT Label 7 | Fix

48Vdc | Ra90 | Fixture flux 3000K from 965lm to 1156lm

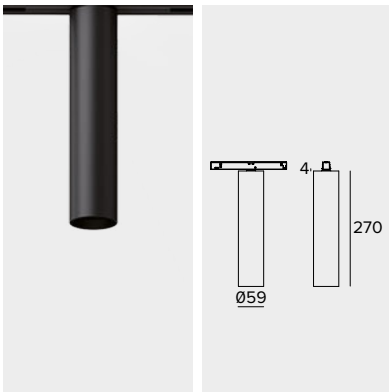


Optic	Version	Colour	2700K	3000K	4000K
SP 16° 11W	ON-OFF	○	1T9828EL	1T9829EL	1T9830EL
		●	1T9837EL	1T9838EL	1T9839EL
	DALI	○	1T9828DA	1T9829DA	1T9830DA
		●	1T9837DA	1T9838DA	1T9839DA
FL 27° 11W	ON-OFF	○	1T9831EL	1T9832EL	1T9833EL
		●	1T9840EL	1T9841EL	1T9842EL
	DALI	○	1T9831DA	1T9832DA	1T9833DA
		●	1T9840DA	1T9841DA	1T9842DA
MWFL 46° 11W	ON-OFF	○	1T9834EL	1T9835EL	1T9836EL
		●	1T9843EL	1T9844EL	1T9845EL
	DALI	○	1T9834DA	1T9835DA	1T9836DA
		●	1T9843DA	1T9844DA	1T9845DA

Note Not compatible with Fortyeight Trimless Deep track.

FORTYEIGHT Label 6 | Fix

48Vdc | Ra90 | Fixture flux 3000K from 865lm to 879lm

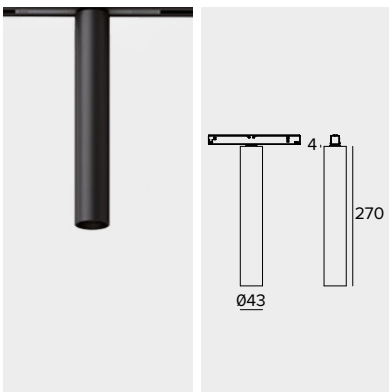
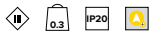


Optic	Version	Colour	2700K	3000K	4000K
SP 16° 9W	ON-OFF	○	1T9846EL	1T9847EL	1T9848EL
		●	1T9855EL	1T9856EL	1T9857EL
	DALI	○	1T9846DA	1T9847DA	1T9848DA
		●	1T9855DA	1T9856DA	1T9857DA
FL 35° 9W	ON-OFF	○	1T9849EL	1T9850EL	1T9851EL
		●	1T9858EL	1T9859EL	1T9860EL
	DALI	○	1T9849DA	1T9850DA	1T9851DA
		●	1T9858DA	1T9859DA	1T9860DA
MWFL 45° 9W	ON-OFF	○	1T9852EL	1T9853EL	1T9854EL
		●	1T9861EL	1T9862EL	1T9863EL
	DALI	○	1T9852DA	1T9853DA	1T9854DA
		●	1T9861DA	1T9862DA	1T9863DA

Note Not compatible with Fortyeight Trimless Deep track.

FORTYEIGHT Label 4 | Fix

48Vdc | Ra90 | Fixture flux 3000K from 563lm to 725lm

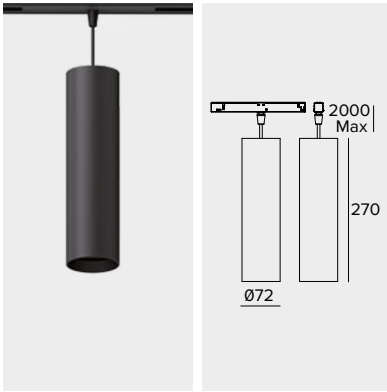


Optic	Version	Colour	2700K	3000K	4000K
SP 18° 8W	ON-OFF	○	1T9864EL	1T9865EL	1T9866EL
		●	1T9873EL	1T9874EL	1T9875EL
	DALI	○	1T9864DA	1T9865DA	1T9866DA
		●	1T9873DA	1T9874DA	1T9875DA
FL 27° 7W	ON-OFF	○	1T9867EL	1T9868EL	1T9869EL
		●	1T9876EL	1T9877EL	1T9878EL
	DALI	○	1T9867DA	1T9868DA	1T9869DA
		●	1T9876DA	1T9877DA	1T9878DA
MWFL 42° 7W	ON-OFF	○	1T9870EL	1T9871EL	1T9872EL
		●	1T9879EL	1T9880EL	1T9881EL
	DALI	○	1T9870DA	1T9871DA	1T9872DA
		●	1T9879DA	1T9880DA	1T9881DA

Note Not compatible with Fortyeight Trimless Deep track.

FORTYEIGHT Label 7 | Suspension

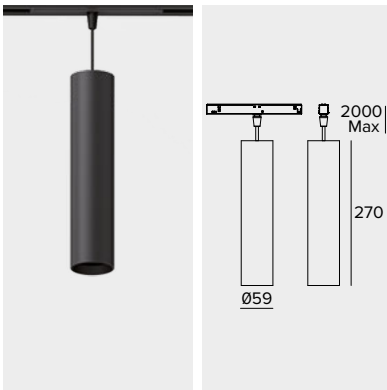
48Vdc | Ra90 | Fixture flux 3000K from 965lm to 1156lm



Optic	Version	Colour	2700K	3000K	4000K
SP 16° 11W	ON-OFF	○	1T9882EL	1T9883EL	1T9884EL
		●	1T9891EL	1T9892EL	1T9893EL
	DALI	○	1T9882DA	1T9883DA	1T9884DA
		●	1T9891DA	1T9892DA	1T9893DA
FL 27° 11W	ON-OFF	○	1T9885EL	1T9886EL	1T9887EL
		●	1T9894EL	1T9895EL	1T9896EL
	DALI	○	1T9885DA	1T9886DA	1T9887DA
		●	1T9894DA	1T9895DA	1T9896DA
MWFL 46° 11W	ON-OFF	○	1T9888EL	1T9889EL	1T9890EL
		●	1T9897EL	1T9898EL	1T9899EL
	DALI	○	1T9888DA	1T9889DA	1T9890DA
		●	1T9897DA	1T9898DA	1T9899DA

FORTYEIGHT Label 6 | Suspension

48Vdc | Ra90 | Fixture flux 3000K from 865lm to 879lm



Optic	Version	Colour	2700K	3000K	4000K
SP 16° 9W	ON-OFF	○	1T9900EL	1T9901EL	1T9902EL
		●	1T9909EL	1T9910EL	1T9911EL
	DALI	○	1T9900DA	1T9901DA	1T9902DA
		●	1T9909DA	1T9910DA	1T9911DA
FL 35° 9W	ON-OFF	○	1T9903EL	1T9904EL	1T9905EL
		●	1T9912EL	1T9913EL	1T9914EL
	DALI	○	1T9903DA	1T9904DA	1T9905DA
		●	1T9912DA	1T9913DA	1T9914DA
MWFL 45° 9W	ON-OFF	○	1T9906EL	1T9907EL	1T9908EL
		●	1T9915EL	1T9916EL	1T9917EL
	DALI	○	1T9906DA	1T9907DA	1T9908DA
		●	1T9915DA	1T9916DA	1T9917DA

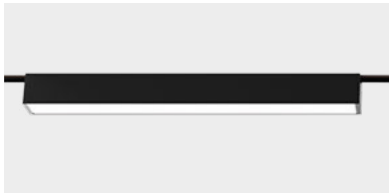
FORTYEIGHT Label 4 | Suspension

48Vdc | Ra90 | Fixture flux 3000K from 563lm to 725lm



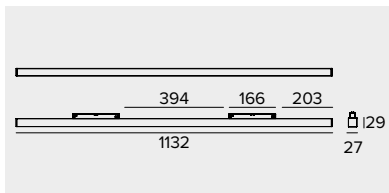
Optic	Version	Colour	2700K	3000K	4000K
SP 18° 8W	ON-OFF	○	1T9918EL	1T9919EL	1T9920EL
		●	1T9927EL	1T9928EL	1T9929EL
	DALI	○	1T9918DA	1T9919DA	1T9920DA
		●	1T9927DA	1T9928DA	1T9929DA
FL 27° 7W	ON-OFF	○	1T9921EL	1T9922EL	1T9923EL
		●	1T9930EL	1T9931EL	1T9932EL
	DALI	○	1T9921DA	1T9922DA	1T9923DA
		●	1T9930DA	1T9931DA	1T9932DA
MWFL 42° 7W	ON-OFF	○	1T9924EL	1T9925EL	1T9926EL
		●	1T9933EL	1T9934EL	1T9935EL
	DALI	○	1T9924DA	1T9925DA	1T9926DA
		●	1T9933DA	1T9934DA	1T9935DA

FORTYEIGHT Logico 30 | L. 573mm
 48Vdc | Ra90 | Fixture flux 3000K 934lm



Emission	Version	Colour	3000K	4000K
OPAL 13W	ON-OFF	○	1T6623EL	1T6624EL
		●	1T6625EL	1T6626EL
	DALI	○	1T6623DA	1T6624DA
		●	1T6625DA	1T6626DA

FORTYEIGHT Logico 30 | L. 1132mm
 48Vdc | Ra90 | Fixture flux 3000K 1868lm




Emission	Version	Colour	3000K	4000K
OPAL 26W	ON-OFF	○	1T6627EL	1T6628EL
		●	1T6629EL	1T6630EL
	DALI	○	1T6627DA	1T6628DA
		●	1T6629DA	1T6630DA

Related codes and accessories


FORTYEIGHT Label 7

Accessory codes

Grid

	Ø mm	Code
	63	1T8093
Anti-glare louver. Black painted metal honeycomb structure.		

Filter


	Ø mm	Code
	63	1T8094
Holographic PMMA filter with blade of light effect. Allows the beam to be made oval; combined with spot and flood optics the effect appears more pronounced.		

Related codes and accessories


FORTYEIGHT Label 6

Accessory codes

Filter

	Ø mm	Code
	50	1T4721
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.		

Grid


	Ø mm	Code
	50	1T4322
Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.		

Related codes and accessories


FORTYEIGHT Label 4

Accessory codes

Filter

	Ø mm	Code
	34	1T6931
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.		

Grid

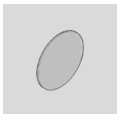
	Ø mm	Code
	34	1T6930
Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.		

Related codes and accessories

FORTYEIGHT Label 2

Accessory codes













Filter

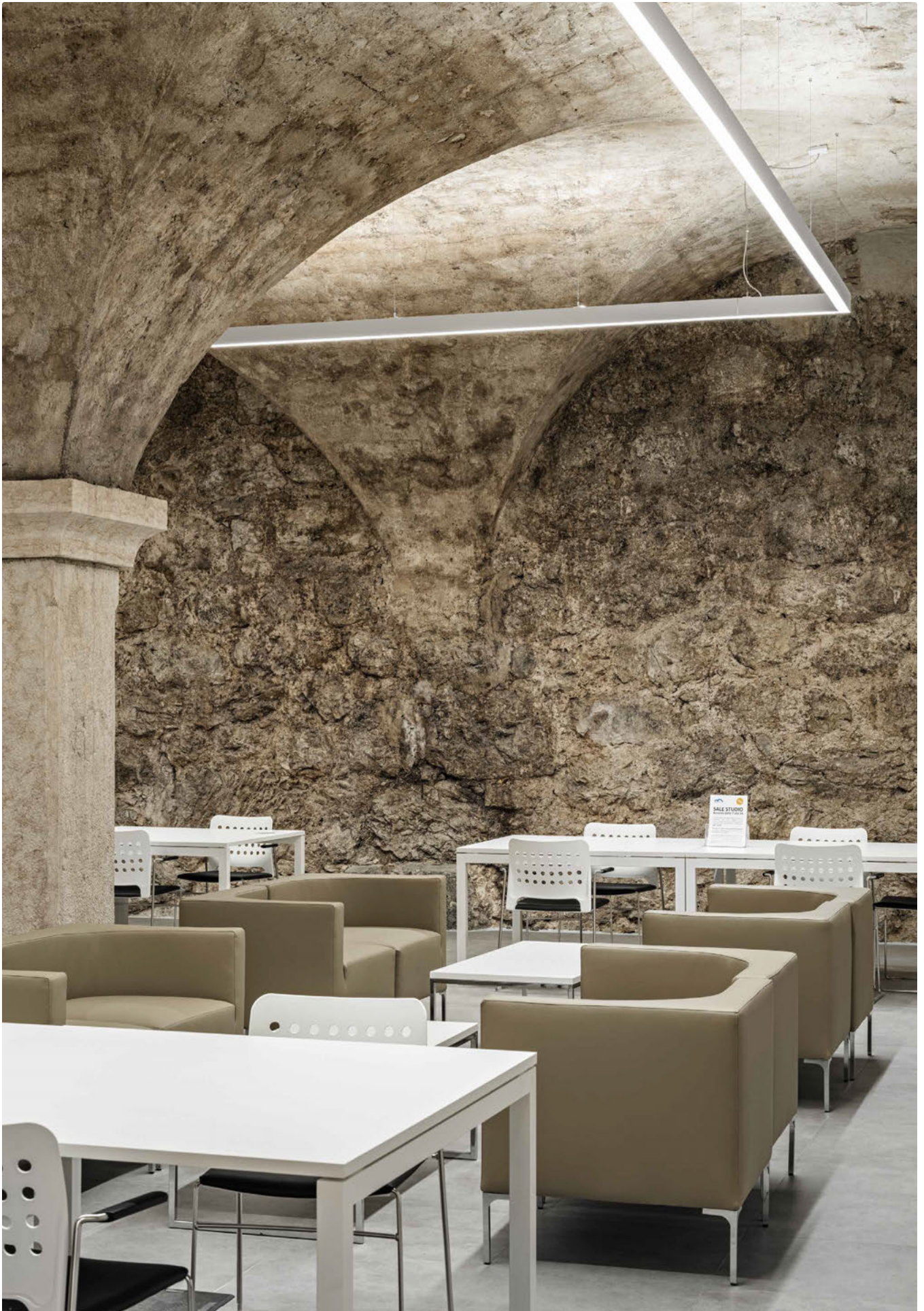
	Ø mm	Code
	17	1T6939
Holographic PMMA filter with blade of light effect. Allows the beam to be made oval, combined with spot and flood optics the effect appears more pronounced.		

LOGICO EASY



Logico Easy is designed for office spaces and environments where providing the right illumination for visual tasks is essential. With a range of available modules, it's possible to create linear lighting geometries that define pathways, highlight architectural features, and serve as decorative elements that enhance the character of the spaces.

			
Ceiling-mounted	Suspension	UGR For offices UGR	Soft controlled
INSTALLATION		LIGHT	
			
On-Off	Dali	Casambi (using the accessory)	220/240V
CONTROL		POWER SUPPLY	
			
White	Black	Easy Custom Colours	
FINISH		ON REQUEST	
	3500K Tunable White DALI 2 control parts 251-252-253 DALI 2 Push Dim		
IP40	ON REQUEST		
PROTECTION RATING	ON REQUEST		







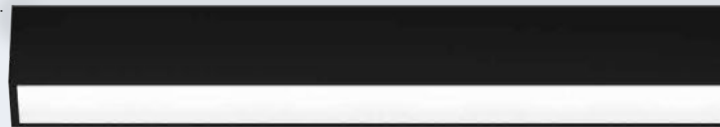
LINEAR MODULES

With direct or direct/indirect light emission they are available in various lengths for each section.

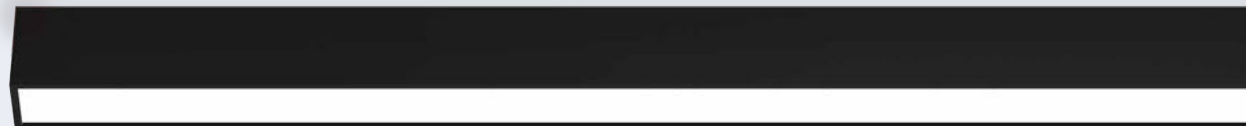
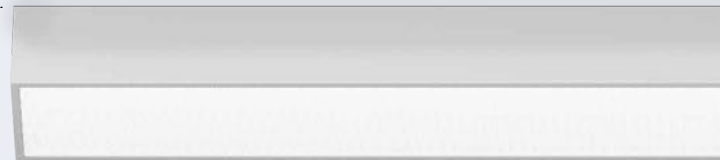
LOGICO EASY
37mm



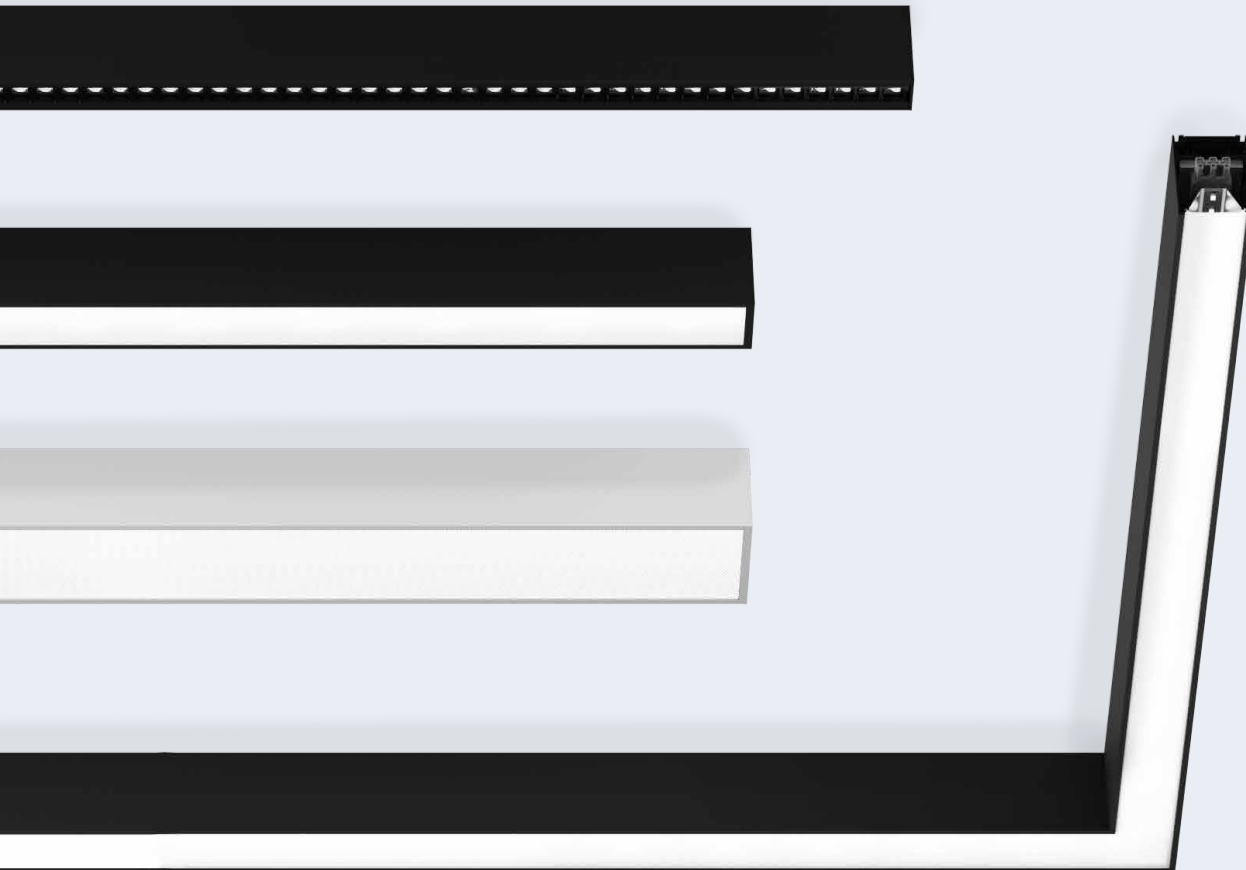
LOGICO EASY
57mm



LOGICO EASY
100mm



Logico Easy is a complete and versatile system available with three different sections - 37mm, 57mm and 100mm - differentiated lumen packages and emergency lighting solutions. The system is composed of linear light modules and angular light modules; each module has a light unit and a power supply. To be completed with special accessories for ceiling-mounted or suspension installations.



L shaped joints

The system can be configured in various ways using the L shaped joints available both for the blind version and a direct and direct/indirect emission light module for seamless luminous geometries.

Lenses with differentiated facets designed to focus the light on the work surface, minimising the risk of glare. They provide perfect luminance control while allowing for a large installation pitch.

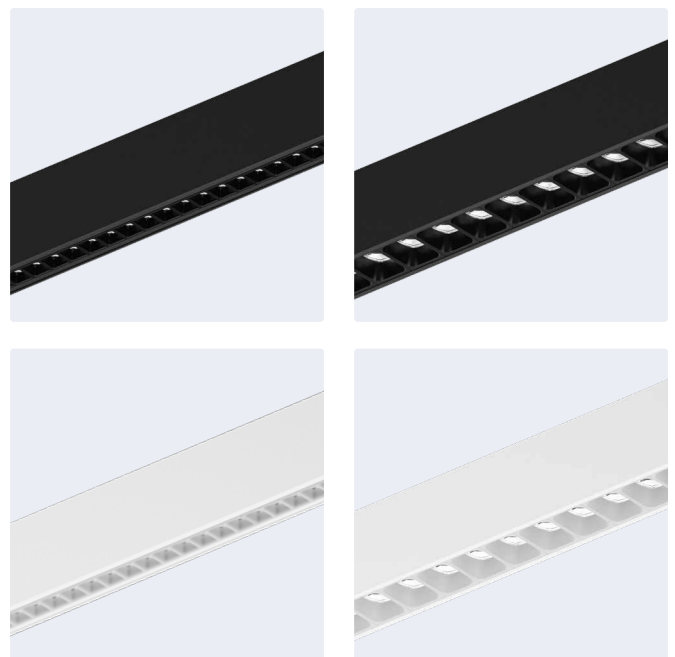


LOGICO EASY 37
 UGR <19
 black: L65<200cd/m²
 white: L65<1500cd/m²
 (EN-12464)



LOGICO EASY 57
 UGR <16
 L65<1500cd/m²
 (EN-12464)

Cellular optical system
 Modules with cellular optical systems are already complete with light units and optical systems.

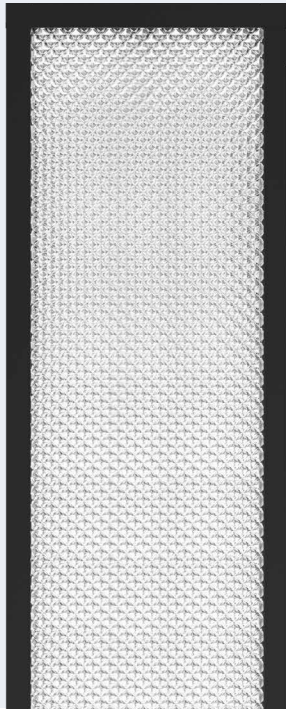


Optical systems

LOGICO Easy can be equipped with different optical systems making it possible to choose between controlled lighting suitable for lighting offices with video terminals and softer and more diffused lighting.

UGR Screen

The microprismatic PMMA UGR screen is designed for work areas and is ideal to guarantee visual comfort on worktops in compliance with EN-12464 regulation.



UGR<19
L65<3000cd/m²
(EN-12464)

OPAL Screen

Suitable for environments where soft and diffused lighting is required for excellent visual comfort where the light source is shielded from view. It is ideal for meeting rooms, waiting rooms, lounge areas and passageways.



Optical system with a diffuser screen
Light units must be completed with one of the two screens. The flat screens are provided in unrollable reels and do not require visible joints up to a maximum length of 15 metres.

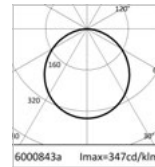


The suspension system is free standing, it can therefore be positioned at any point on the system, simplifying the installation.

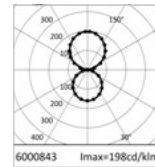


LOGICO EASY 37
 Up to 92lm/W
 From 1444lm to 9854lm
 3000K - 4000K
 Ra80 - Ra90

OPAL SCREEN



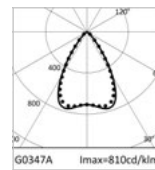
Down



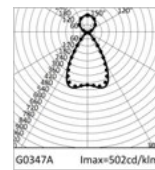
Up/Down

LOGICO EASY 37
 Up to 151lm/W
 From 1683lm to 10466lm
 3000K - 4000K
 Ra80 - Ra90

CELLULAR OPTICAL SYSTEM



Down

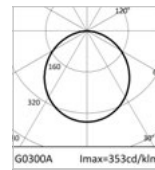


Up/Down

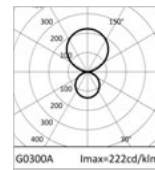


LOGICO EASY 57
 Up to 112lm/W
 From 1229lm to 12091lm
 3000K - 4000K
 Ra80 - Ra90

OPAL SCREEN



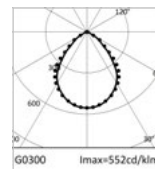
Down



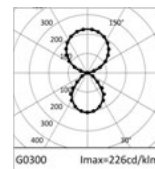
Up/Down

LOGICO EASY 57
 Up to 112lm/W
 From 1229lm to 10732lm
 3000K - 4000K
 Ra80 - Ra90

UGR SCREEN



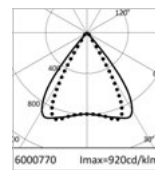
Down



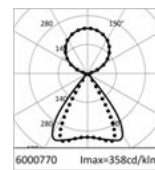
Up/Down

LOGICO EASY 57
 Up to 135lm/W
 From 1281lm to 11071lm
 3000K - 4000K
 Ra80 - Ra90

CELLULAR OPTICAL SYSTEM



Down

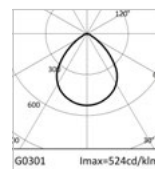


Up/Down

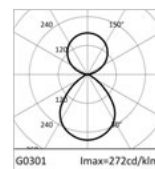


LOGICO EASY 100
 Up to 115lm/W
 From 2318lm to 14690lm
 3000K - 4000K
 Ra80 - Ra90

UGR SCREEN



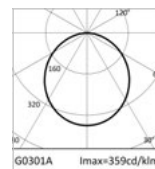
Down



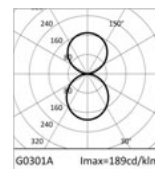
Up/Down

LOGICO EASY 100
 Up to 115lm/W
 From 2318lm to 15879lm
 3000K - 4000K
 Ra80 - Ra90

OPAL SCREEN



Down



Up/Down

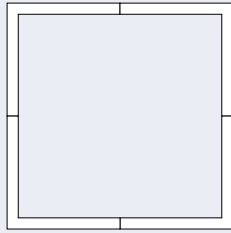
OPTICAL SYSTEMS

All light modules can be supplied in a double version with direct emission or direct/indirect emission.

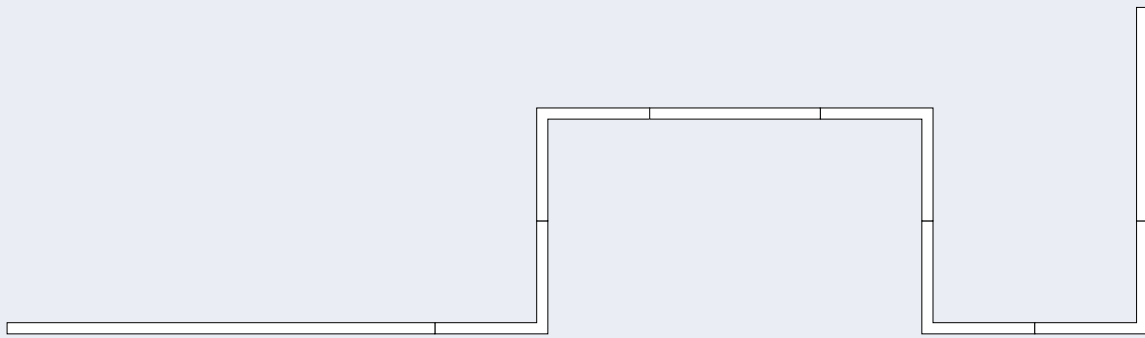
In all versions with direct/indirect light, the indirect emission is equipped with a translucent polycarbonate upper diffuser screen.

Model	Cellular UGR 16	Cellular UGR 19	UGR 19 Screen	OPAL Screen
LOGICO EASY 37		●		●
LOGICO EASY 57	●		●	●
LOGICO EASY 100			●	●

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Closed system



Open system

Linear modules

1200mm



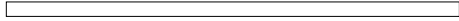
1500mm



2400mm

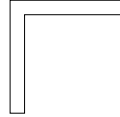


3000mm



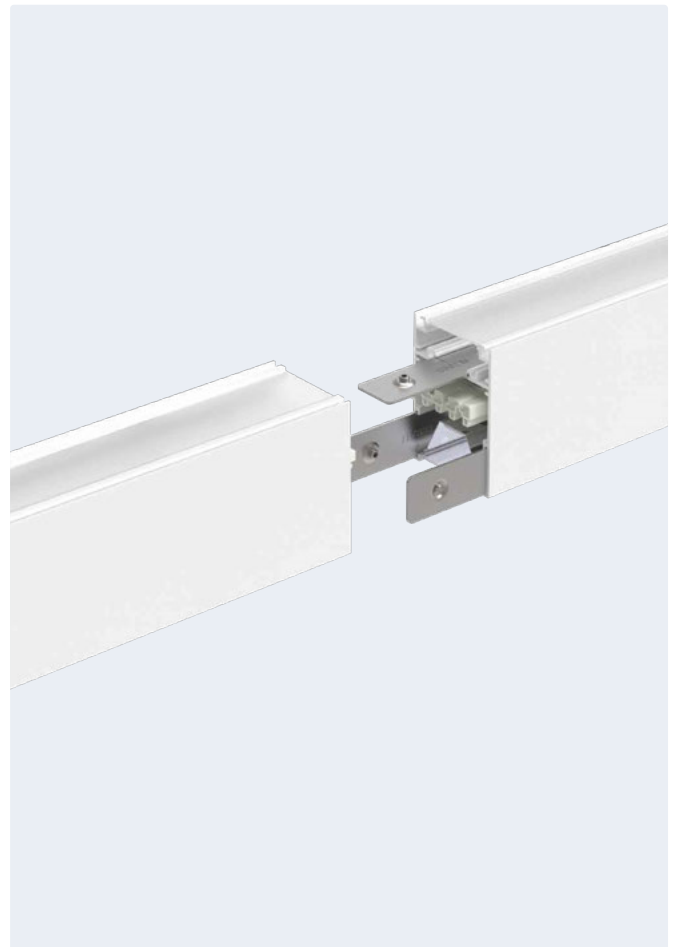
L shaped modules

80 × 80mm



Configurations

Linear modules available in four different lengths for all three sections can all be combined together without the need for joints. The Easy Connection system they are equipped with ensures quick and easy installation, minimising the use of cables



Mechanical connection

Each module is already equipped with mechanical joints fixed inside the body of the fixture using safety screws for a significant reduction in installation times.

Electrical connection

The Easy Connection system equipped in the light modules ensures quick and easy installation. Electrical connection is assured with special male/ female connectors. Each module comes pre-installed with mechanical joints, ensuring a significant reduction in installation time. For the power supply of a system configuration it is possible to use only one terminal block placed at the beginning or at the end of the line.

The ON-OFF control system allows for a single switch system with direct/indirect emission. The DALI 2 system on the other hand has separate switches to create different lighting scenes.



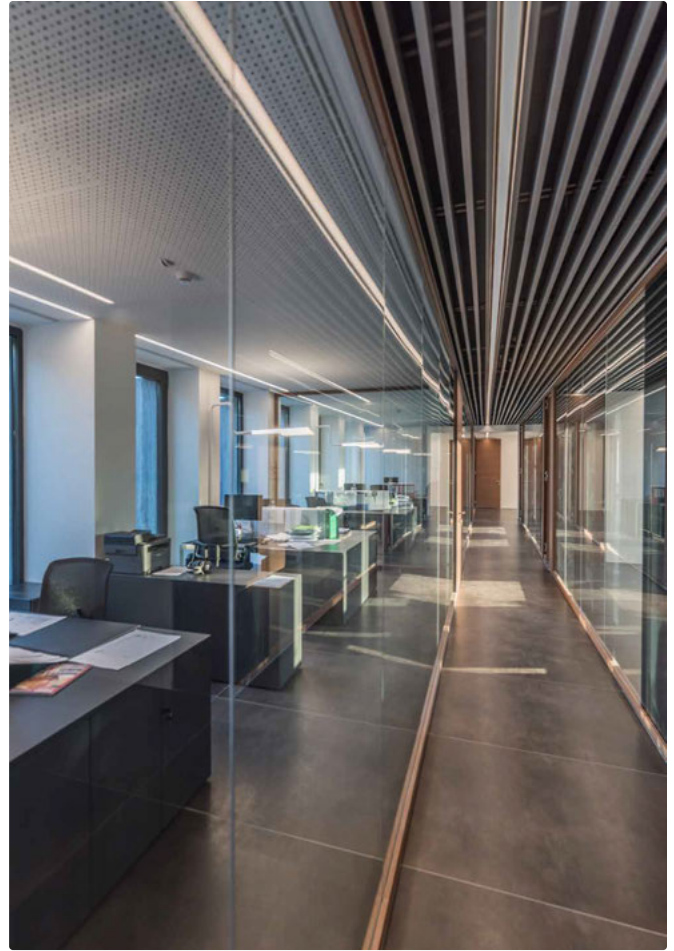
Installation solutions



Ceiling-mounted installation
With a special accessory bracket that can be installed without the use of screws.



Suspension installation
With a bracket and a suspension cable which allows for adjustment of the installation height.



Emergency lighting

LOGICO Easy 57 and LOGICO Easy 100 are available with linear modules equipped with Emergency packs - Permanent Emergency (1h autonomy and 24h recharge) compliant with EN 60598-2-22.

For light modules designed for emergency lighting it is necessary to provide a separate feeding cable for the battery pack.

Power supply

Integrated ON-OFF electronic driver or DALI2
Preset for through wiring making it possible to reach a maximum length of 18 metres.
For every system it is possible to use only one terminal block placed at the beginning or at the end of the line.



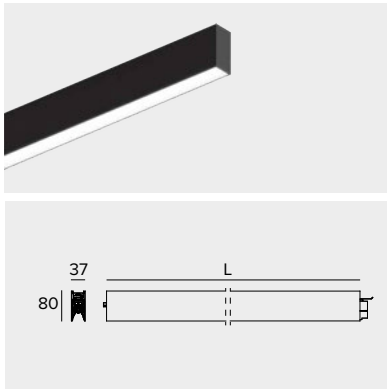
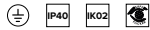
DALI2
DALI2 control.
Independent direct/indirect switching with DALI system addressing



ON – OFF
ON-OFF electronic control
Single switch
*Double switching on request

LOGICO EASY System 37 | OPAL | Linear module

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1444lm to 9854lm

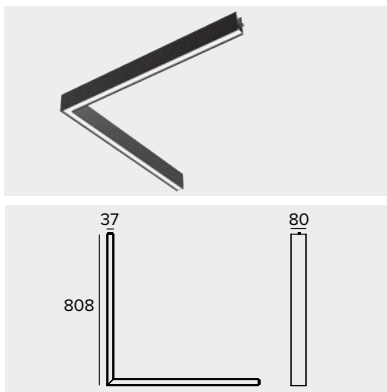
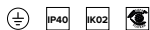


Product	Version	Ra+K	Driver	Colour
T001	MZ Direct - 1168mm - 24W - 1789lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1458mm - 29W - 2238lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2336mm - 47W - 3579lm	930 Ra90 3000K		
	MW Direct - 2916mm - 58W - 4476lm	940 Ra90 4000K		
	BZ Dir + Ind - 1168mm - 46W - 3902lm			
	BY Dir + Ind - 1458mm - 57W - 4927lm			
	BX Dir + Ind - 2336mm - 94W - 7804lm			
	BW Dir + Ind - 2916mm - 114W - 9854lm			

Note To be completed with OPAL screen available as related code.
Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
Related codes and accessory codes on page 242.

LOGICO EASY System 37 | OPAL | L module

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2132lm to 4938lm

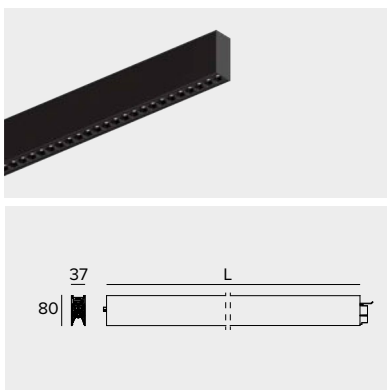


Product	Version	Ra+K	Driver	Colour
T002	MV Direct - 808mm - 16W - 1321lm - 2X	830 Ra80 3000K	EL ON-OFF	PW ○
	BV Dir + Ind - 808mm - 28W - 2469lm - 2X	840 Ra80 4000K	D2 DALI2	DB ●
		930 Ra90 3000K		
		940 Ra90 4000K		

Note To be completed with OPAL screen available as related code.
Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
Related codes and accessory codes on page 242.

LOGICO EASY System 37 | UGR19 | Linear module

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1683lm to 10466lm

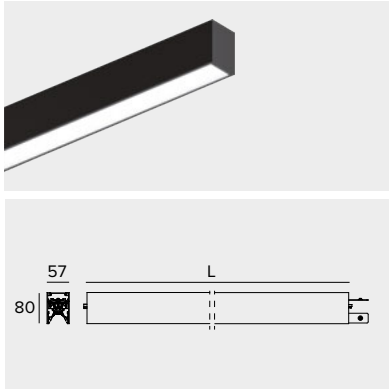


Product	Version	Ra+K	Driver	Colour
T003	MZ Direct - 1120mm - 19W - 2500lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1400mm - 23W - 3124lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2239mm - 35W - 4999lm	930 Ra90 3000K		
	MW Direct - 2799mm - 43W - 6249lm	940 Ra90 4000K		
	BZ Dir + Ind - 1120mm - 36W - 4034lm			
	BY Dir + Ind - 1400mm - 46W - 5232lm			
	BX Dir + Ind - 2239mm - 68W - 8067lm			
	BW Dir + Ind - 2799mm - 88W - 10466lm			

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
Related codes and accessory codes on page 242.

LOGICO EASY System 57 | OPAL HO | Linear module

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1768lm to 12091lm

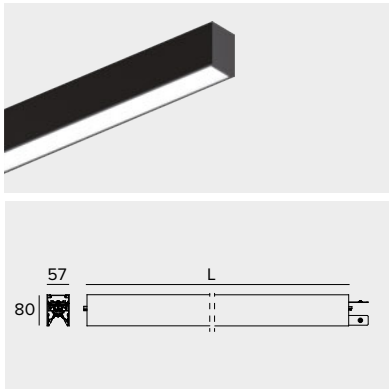


Product	Version	Ra+K	Driver	Colour
T005	MZ Direct - 1168mm - 28W - 2190lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1458mm - 33W - 2738lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2336mm - 55W - 4380lm	930 Ra90 3000K		
	MW Direct - 2916mm - 66W - 5475lm	940 Ra90 4000K		
	BZ Dir + Ind - 1168mm - 50W - 4789lm			
	BY Dir + Ind - 1458mm - 62W - 6046lm			
	BX Dir + Ind - 2336mm - 101W - 9578lm			
	BW Dir + Ind - 2916mm - 125W - 12091lm			

Note To be completed with OPAL screen available as related code.
Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
Related codes and accessory codes on page 244.

LOGICO EASY System 57 | OPAL HO | Linear module Emergency

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2210lm to 12091lm

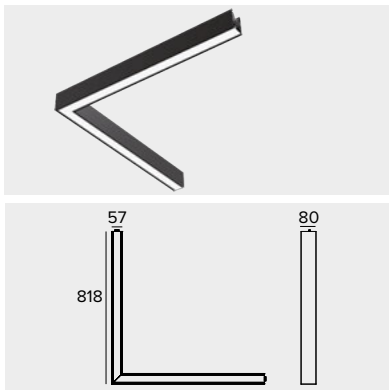


Product	Version	Ra+K	Driver	Colour
T006	MY Direct - 1458mm - 34W - 2738lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2336mm - 56W - 4380lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	MW Direct - 2916mm - 67W - 5475lm	930 Ra90 3000K		
	BX Dir + Ind - 2336mm - 102W - 9578lm	940 Ra90 4000K		
	BW Dir + Ind - 2916mm - 126W - 12091lm			

Note For Emergency light modules provide a separate feeding cable for the battery pack.
To be completed with OPAL screen available as related code.
Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
Related codes and accessory codes on page 244.

LOGICO EASY System 57 | OPAL HO | L module

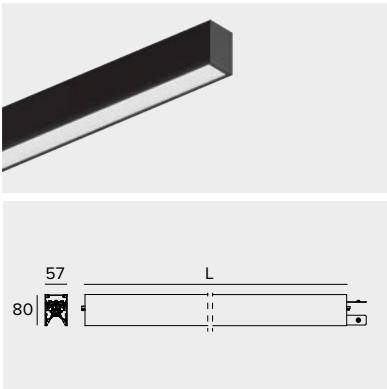
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2458lm to 5870lm



Product	Version	Ra+K	Driver	Colour
T007	MV Direct - 818mm - 19W - 1523lm - 2X	830 Ra80 3000K	EL ON-OFF	PW ○
	BV Dir + Ind - 818mm - 31W - 2935lm - 2X	840 Ra80 4000K	D2 DALI2	DB ●
		930 Ra90 3000K		
		940 Ra90 4000K		

Note To be completed with OPAL screen available as related code.
Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
Related codes and accessory codes on page 244.

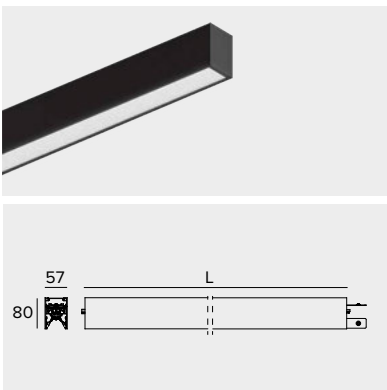
LOGICO EASY System 57 | OPAL / UGR19 | Linear module
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1229lm to 10732lm



Product	Version	Ra+K	Driver	Colour
T008	MZ Direct - 1168mm - 18W - 1522lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1458mm - 23W - 2030lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2336mm - 33W - 3045lm	930 Ra90 3000K		
	MW Direct - 2916mm - 44W - 4060lm	940 Ra90 4000K		
	BZ Dir + Ind - 1168mm - 41W - 4121lm			
	BY Dir + Ind - 1458mm - 52W - 5338lm			
	BX Dir + Ind - 2336mm - 78W - 8243lm			
	BW Dir + Ind - 2916mm - 100W - 10676lm			

Note To be completed with OPAL or UGR19 screen available as related codes.
 Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 244.

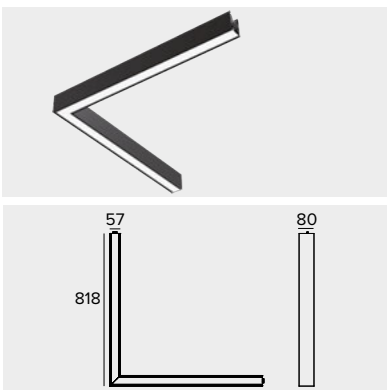
LOGICO EASY System 57 | OPAL / UGR19 | Linear module Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1639lm to 10732lm



Product	Version	Ra+K	Driver	Colour
T009	MY Direct - 1458mm - 24W - 2030lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2336mm - 34W - 3045lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	MW Direct - 2916mm - 45W - 4060lm	930 Ra90 3000K		
	BX Dir + Ind - 2336mm - 79W - 8243lm	940 Ra90 4000K		
	BW Dir + Ind - 2916mm - 101W - 10676lm			

Note For Emergency light modules provide a separate feeding cable for the battery pack.
 To be completed with OPAL or UGR19 screen available as related codes.
 Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 244.

LOGICO EASY System 57 | OPAL / UGR19 | L module
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1604lm to 4840lm

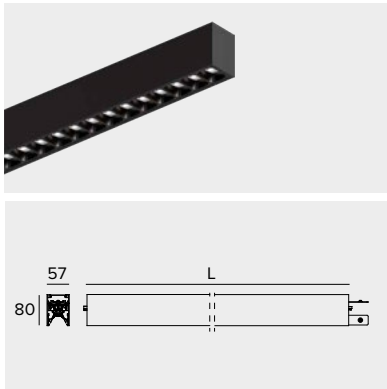


Product	Version	Ra+K	Driver	Colour
T010	MV Direct - 818mm - 12W - 994lm - 2X	830 Ra80 3000K	EL ON-OFF	PW ○
	BV Dir + Ind - 818mm - 24W - 2406lm - 2X	840 Ra80 4000K	D2 DALI2	DB ●
		930 Ra90 3000K		
		940 Ra90 4000K		

Note To be completed with OPAL or UGR19 screen available as related codes.
 Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 244.

LOGICO EASY System 57 | UGR16 | Linear module

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1281lm to 11071lm

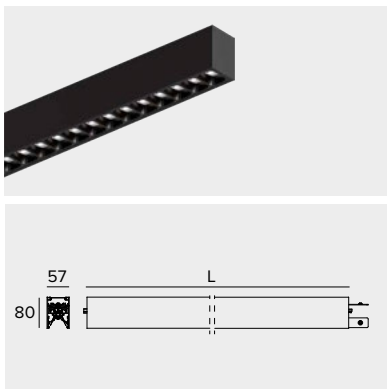


Product	Version	Ra+K	Driver	Colour
T027	MZ Direct - 1174mm - 14W - 1713lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1468mm - 18W - 2143lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2348mm - 27W - 3471lm	930 Ra90 3000K		
	MW Direct - 2935mm - 33W - 4285lm	940 Ra90 4000K		
	BZ Dir + Ind - 1174mm - 37W - 4379lm			
	BY Dir + Ind - 1468mm - 47W - 5536lm			
	BX Dir + Ind - 2348mm - 71W - 8802lm			
	BW Dir + Ind - 2935mm - 89W - 11071lm			

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Related codes and accessory codes on page 244.

LOGICO EASY System 57 | UGR16 | Linear module Emergency

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1601lm to 11071lm

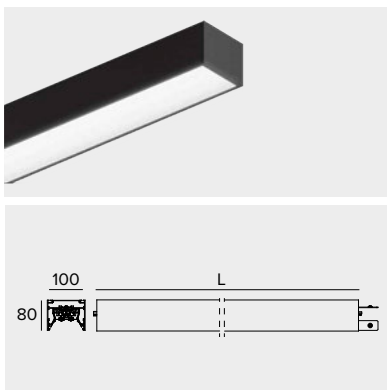


Product	Version	Ra+K	Driver	Colour
T028	MY Direct - 1468mm - 19W - 2143lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2348mm - 28W - 3471lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	MW Direct - 2935mm - 34W - 4285lm	930 Ra90 3000K		
	BX Dir + Ind - 2348mm - 72W - 8802lm	940 Ra90 4000K		
	BW Dir + Ind - 2935mm - 90W - 11071lm			

Note For Emergency light modules provide a separate feeding cable for the battery pack. Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Related codes and accessory codes on page 244.

LOGICO EASY System 100 | OPAL HO | Linear module

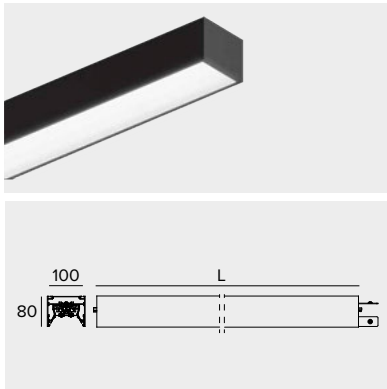
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2936lm to 15879lm



Product	Version	Ra+K	Driver	Colour
T011	MZ Direct - 1168mm - 40W - 3637lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1458mm - 49W - 4547lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2336mm - 82W - 7274lm	930 Ra90 3000K		
	MW Direct - 2916mm - 99W - 9093lm	940 Ra90 4000K		
	BZ Dir + Ind - 1168mm - 63W - 6303lm			
	BY Dir + Ind - 1458mm - 78W - 7940lm			
	BX Dir + Ind - 2336mm - 127W - 12605lm			
	BW Dir + Ind - 2916mm - 158W - 15879lm			

Note To be completed with OPAL screen available as related code. Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Related codes and accessory codes on page 244.

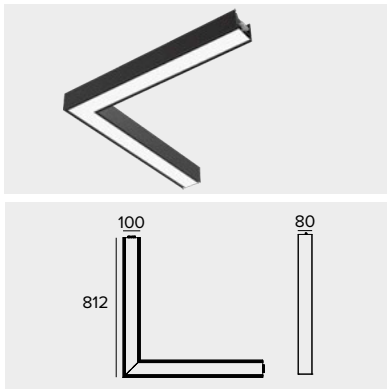
LOGICO EASY System 100 | OPAL HO | Linear module Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2936lm to 15879lm



Product	Version	Ra+K	Driver	Colour
T012	MZ Direct - 1168mm - 41W - 3637lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MY Direct - 1458mm - 50W - 4547lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	MX Direct - 2336mm - 83W - 7274lm	930 Ra90 3000K		
	MW Direct - 2916mm - 100W - 9093lm	940 Ra90 4000K		
	BX Dir + Ind - 2336mm - 128W - 12605lm			
	BW Dir + Ind - 2916mm - 159W - 15879lm			

Note For Emergency light modules provide a separate feeding cable for the battery pack.
 To be completed with OPAL screen available as related code.
 Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 246.

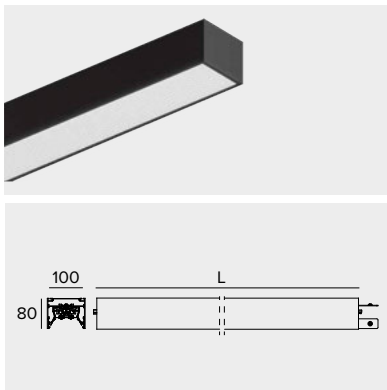
LOGICO EASY System 100 | OPAL HO | L module
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 4104lm to 7982lm



Product	Version	Ra+K	Driver	Colour
T013	MV Direct - 812mm - 27W - 2542lm - 2X	830 Ra80 3000K	EL ON-OFF	PW ○
	BV Dir + Ind - 812mm - 39W - 3991lm - 2X	840 Ra80 4000K	D2 DALI2	DB ●
	930 Ra90 3000K			
	940 Ra90 4000K			

Note To be completed with OPAL screen available as related code.
 Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 246.

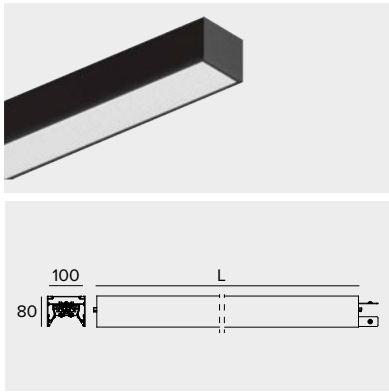
LOGICO EASY System 100 | OPAL / UGR19 | Linear module
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2318lm to 14690lm



Product	Version	Ra+K	Driver	Colour
T014	MZ Direct - 1168mm - 29W - 2871lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MY Direct - 1458mm - 39W - 3828lm	840 Ra80 4000K	D2 DALI2	DB ●
	MX Direct - 2336mm - 58W - 5742lm	930 Ra90 3000K		
	MW Direct - 2916mm - 77W - 7657lm	940 Ra90 4000K		
	BZ Dir + Ind - 1168mm - 52W - 5537lm			
	BY Dir + Ind - 1458mm - 68W - 7221lm			
	BW Dir + Ind - 2916mm - 133W - 14443lm			

Note To be completed with OPAL or UGR19 screen available as related codes.
 Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 246.

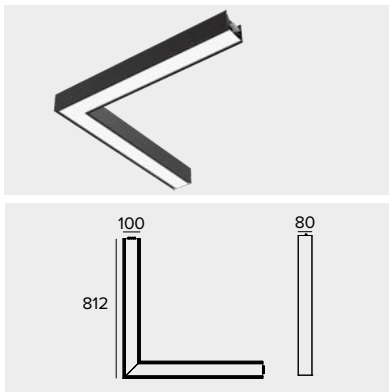
LOGICO EASY System 100 | OPAL / UGR19 | Linear module Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2318lm to 14690lm



Product	Version	Ra+K	Driver	Colour
T015	MZ Direct - 1168mm - 30W - 2871lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MY Direct - 1458mm - 40W - 3828lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	MX Direct - 2336mm - 59W - 5742lm	930 Ra90 3000K		
	MW Direct - 2916mm - 78W - 7657lm	940 Ra90 4000K		
	BX Dir + Ind - 2336mm - 104W - 11073lm			
	BW Dir + Ind - 2916mm - 134W - 14443lm			

Note For Emergency light modules provide a separate feeding cable for the battery pack.
 To be completed with OPAL or UGR19 screen available as related codes.
 Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 246.

LOGICO EASY System 100 | OPAL / UGR19 | L module
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3080lm to 6838lm



Product	Version	Ra+K	Driver	Colour
T016	MV Direct - 812mm - 20W - 1908lm - 2X	830 Ra80 3000K	EL ON-OFF	PW ○
	BV Dir + Ind - 812mm - 33W - 3357lm - 2X	840 Ra80 4000K	D2 DALI2	DB ●
		930 Ra90 3000K		
		940 Ra90 4000K		

Note To be completed with OPAL or UGR19 screen available as related codes.
 Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Related codes and accessory codes on page 246.

Related codes and accessories

LOGICO EASY System 37

Related codes

Screen

Dimensions	Code
L=6m	A002SL1
L=9m	A002SL2
L=15m	A002SL3
OPAL screen (Direct Emission). For Logico Easy System 37 - OPAL	

Accessory codes

L-shaped blind joint 808x808x80mm

Driver	Colour	Code
DALI2	●	A014SD2B
DALI2	○	A014SD2W
ON-OFF	●	A014SELB
ON-OFF	○	A014SELW
L-shaped blind electrical joint.		

End Caps

Version	Colour	Code
Logico Easy System 37 - OPAL	●	A003S2B
	○	A003S2W
End caps (2 pieces).		

Version	Colour	Code
Logico Easy System 37 - UGR19	●	A003S1B
	○	A003S1W
End caps (2 pieces).		

Cover Panel

Version	Colour	Code
Logico Easy System 37 - OPAL	●	A005SB
	○	A005SW
Joint for OPAL screens. To be used for configurations longer than 15 meters.		

Bracket

Code
A006S
Bracket for ceiling installation (2 pieces). Two brackets needed for each lighting module.

Code
A007S
Bracket with adjustment system for suspended installation (2 pieces). Two brackets needed for each lighting module.

Terminal Box

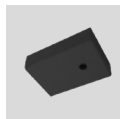
Version	Code
5 Poles DALI	A009Y
3 Poles ON-OFF	A009Z
Terminal block (plug/socket). One for each power supply. A009Y - For Logico Easy 37 A009Z - For Logico Easy 37 57 100.	

Related codes and accessories

LOGICO EASY System 37

Accessory codes

Canopy



Colour	Code
--------	------

●	A004B
○	A004W

Canopy with 5 poles terminal block.
Feeding cable not included.

Suspension



Length	Code
--------	------

6000mm	A008T
5000mm	A008U
4000mm	A008V
3000mm	A008W
2000mm	A008X
1000mm	A008Y
500mm	A008Z

Suspension cable (2 pieces).

Related codes and accessories

LOGICO EASY System 57

Related codes

Screen

	Dimensions	Code		Dimensions	Code
	L=6m	A002ML1		L=6m	A001ML1
	L=9m	A002ML2		L=9m	A001ML2
	L=15m	A002ML3		L=15m	A001ML3
OPAL screen (Direct Emission). For Logico Easy System 57 - OPAL HO and Logico Easy System 57 - OPAL			UGR19 screen (Direct Emission). For Logico Easy System 57 - UGR19		

Accessory codes

L-shaped blind joint 818x818x80mm.

	Driver	Colour	Code
	DALI2	●	A014MD2B
	DALI2	○	A014MD2W
	ON-OFF	●	A014MELB
	ON-OFF	○	A014MELW
L-shaped blind electrical joint.			

End Caps

	Version	Colour	Code		Version	Colour	Code
	Logico Easy System 57 - OPAL HO / OPAL / UGR19	●	A003M2B		Logico Easy System 57 - UGR16	●	A003M1B
		○	A003M2W			○	A003M1W
End caps (2 pieces).				End caps (2 pieces).			

Cover Panel

	Version	Colour	Code
	Logico Easy System 57 - OPAL HO / OPAL / UGR19	●	A005MB
		○	A005MW
Joint for screens. To be used for configurations longer than 15 meters.			

Tape

	Version	Code
	10 pieces	A064
	50 pieces	A065
Blackout tape to join two light units together. A064 - Pack of 10 pieces (for 5 modular system light units). A065 - Pack of 50 pieces (for 25 modular system light units).		

Bracket

	Code		Code
	A006M		A007M
	Bracket for ceiling installation (2 pieces). Two brackets needed for each lighting module.		Bracket with adjustment system for suspended installation (2 pieces). Two brackets needed for each lighting module.

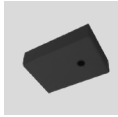
Terminal Box

	Version	Code
	5 Poles DALI	A009X
	3 Poles ON-OFF	A009Z
Terminal block (plug/socket). One for each power supply. A009X - For Logico Easy 57 100. A009Z - For Logico Easy 37 57 100.		

Related codes and accessories
LOGICO EASY System 57


Accessory codes

Canopy

	Colour	Code
	●	A004B
	○	A004W


Canopy with 5 poles terminal block.
Feeding cable not included.

Suspension


	Length	Code
	6000mm	A008T
	5000mm	A008U
	4000mm	A008V
	3000mm	A008W
	2000mm	A008X
	1000mm	A008Y
	500mm	A008Z

Suspension cable (2 pieces).

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page {{672}}.

	Code
	2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page {{672}}.

Related codes and accessories

LOGICO EASY System 100

Related codes

Screen



Dimensions	Code	Dimensions	Code
L=6m	A002LL1	L=6m	A001LL1
L=9m	A002LL2	L=9m	A001LL2
L=15m	A002LL3	L=15m	A001LL3

OPAL screen (Direct Emission).
For Logico Easy System 100 - OPAL HO and Logico Easy System 100 - OPAL

UGR19 screen (Direct Emission).
For Logico Easy System 100 - UGR19



Accessory codes

End Caps

Colour	Code
	A003L1B
	A003L1W

End caps (2 pieces).

Cover Panel

Colour	Code
	A005LB
	A005LW

Joint for screens.
To be used for configurations longer than 15 meters.

Tape

Version	Code
10 pieces	A064
50 pieces	A065

Blackout tape to join two light units together.
A064 - Pack of 10 pieces (for 5 modular system light units).
A065 - Pack of 50 pieces (for 25 modular system light units).

Bracket

Code	Code
A006L	A007L

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.

Terminal Box

Version	Code
5 Poles DALI	A009X
3 Poles ON-OFF	A009Z

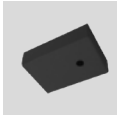
Terminal block (plug/socket).
One for each power supply.
A009X - For Logico Easy 57 | 100.
A009Z - For Logico Easy 37 | 57 | 100.

Related codes and accessories

LOGICO EASY System 100

Accessory codes

Canopy



Colour	Code
●	A004B
○	A004W

Canopy with 5 poles terminal block.
Feeding cable not included.

Suspension



Length	Code
6000mm	A008T
5000mm	A008U
4000mm	A008V
3000mm	A008W
2000mm	A008X
1000mm	A008Y
500mm	A008Z

Suspension cable (2 pieces).

Control systems



Code
1T5349

IP20 wireless control unit with DALI interface.
More details on page {{672}}.

























Code
2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page {{672}}.

LOGICO SYSTEM




A modular lighting system that provides great design flexibility thanks to modules in different lengths, connectors and different optical systems. This allows for recessed, ceiling-mounted and suspension applications. It is particularly suitable for lighting work spaces and hospitality environments.

									
Ceiling-mounted	Wall-mounted	Suspension	Recessed	Direct	Direct Indirect	Diffused	UGR For offices UGR	Wall Washer	Accent
INSTALLATION			EMISSION			LIGHT			
									
3000K	4000K	Linear	Corner	Closed	On-Off	Dali	Casambi	220/240V	
COLOUR TEMPERATURE		CONFIGURATION		CONTROL			POWER SUPPLY		
			ON REQUEST Tunable White (continuous light modules) 110-277V power supply Emergency pack (subject to feasibility check)						
White	Black	Easy Custom Colours							
FINISH									









**Linear light modules
in different lengths**

1200mm

1500mm

3000mm

**Linear light modules are available
with the following optical systems:**

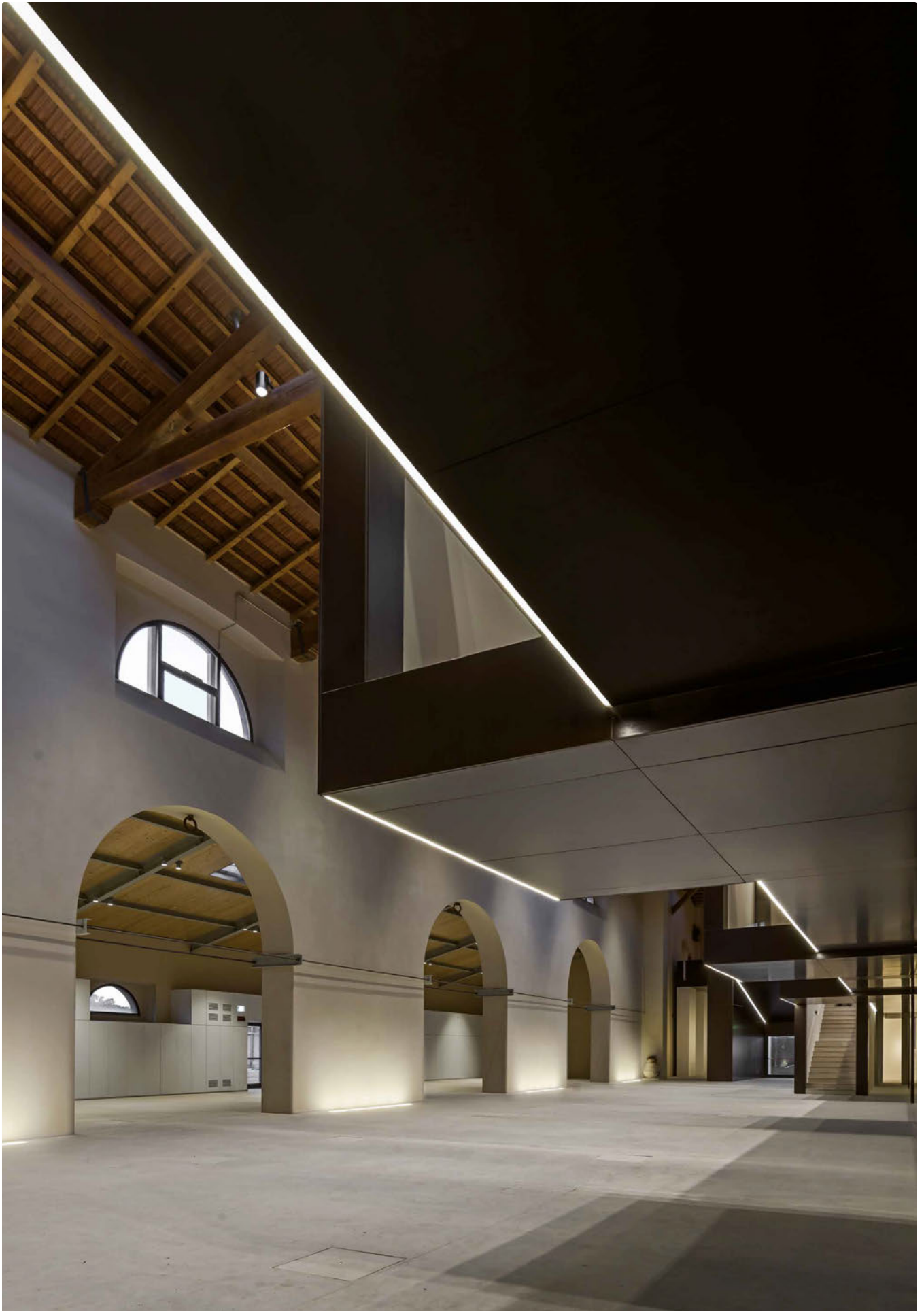
- UGR<19 for lighting offices
- Opal for soft controlled lighting
- WW for lighting walls (only for recessed versions)

The system has modules in different lengths and differentiated optical systems. Using different shaped connectors it is possible to create linear, closed and crossed configurations.



Different shaped connectors
L, T, X

Light units with projectors
with 1x and 3x projectors available
with different optical systems

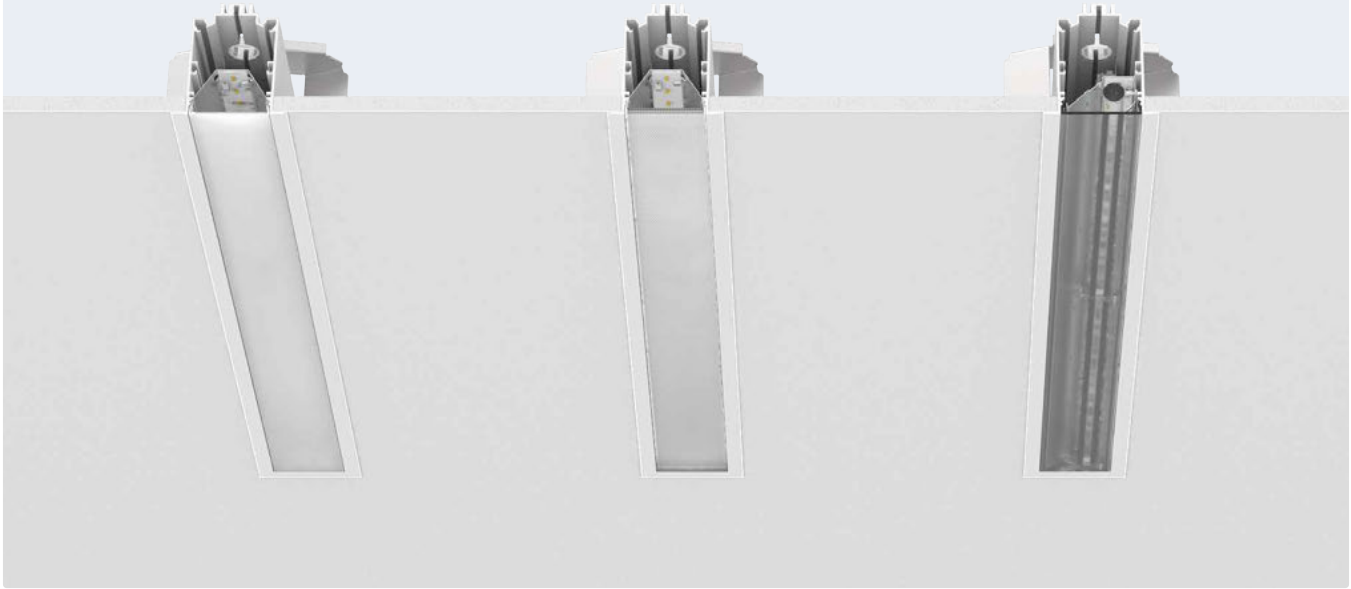


Diffused light with an opal screen
Soft and wide light emission,
particularly suitable for reception
areas, communal areas, corridors etc...

**UGR<1 controlled light with a
prismatic screen**
Ideal for open space offices, schools
or meeting rooms, where glare must
be reduced to a minimum.

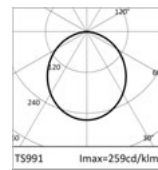
Compliant with the EN-12464 -
L65<3000 cd/m2 regulation.

**Wall Washer light for vertical
surfaces**
Makes it possible to light walls in a
soft and uniform manner. Using the
ratio 1:3 (height of the space 3m,
fixture distance from the wall 1m) it
is possible to create uniform lighting
effects

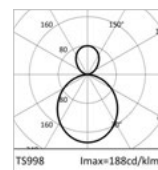


LOGICO
Up to 109lm/W
From 2047lm to 8122lm
3000K - 4000K
Ra80 - Ra90

OPAL SCREEN

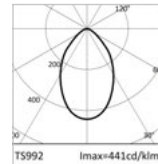


Down

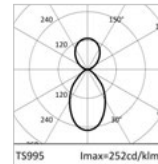


Up/Down

UGR SCREEN

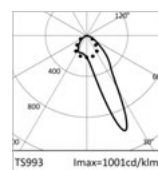


Down



Up/Down

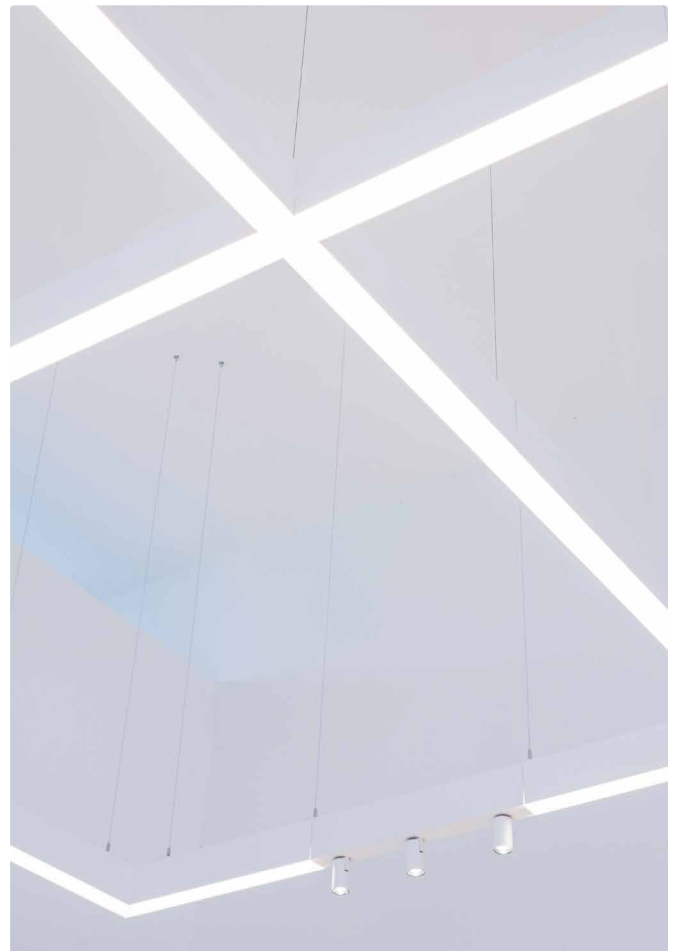
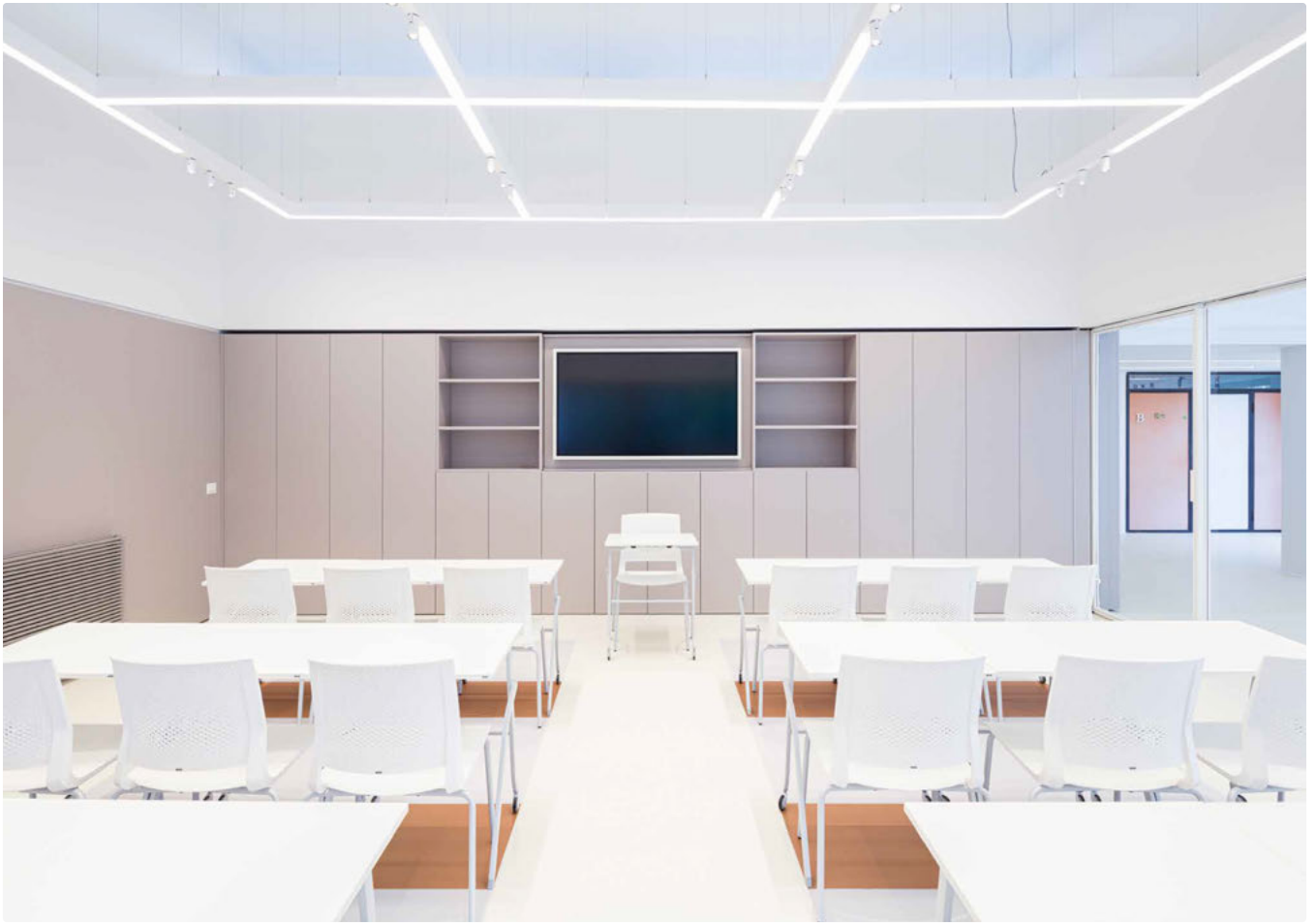
WW OPTIC

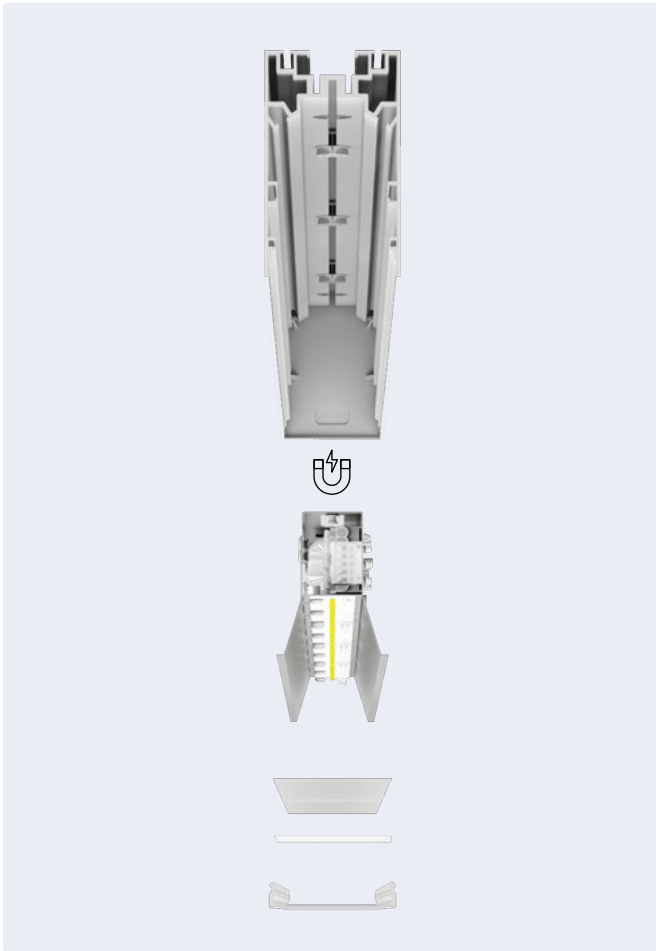


Down

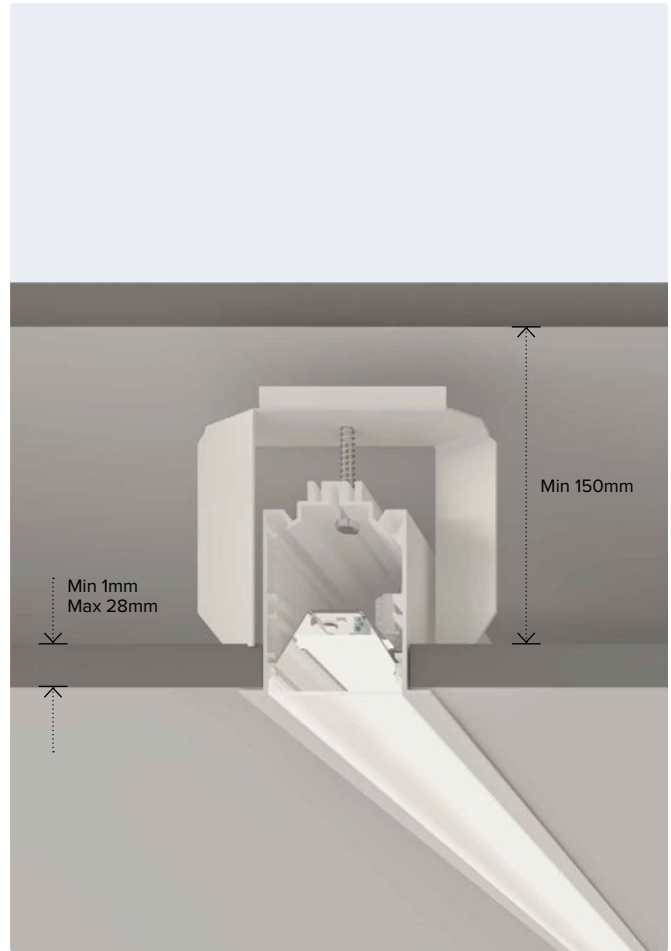
* The luminous flux and efficiency
(fixture) figures on this page refer to
the 3000K LED.





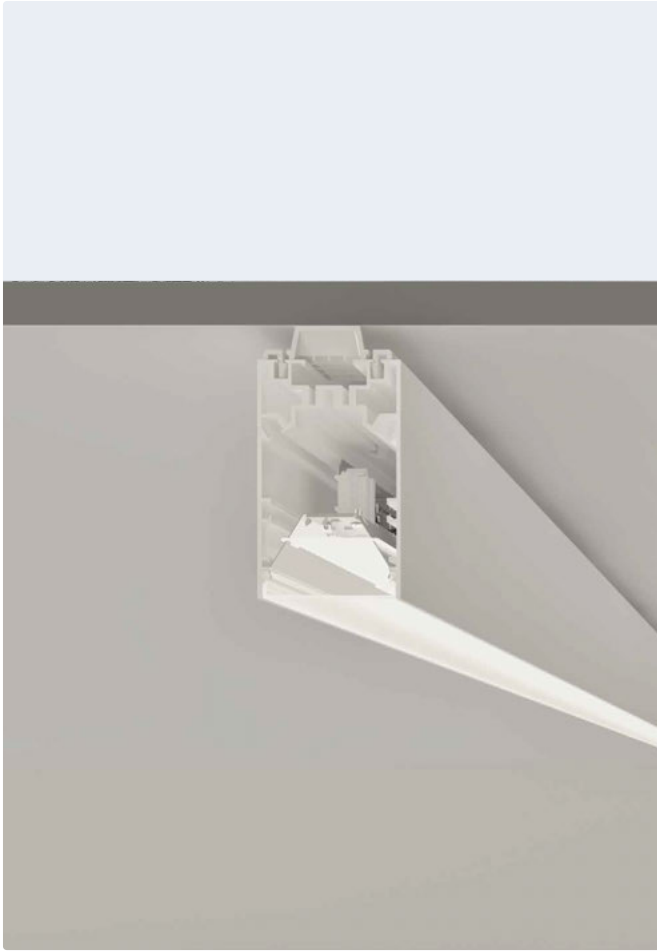


Every module is already equipped with a light unit. The two parts are connected together using magnets without the use of any tools. Modules with precise beams are already equipped with projectors.

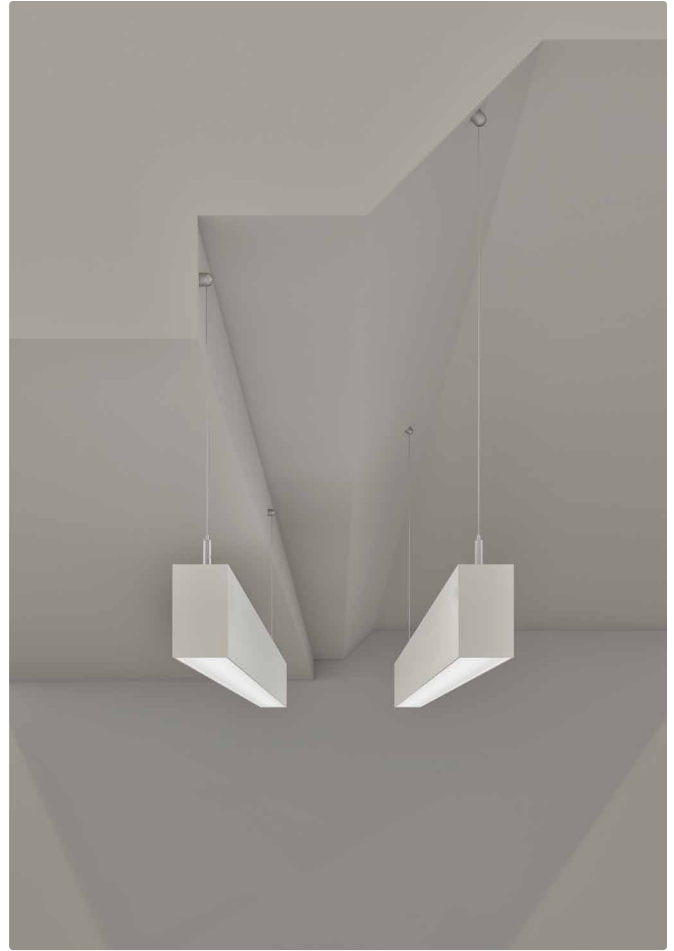


Trim recessed
Can be installed without an outer casing, using the brackets provided.

The system allows for direct or direct/indirect emission with separate ignition and dimming from 10 to 100% if DALI controlled.

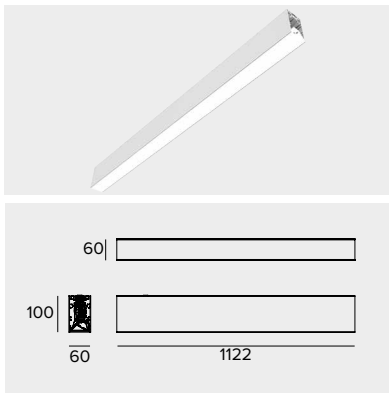
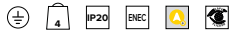


Ceiling-mounted installation
Modules can be ceiling-mounted with special accessory brackets that can be positioned at any point on the system. The springs are fixed to the module with a “click”.



Suspension mounted on sloping ceilings
The suspension kit also allows for installation on sloping ceilings or on vertical elements. The jack system to adjust the length of the cable is positioned near the fixture to facilitate adjustment.

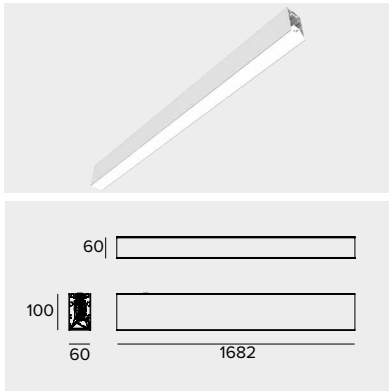
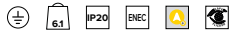
LOGICO System | Ceiling/Suspension | Continuous light module | L. 1122mm
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1365lm to 6451lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 27W	80	ON-OFF	○	1T5635EL	1T5636EL
			●	1T5639EL	1T5640EL
	DALI		○	1T5635DA	1T5636DA
			●	1T5639DA	1T5640DA
	90	ON-OFF	○	1T5635EL90	1T5636EL90
			●	1T5639EL90	1T5640EL90
DALI		○	1T5635DA90	1T5636DA90	
		●	1T5639DA90	1T5640DA90	
DOWN OPAL 54W	80	ON-OFF	○	1T5641EL	1T5642EL
			●	1T5645EL	1T5646EL
	DALI		○	1T5641DA	1T5642DA
			●	1T5645DA	1T5646DA
	90	ON-OFF	○	1T5641EL90	1T5642EL90
			●	1T5645EL90	1T5646EL90
DALI		○	1T5641DA90	1T5642DA90	
		●	1T5645DA90	1T5646DA90	
DOWN UGR 18W	80	ON-OFF	○	1T5659EL	1T5660EL
			●	1T5663EL	1T5664EL
	DALI		○	1T5659DA	1T5660DA
			●	1T5663DA	1T5664DA
	90	ON-OFF	○	1T5659EL90	1T5660EL90
			●	1T5663EL90	1T5664EL90
DALI		○	1T5659DA90	1T5660DA90	
		●	1T5663DA90	1T5664DA90	
UP-DOWN OPAL 47W	80	ON-OFF	○	1T5647EL	1T5648EL
			●	1T5651EL	1T5652EL
	DALI		○	1T5647DA	1T5648DA
			●	1T5651DA	1T5652DA
	90	ON-OFF	○	1T5647EL90	1T5648EL90
			●	1T5651EL90	1T5652EL90
DALI		○	1T5647DA90	1T5648DA90	
		●	1T5651DA90	1T5652DA90	
UP-DOWN OPAL 74W	80	ON-OFF	○	1T5653EL	1T5654EL
			●	1T5657EL	1T5658EL
	DALI		○	1T5653DA	1T5654DA
			●	1T5657DA	1T5658DA
	90	ON-OFF	○	1T5653EL90	1T5654EL90
			●	1T5657EL90	1T5658EL90
DALI		○	1T5653DA90	1T5654DA90	
		●	1T5657DA90	1T5658DA90	
UP-DOWN UGR 32W	80	ON-OFF	○	1T5665EL	1T5666EL
			●	1T5669EL	1T5670EL
	DALI		○	1T5665DA	1T5666DA
			●	1T5669DA	1T5670DA
	90	ON-OFF	○	1T5665EL90	1T5666EL90
			●	1T5669EL90	1T5670EL90
DALI		○	1T5665DA90	1T5666DA90	
		●	1T5669DA90	1T5670DA90	

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Direct/indirect version: single switch.
 Related codes and accessory codes on page 268.

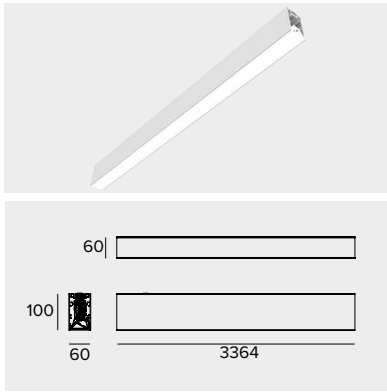
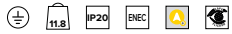
LOGICO System | Ceiling/Suspension | Continuous light module | L. 1682mm
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2047lm to 9381lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 40W	80	ON-OFF	○	1T5683EL	1T5684EL
			●	1T5687EL	1T5688EL
	DALI		○	1T5683DA	1T5684DA
			●	1T5687DA	1T5688DA
	90	ON-OFF	○	1T5683EL90	1T5684EL90
			●	1T5687EL90	1T5688EL90
DALI		○	1T5683DA90	1T5684DA90	
		●	1T5687DA90	1T5688DA90	
DOWN OPAL 81W	80	ON-OFF	○	1T5689EL	1T5690EL
			●	1T5693EL	1T5694EL
	DALI		○	1T5689DA	1T5690DA
			●	1T5693DA	1T5694DA
	90	ON-OFF	○	1T5689EL90	1T5690EL90
			●	1T5693EL90	1T5694EL90
DALI		○	1T5689DA90	1T5690DA90	
		●	1T5693DA90	1T5694DA90	
DOWN UGR 27W	80	ON-OFF	○	1T5707EL	1T5708EL
			●	1T5711EL	1T5712EL
	DALI		○	1T5707DA	1T5708DA
			●	1T5711DA	1T5712DA
	90	ON-OFF	○	1T5707EL90	1T5708EL90
			●	1T5711EL90	1T5712EL90
DALI		○	1T5707DA90	1T5708DA90	
		●	1T5711DA90	1T5712DA90	
UP-DOWN OPAL 68W	80	ON-OFF	○	1T5695EL	1T5696EL
			●	1T5699EL	1T5700EL
	DALI		○	1T5695DA	1T5696DA
			●	1T5699DA	1T5700DA
	90	ON-OFF	○	1T5695EL90	1T5696EL90
			●	1T5699EL90	1T5700EL90
DALI		○	1T5695DA90	1T5696DA90	
		●	1T5699DA90	1T5700DA90	
UP-DOWN OPAL 107W	80	ON-OFF	○	1T5701EL	1T5702EL
			●	1T5705EL	1T5706EL
	DALI		○	1T5701DA	1T5702DA
			●	1T5705DA	1T5706DA
	90	ON-OFF	○	1T5701EL90	1T5702EL90
			●	1T5705EL90	1T5706EL90
DALI		○	1T5701DA90	1T5702DA90	
		●	1T5705DA90	1T5706DA90	
UP-DOWN UGR 45W	80	ON-OFF	○	1T5713EL	1T5714EL
			●	1T5717EL	1T5718EL
	DALI		○	1T5713DA	1T5714DA
			●	1T5717DA	1T5718DA
	90	ON-OFF	○	1T5713EL90	1T5714EL90
			●	1T5717EL90	1T5718EL90
DALI		○	1T5713DA90	1T5714DA90	
		●	1T5717DA90	1T5718DA90	

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Direct/indirect version: single switch.
 Related codes and accessory codes on page 268.

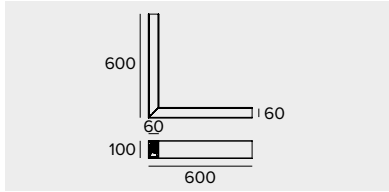
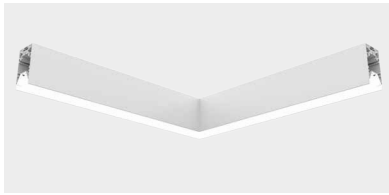
LOGICO System | Ceiling/Suspension | Continuous light module | L. 3364mm
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 4094lm to 18735lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 81W	80	ON-OFF	○	1T5731EL	1T5732EL
			●	1T5735EL	1T5736EL
	90	DALI	○	1T5731DA	1T5732DA
			●	1T5735DA	1T5736DA
		ON-OFF	○	1T5731EL90	1T5732EL90
			●	1T5735EL90	1T5736EL90
DOWN OPAL 163W	80	DALI	○	1T5731DA90	1T5732DA90
			●	1T5735DA90	1T5736DA90
	90	ON-OFF	○	1T5737EL	1T5738EL
			●	1T5741EL	1T5742EL
		DALI	○	1T5737DA	1T5738DA
			●	1T5741DA	1T5742DA
DOWN UGR 54W	80	ON-OFF	○	1T5737EL90	1T5738EL90
			●	1T5741EL90	1T5742EL90
	90	DALI	○	1T5737DA90	1T5738DA90
			●	1T5741DA90	1T5742DA90
		ON-OFF	○	1T5755EL	1T5756EL
			●	1T5759EL	1T5760EL
UP-DOWN OPAL 136W	80	DALI	○	1T5755DA	1T5756DA
			●	1T5759DA	1T5760DA
	90	ON-OFF	○	1T5755EL90	1T5756EL90
			●	1T5759EL90	1T5760EL90
		DALI	○	1T5755DA90	1T5756DA90
			●	1T5759DA90	1T5760DA90
UP-DOWN OPAL 218W	80	ON-OFF	○	1T5743EL	1T5744EL
			●	1T5747EL	1T5748EL
	90	DALI	○	1T5743DA	1T5744DA
			●	1T5747DA	1T5748DA
		ON-OFF	○	1T5743EL90	1T5744EL90
			●	1T5747EL90	1T5748EL90
UP-DOWN UGR 91W	80	DALI	○	1T5743DA90	1T5744DA90
			●	1T5747DA90	1T5748DA90
	90	ON-OFF	○	1T5749EL	1T5750EL
			●	1T5753EL	1T5754EL
		DALI	○	1T5749DA	1T5750DA
			●	1T5753DA	1T5754DA
UP-DOWN UGR 91W	80	ON-OFF	○	1T5749EL90	1T5750EL90
			●	1T5753EL90	1T5754EL90
	90	DALI	○	1T5749DA90	1T5750DA90
			●	1T5753DA90	1T5754DA90
		ON-OFF	○	1T5761EL	1T5762EL
			●	1T5765EL	1T5766EL
UP-DOWN UGR 91W	80	DALI	○	1T5761DA	1T5762DA
			●	1T5765DA	1T5766DA
	90	ON-OFF	○	1T5761EL90	1T5762EL90
			●	1T5765EL90	1T5766EL90
		DALI	○	1T5761DA90	1T5762DA90
			●	1T5765DA90	1T5766DA90

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Direct/indirect version: single switch.
 Related codes and accessory codes on page 268.

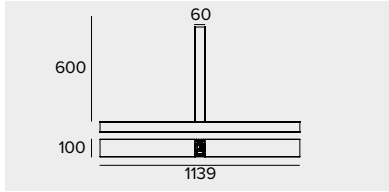
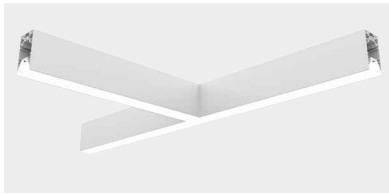
LOGICO System | Ceiling/Suspension | Continuous light module L connector
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1365lm to 4685lm



Emission	CRI	Driver	Colour	3000K	4000K	
DOWN OPAL 27W	80	ON-OFF	○	1T5976EL	1T5977EL	
			●	1T5980EL	1T5981EL	
		DALI	○	1T5976DA	1T5977DA	
	DOWN OPAL 54W	90	ON-OFF	○	1T5976EL90	1T5977EL90
				●	1T5980EL90	1T5981EL90
			DALI	○	1T5976DA90	1T5977DA90
DOWN OPAL 54W		80	ON-OFF	○	1T5978EL	1T5979EL
				●	1T5982EL	1T5983EL
			DALI	○	1T5978DA	1T5979DA
	DOWN UGR 18W	90	ON-OFF	○	1T5978EL90	1T5979EL90
				●	1T5982EL90	1T5983EL90
			DALI	○	1T5978DA90	1T5979DA90
UP-DOWN OPAL 40W		80	ON-OFF	○	1T6855EL	1T6856EL
				●	1T6857EL	1T6858EL
			DALI	○	1T6855DA	1T6856DA
	UP-DOWN UGR 27W	90	ON-OFF	○	1T6855EL90	1T6856EL90
				●	1T6857EL90	1T6858EL90
			DALI	○	1T6855DA90	1T6856DA90
UP-DOWN OPAL 40W		80	ON-OFF	○	1T6857DA90	1T6858DA90
				●	1T6857DA90	1T6858DA90
			DALI	○	1T6891EL	1T6892EL
	UP-DOWN UGR 27W	90	ON-OFF	○	1T6891EL90	1T6892EL90
				●	1T6893EL90	1T6894EL90
			DALI	○	1T6891DA	1T6892DA
UP-DOWN UGR 27W		80	ON-OFF	○	1T6891DA90	1T6892DA90
				●	1T6893DA90	1T6894DA90
			DALI	○	1T6893DA90	1T6894DA90
	UP-DOWN UGR 27W	90	ON-OFF	○	1T6873EL	1T6874EL
				●	1T6875EL	1T6876EL
			DALI	○	1T6873DA	1T6874DA
UP-DOWN UGR 27W		80	ON-OFF	○	1T6875DA	1T6876DA
				●	1T6875DA	1T6876DA
			DALI	○	1T6873EL90	1T6874EL90
	UP-DOWN UGR 27W	90	ON-OFF	○	1T6875EL90	1T6876EL90
				●	1T6875EL90	1T6876EL90
			DALI	○	1T6873DA90	1T6874DA90
UP-DOWN UGR 27W		80	ON-OFF	○	1T6875DA90	1T6876DA90
				●	1T6875DA90	1T6876DA90
			DALI	○	1T6875DA90	1T6876DA90

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Direct/indirect version: single switch.
 Related codes and accessory codes on page 268.

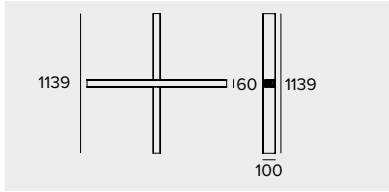
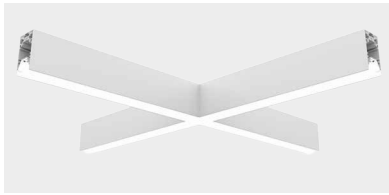
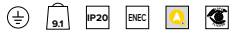
LOGICO System | Ceiling/Suspension | Continuous light module | T connector
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2047lm to 7028lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 40W	80	ON-OFF	○	1T5988EL	1T5989EL
			●	1T5992EL	1T5993EL
	DALI	○	1T5988DA	1T5989DA	
		●	1T5992DA	1T5993DA	
	90	ON-OFF	○	1T5988EL90	1T5989EL90
			●	1T5992EL90	1T5993EL90
DALI	○	1T5988DA90	1T5989DA90		
	●	1T5992DA90	1T5993DA90		
DOWN OPAL 81W	80	ON-OFF	○	1T5990EL	1T5991EL
			●	1T5994EL	1T5995EL
	DALI	○	1T5990DA	1T5991DA	
		●	1T5994DA	1T5995DA	
	90	ON-OFF	○	1T5990EL90	1T5991EL90
			●	1T5994EL90	1T5995EL90
DALI	○	1T5990DA90	1T5991DA90		
	●	1T5994DA90	1T5995DA90		
DOWN UGR 27W	80	ON-OFF	○	1T6861EL	1T6862EL
			●	1T6863EL	1T6864EL
	DALI	○	1T6861DA	1T6862DA	
		●	1T6863DA	1T6864DA	
	90	ON-OFF	○	1T6861EL90	1T6862EL90
			●	1T6863EL90	1T6864EL90
DALI	○	1T6861DA90	1T6862DA90		
	●	1T6863DA90	1T6864DA90		
UP-DOWN OPAL 60W	80	ON-OFF	○	1T6897EL	1T6898EL
			●	1T6899EL	1T6900EL
	DALI	○	1T6897DA	1T6898DA	
		●	1T6899DA	1T6900DA	
	90	ON-OFF	○	1T6897EL90	1T6898EL90
			●	1T6899EL90	1T6900EL90
DALI	○	1T6897DA90	1T6898DA90		
	●	1T6899DA90	1T6900DA90		
UP-DOWN UGR 40W	80	ON-OFF	○	1T6879EL	1T6880EL
			●	1T6881EL	1T6882EL
	DALI	○	1T6879DA	1T6880DA	
		●	1T6881DA	1T6882DA	
	90	ON-OFF	○	1T6879EL90	1T6880EL90
			●	1T6881EL90	1T6882EL90
DALI	○	1T6879DA90	1T6880DA90		
	●	1T6881DA90	1T6882DA90		

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Direct/indirect version: single switch.
 Related codes and accessory codes on page 268.

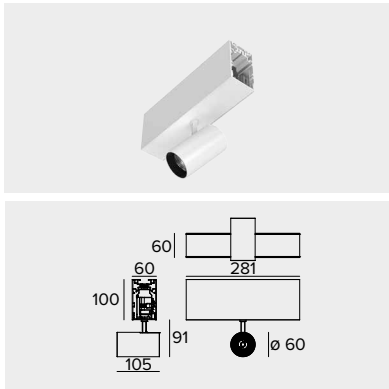
LOGICO System | Ceiling/Suspension | Continuous light module | X connector
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2730lm to 9371lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 54W	80	ON-OFF	○	1T6000EL	1T6001EL
			●	1T6004EL	1T6005EL
	90	DALI	○	1T6000DA	1T6001DA
			●	1T6004DA	1T6005DA
		ON-OFF	○	1T6000EL90	1T6001EL90
			●	1T6004EL90	1T6005EL90
DOWN OPAL 108W	80	DALI	○	1T6000DA90	1T6001DA90
			●	1T6004DA90	1T6005DA90
	90	ON-OFF	○	1T6002EL	1T6003EL
			●	1T6006EL	1T6007EL
		DALI	○	1T6002DA	1T6003DA
			●	1T6006DA	1T6007DA
DOWN UGR 40W	80	ON-OFF	○	1T6002EL90	1T6003EL90
			●	1T6006EL90	1T6007EL90
	90	DALI	○	1T6002DA90	1T6003DA90
			●	1T6006DA90	1T6007DA90
		ON-OFF	○	1T6867EL	1T6868EL
			●	1T6869EL	1T6870EL
DOWN UGR 36W	80	DALI	○	1T6867DA	1T6868DA
			●	1T6869DA	1T6870DA
	90	ON-OFF	○	1T6867EL90	1T6868EL90
			●	1T6869EL90	1T6870EL90
		DALI	○	1T6867DA90	1T6868DA90
			●	1T6869DA90	1T6870DA90
UP-DOWN OPAL 81W	80	ON-OFF	○	1T6903EL	1T6904EL
			●	1T6905EL	1T6906EL
	90	DALI	○	1T6903DA	1T6904DA
			●	1T6905DA	1T6906DA
		ON-OFF	○	1T6903EL90	1T6904EL90
			●	1T6905EL90	1T6906EL90
UP-DOWN UGR 54W	80	DALI	○	1T6903DA90	1T6904DA90
			●	1T6905DA90	1T6906DA90
	90	ON-OFF	○	1T6885EL	1T6886EL
			●	1T6887EL	1T6888EL
		DALI	○	1T6885DA	1T6886DA
			●	1T6887DA	1T6888DA
90	ON-OFF	○	1T6885EL90	1T6886EL90	
		●	1T6887EL90	1T6888EL90	
	DALI	○	1T6885DA90	1T6886DA90	
		●	1T6887DA90	1T6888DA90	

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Direct/indirect version: single switch.
 Related codes and accessory codes on page 268.

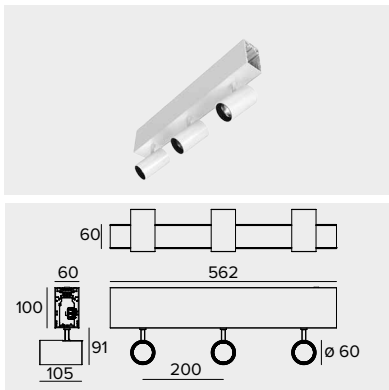
LOGICO System | Ceiling/Suspension | Projector module Label 6 | 1x
 220-240Vac | Ra90 | Fixture flux 3000K from 1334lm to 1405lm



Optic	CRI	Driver	Colour	3000K	4000K
SP 16° 15W	90	ON-OFF	○	1T7305EL	1T7308EL
			●	1T7311EL	1T7314EL
		DALI	○	1T7305DA	1T7308DA
			●	1T7311DA	1T7314DA
FL 31° 15W	90	ON-OFF	○	1T7306EL	1T7309EL
			●	1T7312EL	1T7315EL
		DALI	○	1T7306DA	1T7309DA
			●	1T7312DA	1T7315DA
MWFL 48° 15W	90	ON-OFF	○	1T7307EL	1T7310EL
			●	1T7313EL	1T7316EL
		DALI	○	1T7307DA	1T7310DA
			●	1T7313DA	1T7316DA

Note Check mounting instructions to verify the quantity of DALI drivers installed. Related codes and accessory codes on page 268.

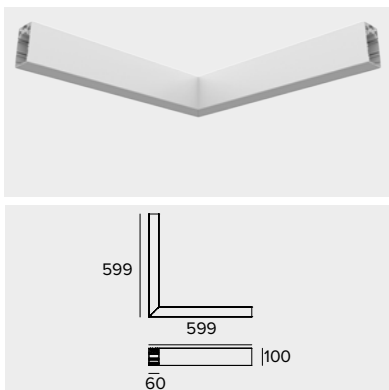
LOGICO System | Ceiling/Suspension | Projector module Label 6 | 3x
 220-240Vac | Ra90 | Fixture flux 3000K from 4002lm to 4215lm



Optic	CRI	Driver	Colour	3000K	4000K
SP 16° 3x15W	90	ON-OFF	○	1T7323EL	1T7326EL
			●	1T7329EL	1T7332EL
		DALI	○	1T7323DA	1T7326DA
			●	1T7329DA	1T7332DA
FL 31° 3x15W	90	ON-OFF	○	1T7324EL	1T7327EL
			●	1T7330EL	1T7333EL
		DALI	○	1T7324DA	1T7327DA
			●	1T7330DA	1T7333DA
MWFL 48° 3x15W	90	ON-OFF	○	1T7325EL	1T7328EL
			●	1T7331EL	1T7334EL
		DALI	○	1T7325DA	1T7328DA
			●	1T7331DA	1T7334DA

Note Check mounting instructions to verify the quantity of DALI drivers installed. Related codes and accessory codes on page 268.

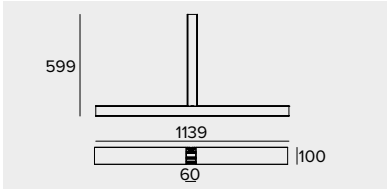
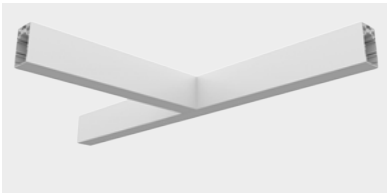
LOGICO System | Ceiling/Suspension | Blind module | L connector
 220-240Vac



Colour	Code
○	1T7387
●	1T7392

Note Related codes and accessory codes on page 268.

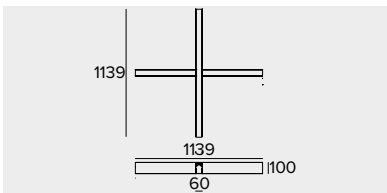
LOGICO System | Ceiling/Suspension | Blind module | T connector
220-240Vac



Note Related codes and accessory codes on page 268.

Colour	Code
○	1T7388
●	1T7393

LOGICO System | Ceiling/Suspension | Blind module | X connector
220-240Vac



Note Related codes and accessory codes on page 268.

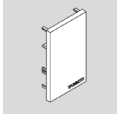
Colour	Code
○	1T7389
●	1T7394

Related codes and accessories

LOGICO System - Ceiling/Suspension


Related codes

End Caps

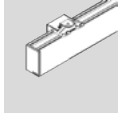
	Colour	Code
	○	1T5937
	●	1T5938

End caps for Ceiling Mounted and Suspension.
2x

Mounting System

	Colour	Code
	○	1T5912
	●	1T5913

Ceiling installation: polycarbonate bracket.
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 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

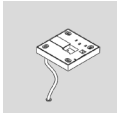
Wall installation: painted metal bracket.
To be ordered in the following quantities for every fixture length: 1 for the 281mm version, 2 for the 562 / 1122 / 1682mm version and 3 for the 3364mm version.

Suspension

L mm	Colour	Code
2000	○	1T5899
2000	●	1T5900
4000	○	1T5902
4000	●	1T5903

Suspension cable.
To be ordered in the following quantities for every fixture length: 1 for 281mm version, 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 mm	Driver	Colour	Code
	4000	ON-OFF	○	1T5905EL
	4000	ON-OFF	●	1T5906EL
	4000	DALI	○	1T5905DA
	4000	DALI	●	1T5906DA

Suspension installation kit: power cable complete with a painted polycarbonate rosette.
Max 0.6kW.

Accessory codes

Electrical Connector

Code
1T5911

Linear electrical connector.
EL/DALI.

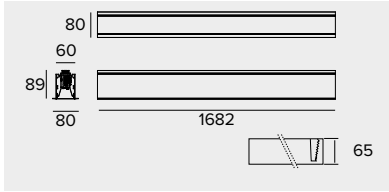
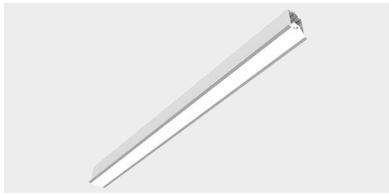
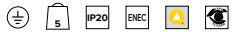
Control systems

Code	Code
1T5349	2T0131

IP20 wireless control unit with DALI interface.
More details on page 672.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.

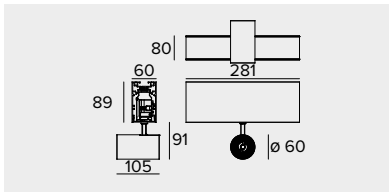
LOGICO System | Recessed with flange | Continuous light module | L. 1682mm
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2047lm to 8122lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 40W	80	ON-OFF	○	1T5471EL	1T5472EL
		DALI	○	1T5471DA	1T5472DA
	90	ON-OFF	○	1T5471EL90	1T5472EL90
		DALI	○	1T5471DA90	1T5472DA90
DOWN OPAL 81W	80	ON-OFF	○	1T5473EL	1T5474EL
		DALI	○	1T5473DA	1T5474DA
	90	ON-OFF	○	1T5473EL90	1T5474EL90
		DALI	○	1T5473DA90	1T5474DA90
DOWN UGR 27W	80	ON-OFF	○	1T5475EL	1T5476EL
		DALI	○	1T5475DA	1T5476DA
	90	ON-OFF	○	1T5475EL90	1T5476EL90
		DALI	○	1T5475DA90	1T5476DA90
DOWN WW 40W	80	ON-OFF	○	1T5477EL	1T5478EL
		DALI	○	1T5477DA	1T5478DA
	90	ON-OFF	○	1T5477EL90	1T5478EL90
		DALI	○	1T5477DA90	1T5478DA90
DOWN WW 81W	80	ON-OFF	○	1T5479EL	1T5480EL
		DALI	○	1T5479DA	1T5480DA
	90	ON-OFF	○	1T5479EL90	1T5480EL90
		DALI	○	1T5479DA90	1T5480DA90

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Related codes and accessory codes on page 271.

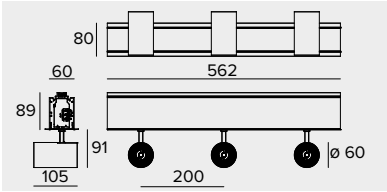
LOGICO System | Recessed with flange | Projector module Label 6 | 1x
 220-240Vac | Ra90 | Fixture flux 3000K from 1334lm to 1405lm



Optic	CRI	Driver	Colour	3000K	4000K
SP 16° 15W	90	ON-OFF	○	1T7257EL	1T7260EL
		DALI	○	1T7257DA	1T7260DA
FL 31° 15W	90	ON-OFF	○	1T7258EL	1T7261EL
		DALI	○	1T7258DA	1T7261DA
MWFL 48° 15W	90	ON-OFF	○	1T7259EL	1T7262EL
		DALI	○	1T7259DA	1T7262DA

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Related codes and accessory codes on page 271.

LOGICO System | Recessed with flange | Projector module Label 6 | 3x
 220-240Vac | Ra90 | Fixture flux 3000K from 4002lm to 4215lm



Optic	CRI	Driver	Colour	3000K	4000K
SP 16° 3x15W	90	ON-OFF	○	1T7269EL	1T7272EL
		DALI	○	1T7269DA	1T7272DA
FL 31° 3x15W	90	ON-OFF	○	1T7270EL	1T7273EL
		DALI	○	1T7270DA	1T7273DA
MWFL 48° 3x15W	90	ON-OFF	○	1T7271EL	1T7274EL
		DALI	○	1T7271DA	1T7274DA

Note Check mounting instructions to verify the quantity of DALI drivers installed.
 Related codes and accessory codes on page 271.

Related codes and accessories

LOGICO System - Recessed with flange

Related codes

End Caps

	Code
	1T5908
End caps for the recessed version with a flange. White. 2x	

Accessory codes

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: 6 for the 1682mm versions.	

Electrical Connector

	Code
	1T5911
Linear electrical connector. EL/DALI.	

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

CEILING, SUSPENSIONS AND WALL

Indoor

Ceiling-mounted, suspension and wall-mounted



**OZ
STAND ALONE**

274

UGR

5x Ceiling-mounted

UGR

3x Ceiling-mounted

**LOGICO EASY
STAND ALONE**

280

UGR

Ceiling-mounted
Suspension

OMEGA

334

Suspension

Wall-mounted

CCTEVO TUBE

292

UGR

Ø 180mm
Ceiling-mounted
Suspension
Wall-mounted

UGR

Ø 140mm
Ceiling-mounted
Suspension
Wall-mounted

LABEL 230

306

Ø 70mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 60mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 40mm
Ceiling-mounted
Suspension
Wall-mounted

THREESIXTY

318

Ø 1150mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 870mm
Ceiling-mounted
Suspension
Wall-mounted

UGR

Ø 590mm
Ceiling-mounted
Suspension
Wall-mounted

UGR

Ø 384mm
Ceiling-mounted
Suspension
Wall-mounted

ZENO

340

Ø 184mm
Wall-mounted

Ø 134mm
Wall-mounted

SLIM

344

Wall-mounted

HALL


















346

Wall-mounted

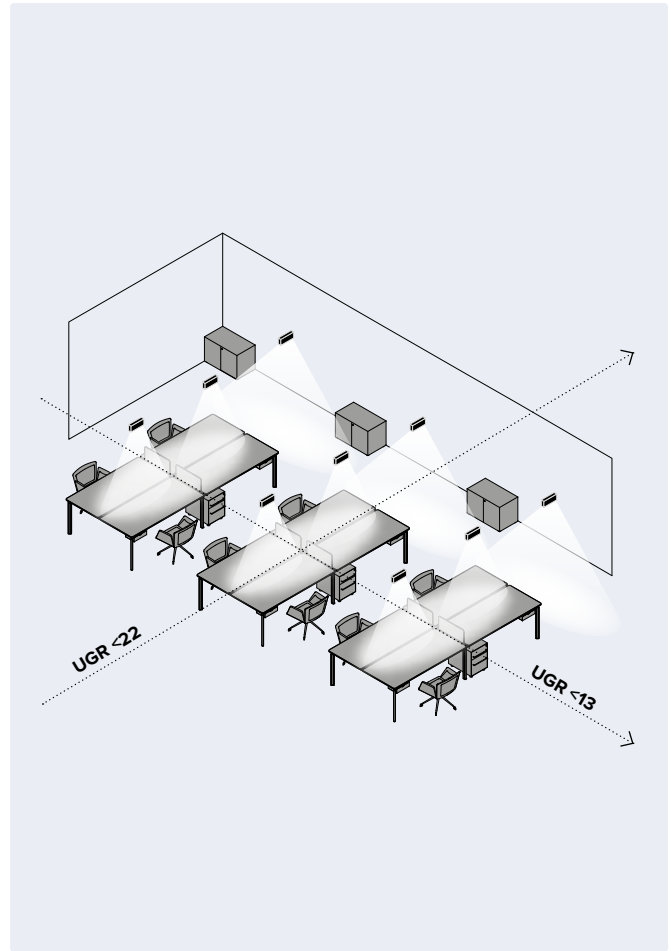
OZ STAND ALONE CEILING-MOUNTED



The OZ stand alone ceiling-mounted version provides downlight solutions inspired by the 48V system version. Available only in the Large size the OZ Stand Alone ceiling mounted range includes 3x and 5x multiple solutions in black and white finishes equipped with different optical systems. Also available in a recessed version.

							
Ceiling-mounted	Accent	Soft controlled	Elliptical	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE			
							
On-Off	Dali	Casambi	220-240V	900mA	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY		FINISH		
							
Emergency lighting							
ACCESSORY							

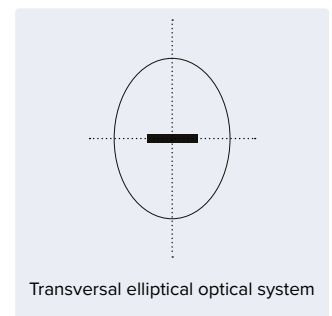
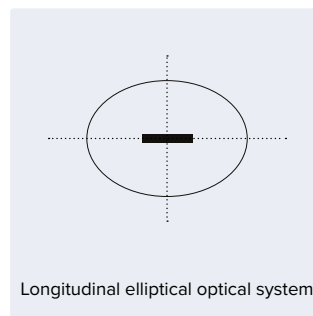




Elliptical optical systems to enhance particular spaces

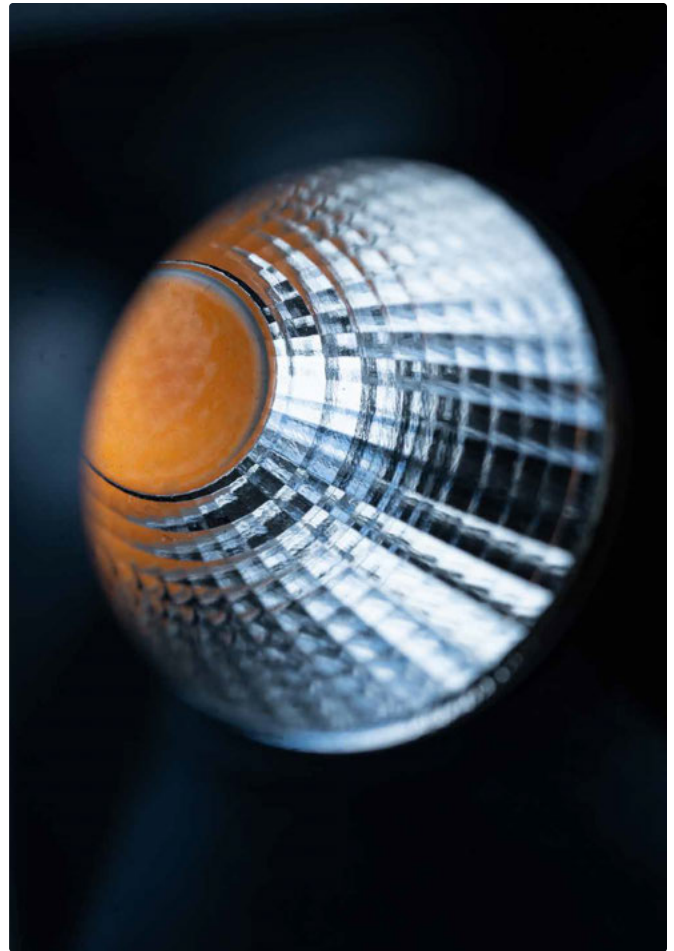
The OZ elliptical optical systems are suitable for lighting long, narrow spaces such as corridors, hallways and passageways, as well as specific work areas, even in the office environment (EN12464-1).[1] They are available in two different versions:

- Longitudinal elliptical optical system
- Transversal elliptical optical system



ELLIPTICAL OPTICAL SYSTEMS	UGR	
ELL longitudinal	UGR<13	UGR<22
ELT transversal	UGR<22	UGR<13

The optical systems in the OZ Stand Alone range are designed to provide precise solutions for every space. They have different effects for lighting spaces with different shapes and needs.

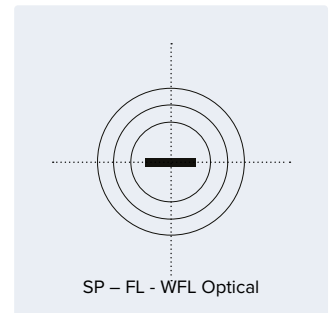
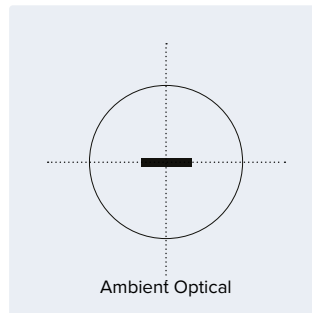


Ambient and controlled light roto-symmetrical

optical systems SP – FL – WFL

The OZ roto-symmetrical optical systems are suitable for lighting lounge areas, relaxation areas and all those environments where scenographic but highly controlled light is needed.

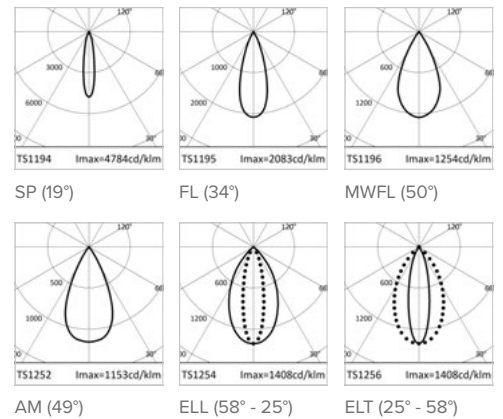
The Ambient versions are equipped with holographic filters that diffuse and soften the light.



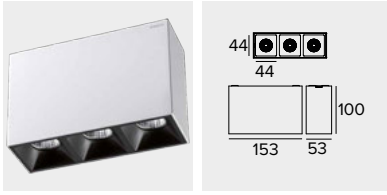
ROTO-SYMMETRICAL OPTICAL SYSTEMS	SMALL	LARGE
AM - Ambient	UGR<14,5	UGR<14,5
SP - Spot	UGR<13	UGR<17
FL - Flood	UGR<13	UGR<17
WFL - Wide Flood	UGR<13	UGR<17



OZ STAND ALONE CEILING-MOUNTED
 Up to 113lm/W
 From 1004lm to 3372lm
 2700K - 3000K - 3500K - 4000K
 Ra90

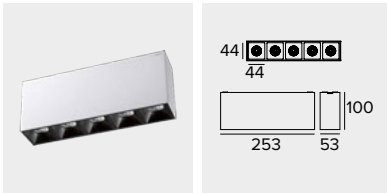


OZ Stand Alone | Ceiling Luminaire | Large 3x | 153x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 20W	ON-OFF	○	1T7890EL	1T7891EL	1T7892EL	1T7893EL
		●	1T7902EL	1T7903EL	1T7904EL	1T7905EL
	DALI	○	1T7890DA	1T7891DA	1T7892DA	1T7893DA
		●	1T7902DA	1T7903DA	1T7904DA	1T7905DA
FL 34° 19W	ON-OFF	○	1T7894EL	1T7895EL	1T7896EL	1T7897EL
		●	1T7906EL	1T7907EL	1T7908EL	1T7909EL
	DALI	○	1T7894DA	1T7895DA	1T7896DA	1T7897DA
		●	1T7906DA	1T7907DA	1T7908DA	1T7909DA
MWFL 50° 19W	ON-OFF	○	1T7898EL	1T7899EL	1T7900EL	1T7901EL
		●	1T7910EL	1T7911EL	1T7912EL	1T7913EL
	DALI	○	1T7898DA	1T7899DA	1T7900DA	1T7901DA
		●	1T7910DA	1T7911DA	1T7912DA	1T7913DA
AM 49° 19W	ON-OFF	○	1T8898EL	1T8899EL	1T8900EL	1T8901EL
		●	1T8910EL	1T8911EL	1T8912EL	1T8913EL
	DALI	○	1T8898DA	1T8899DA	1T8900DA	1T8901DA
		●	1T8910DA	1T8911DA	1T8912DA	1T8913DA
ELL 11W	ON-OFF	○	1T8902EL	1T8903EL	1T8904EL	1T8905EL
		●	1T8914EL	1T8915EL	1T8916EL	1T8917EL
	DALI	○	1T8902DA	1T8903DA	1T8904DA	1T8905DA
		●	1T8914DA	1T8915DA	1T8916DA	1T8917DA
ELT 11W	ON-OFF	○	1T8906EL	1T8907EL	1T8908EL	1T8909EL
		●	1T8918EL	1T8919EL	1T8936EL	1T8937EL
	DALI	○	1T8906DA	1T8907DA	1T8908DA	1T8909DA
		●	1T8918DA	1T8919DA	1T8936DA	1T8937DA

OZ Stand Alone | Ceiling Luminaire | Large 5x | 253x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm















Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 35W	ON-OFF	○	1T7914EL	1T7915EL	1T7916EL	1T7917EL
		●	1T7926EL	1T7927EL	1T7928EL	1T7929EL
	DALI	○	1T7914DA	1T7915DA	1T7916DA	1T7917DA
		●	1T7926DA	1T7927DA	1T7928DA	1T7929DA
FL 34° 33W	ON-OFF	○	1T7918EL	1T7919EL	1T7920EL	1T7921EL
		●	1T7930EL	1T7931EL	1T7932EL	1T7933EL
	DALI	○	1T7918DA	1T7919DA	1T7920DA	1T7921DA
		●	1T7930DA	1T7931DA	1T7932DA	1T7933DA
MWFL 50° 33W	ON-OFF	○	1T7922EL	1T7923EL	1T7924EL	1T7925EL
		●	1T7934EL	1T7935EL	1T7936EL	1T7937EL
	DALI	○	1T7922DA	1T7923DA	1T7924DA	1T7925DA
		●	1T7934DA	1T7935DA	1T7936DA	1T7937DA
AM 49° 33W	ON-OFF	○	1T8938EL	1T8939EL	1T8940EL	1T8941EL
		●	1T8950EL	1T8951EL	1T8952EL	1T8953EL
	DALI	○	1T8938DA	1T8939DA	1T8940DA	1T8941DA
		●	1T8950DA	1T8951DA	1T8952DA	1T8953DA
ELL 21W	ON-OFF	○	1T8942EL	1T8943EL	1T8944EL	1T8945EL
		●	1T8954EL	1T8955EL	1T8956EL	1T8957EL
	DALI	○	1T8942DA	1T8943DA	1T8944DA	1T8945DA
		●	1T8954DA	1T8955DA	1T8956DA	1T8957DA
ELT 21W	ON-OFF	○	1T8946EL	1T8947EL	1T8948EL	1T8949EL
		●	1T8958EL	1T8959EL	1T8960EL	1T8961EL
	DALI	○	1T8946DA	1T8947DA	1T8948DA	1T8949DA
		●	1T8958DA	1T8959DA	1T8960DA	1T8961DA

LOGICO EASY STAND ALONE



Stand Alone luminaires for office lighting and for spaces where it is important to provide the right lighting for visual tasks. Available in two lengths and in three different size - 37mm, 57mm, 100mm - with standard and high emission solutions, all with emergency package included.

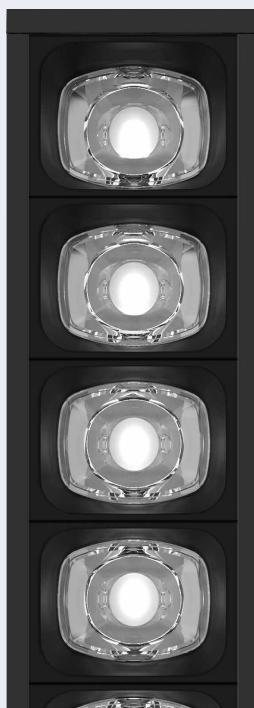
 Ceiling-mounted	 Suspension	 UGR For offices UGR	 Soft controlled
INSTALLATION		LIGHT	
 On-Off	 Dali	 Casambi	 220/240V
CONTROL		POWER SUPPLY	
 White	 Black	 Easy Custom Colours	
FINISH		ON REQUEST	
 IP40	3500K Tunable White DALI 2 control parts 251-252-253 DALI 2 Push Dim		
INSULATION CLASS	ON REQUEST		



Lenses with differentiated facets designed to focus the light on the work surface, minimising the risk of glare. They provide perfect luminance control while allowing for a large installation pitch.



LOGICO EASY 37
UGR <19
black: L65<200cd/m²
white: L65<1500cd/m²
(EN-12464)

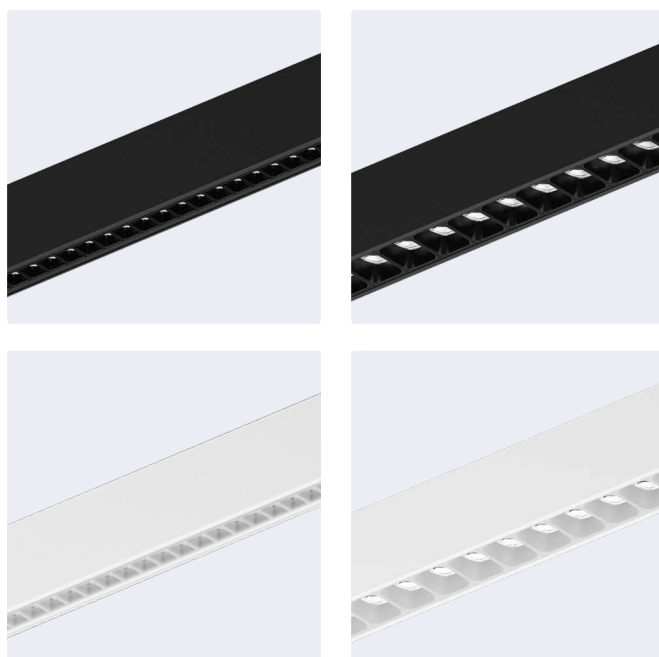


LOGICO EASY 57
UGR <16
L65<1500cd/m²
(EN-12464)

Cellular optical system
Modules with cellular optical systems are already complete with light units and optical systems.

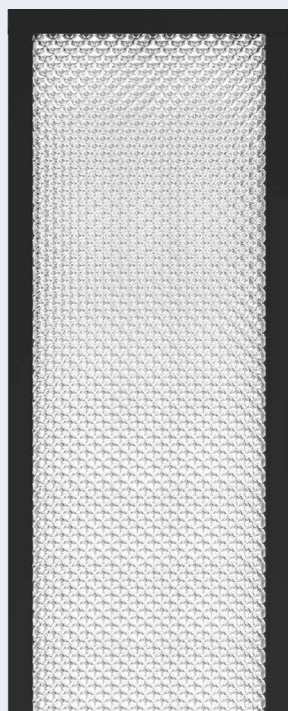
Optical systems

LOGICO Easy can be equipped with different optical systems making it possible to choose between controlled lighting suitable for lighting offices with video terminals and softer and more diffused lighting.



UGR Screen

The microprismatic PMMA UGR screen is designed for work areas and is ideal to guarantee visual comfort on worktops in compliance with EN-12464 regulation.



UGR<19
L65<3000cd/m²
(EN-12464)

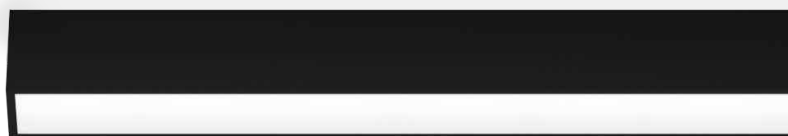
OPAL Screen

Suitable for environments where soft and diffused lighting is required for excellent visual comfort where the light source is shielded from view. It is ideal in areas such as meeting rooms, waiting rooms, lounge areas and passageways.

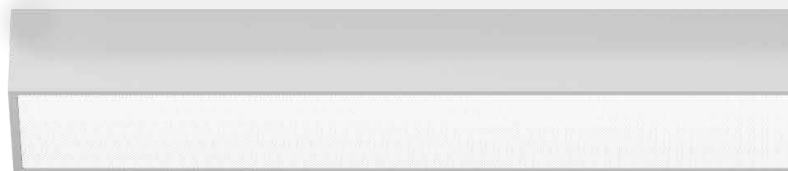
**Optical system with a diffuser screen**

Light units must be completed with one of the two screens. The flat screens are provided in unrollable reels and do not require visible joints up to a maximum length of 15 metres.

.....
LOGICO EASY
57mm



.....
LOGICO EASY
100mm



The ON-OFF control system allows for a single switch system with direct/indirect emission. The DALI 2 system on the other hand has separate switches to create different lighting scenes.



Ceiling-mounted installation
With a special accessory bracket that can be installed without the use of screws.



Suspension installation
With a bracket and a suspension cable which allows for adjustment of the installation height.

Power supply



DALI2
DALI2 control.
Independent direct/indirect switching with DALI system addressing



ON – OFF
ON-OFF electronic control
Single switch
*Double switching on request

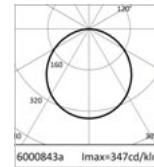


EMERGENCY
Devices available with integrated emergency (1h autonomy and 24h charging compliant with EN 60598-2-22)

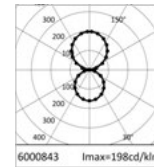


LOGICO EASY 37
 Up to 94lm/W
 From 2001lm to 8188lm
 3000K - 4000K
 Ra80 - Ra90

OPAL SCREEN



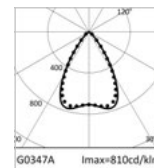
Down



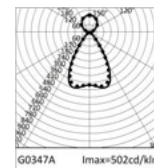
Up/Down

LOGICO EASY 37
 Up to 149lm/W
 From 2103lm to 8067lm
 3000K - 4000K
 Ra80 - Ra90

CELLULAR OPTICAL SYSTEM



Down

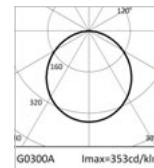


Up/Down

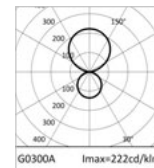


LOGICO EASY 57
 Up to 102lm/W
 From 2210lm to 9578lm
 3000K - 4000K
 Ra80 - Ra90

OPAL SCREEN



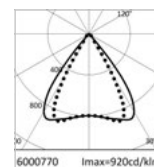
Down



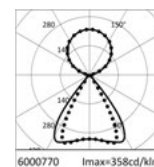
Up/Down

LOGICO EASY 57
 Up to 110lm/W
 From 1639lm to 8243lm
 3000K - 4000K
 Ra80 - Ra90

UGR SCREEN



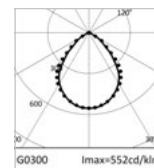
Down



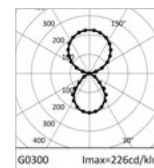
Up/Down

LOGICO EASY 57
 Up to 134lm/W
 From 1601lm to 8802lm
 3000K - 4000K
 Ra80 - Ra90

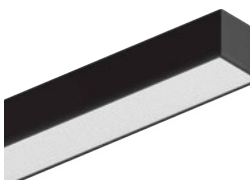
CELLULAR OPTICAL SYSTEM



Down

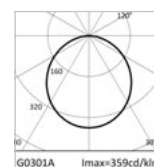


Up/Down

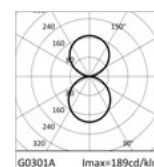


LOGICO EASY 100
 Up to 112lm/W
 From 3091lm to 11073lm
 3000K - 4000K
 Ra80 - Ra90

UGR SCREEN



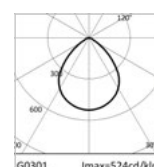
Down



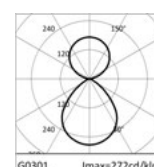
Up/Down

LOGICO EASY 100
 Up to 106lm/W
 From 3670lm to 12605lm
 3000K - 4000K
 Ra80 - Ra90

OPAL SCREEN



Down



Up/Down

OPTICAL SYSTEMS

All light modules can be supplied in a double version with direct emission or direct/indirect emission.

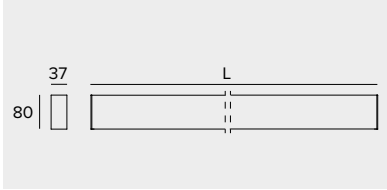
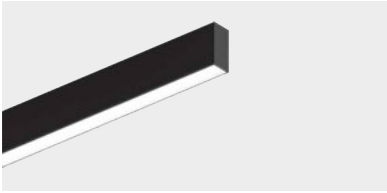
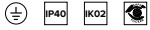
In all versions with direct/indirect light, the indirect emission is equipped with a translucent polycarbonate upper diffuser screen.

Model	Cellular UGR 16	Cellular UGR 19	UGR 19 Screen	OPAL Screen
LOGICO EASY 37		●		●
LOGICO EASY 57	●		●	●
LOGICO EASY 100			●	●

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

LOGICO EASY Stand Alone 37 | OPAL

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2001lm to 8188lm

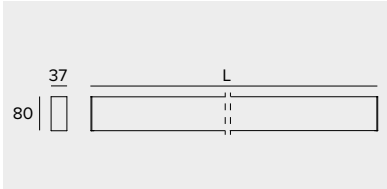


Product	Version	Ra+K	Driver	Colour
T017	MY Direct - 1462mm - 29W - 2478lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2340mm - 47W - 3963lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1462mm - 57W - 5167lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 94W - 8188lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Accessory codes on page 290.

LOGICO EASY Stand Alone 37 | UGR19

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2103lm to 8067lm

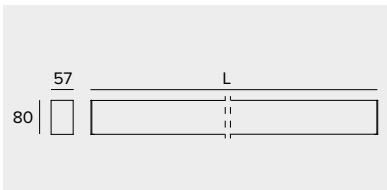
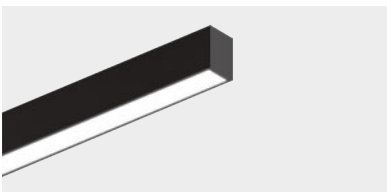


Product	Version	Ra+K	Driver	Colour
T018	MY Direct - 1404mm - 23W - 3124lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2243mm - 35W - 4999lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1404mm - 46W - 5232lm	930 Ra90 3000K		
	BX Dir + Ind - 2243mm - 68W - 8067lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Accessory codes on page 290.

LOGICO EASY Stand Alone 57 | OPAL HO

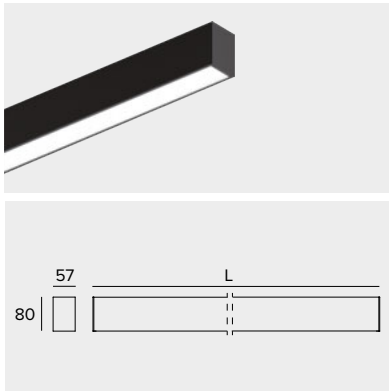
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2210lm to 9578lm



Product	Version	Ra+K	Driver	Colour
T019	MY Direct - 1462mm - 33W - 2738lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2340mm - 55W - 4380lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1462mm - 62W - 6046lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 101W - 9578lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Accessory codes on page 290.

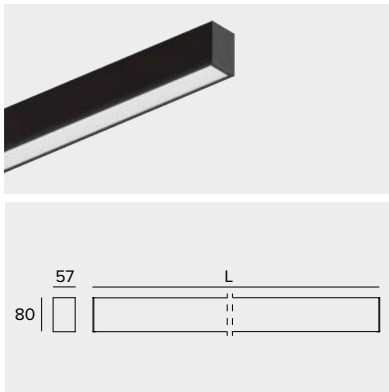
LOGICO EASY Stand Alone 57 | OPAL HO | Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2210lm to 9578lm



Product	Version	Ra+K	Driver	Colour
T020	MY Direct - 1462mm - 34W - 2738lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2340mm - 56W - 4380lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	BY Dir + Ind - 1462mm - 63W - 6046lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 102W - 9578lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Accessory codes on page 290.

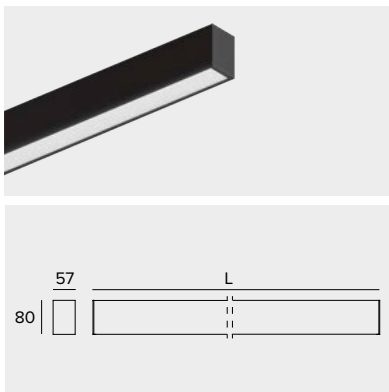
LOGICO EASY Stand Alone 57 | UGR19
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1639lm to 8243lm



Product	Version	Ra+K	Driver	Colour
T021	MY Direct - 1462mm - 23W - 2030lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2340mm - 33W - 3045lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1462mm - 52W - 5338lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 78W - 8243lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Accessory codes on page 290.

LOGICO EASY Stand Alone 57 | UGR19 | Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1639lm to 8243lm

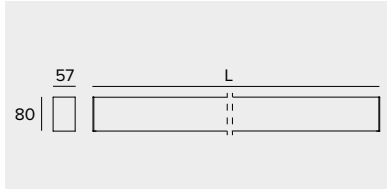
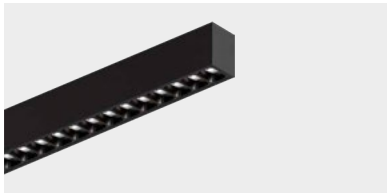


Product	Version	Ra+K	Driver	Colour
T022	MY Direct - 1462mm - 24W - 2030lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2340mm - 34W - 3045lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	BY Dir + Ind - 1462mm - 53W - 5338lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 79W - 8243lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Accessory codes on page 290.

LOGICO EASY Stand Alone 57 | UGR16

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1601lm to 8802lm

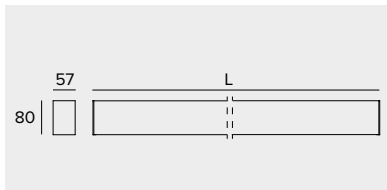


Product	Version	Ra+K	Driver	Colour
T029	MY Direct - 1472mm - 18W - 2143lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2352mm - 27W - 3471lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1472mm - 47W - 5536lm	930 Ra90 3000K		
	BX Dir + Ind - 2352mm - 71W - 8802lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Accessory codes on page 290.

LOGICO EASY Stand Alone 57 | UGR16 | Emergency

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1601lm to 8802lm

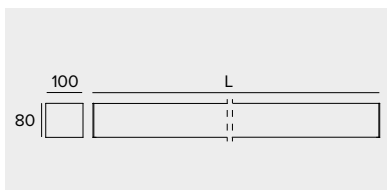


Product	Version	Ra+K	Driver	Colour
T030	MY Direct - 1472mm - 19W - 2143lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2352mm - 28W - 3471lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	BY Dir + Ind - 1472mm - 48W - 5536lm	930 Ra90 3000K		
	BX Dir + Ind - 2352mm - 72W - 8802lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Accessory codes on page 290.

LOGICO EASY Stand Alone 100 | OPAL HO

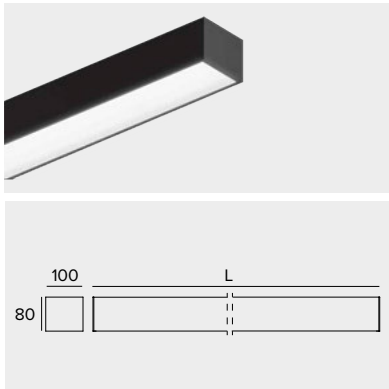
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3670lm to 12605lm



Product	Version	Ra+K	Driver	Colour
T023	MY Direct - 1462mm - 49W - 4547lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2340mm - 82W - 7274lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1462mm - 78W - 7940lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 127W - 12605lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions. Flux values of direct+indirect versions refer to the total emission of the fixture. Accessory codes on page 291.

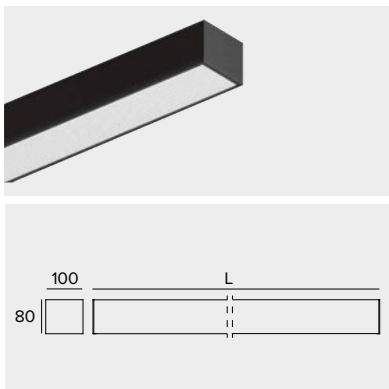
LOGICO EASY Stand Alone 100 | OPAL HO | Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3670lm to 12605lm



Product	Version	Ra+K	Driver	Colour
T024	MY Direct - 1462mm - 50W - 4547lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2340mm - 83W - 7274lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	BY Dir + Ind - 1462mm - 79W - 7940lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 128W - 12605lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Accessory codes on page 291.

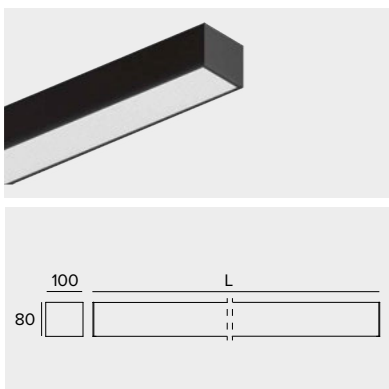
LOGICO EASY Stand Alone 100 | UGR19
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3091lm to 11073lm



Product	Version	Ra+K	Driver	Colour
T025	MY Direct - 1462mm - 39W - 3828lm	830 Ra80 3000K	EL ON-OFF	PW ○
	MX Direct - 2340mm - 58W - 5742lm	840 Ra80 4000K	D2 DALI2	DB ●
	BY Dir + Ind - 1462mm - 68W - 7221lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 103W - 11073lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Accessory codes on page 291.

LOGICO EASY Stand Alone 100 | UGR19 | Emergency
 220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3091lm to 11073lm



Product	Version	Ra+K	Driver	Colour
T026	MY Direct - 1462mm - 40W - 3828lm	830 Ra80 3000K	EL ON-OFF EM.	PW ○
	MX Direct - 2340mm - 59W - 5742lm	840 Ra80 4000K	D2 DALI2 EM.	DB ●
	BY Dir + Ind - 1462mm - 69W - 7221lm	930 Ra90 3000K		
	BX Dir + Ind - 2340mm - 104W - 11073lm	940 Ra90 4000K		

Note Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
 Flux values of direct+indirect versions refer to the total emission of the fixture.
 Accessory codes on page 291.

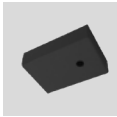


Accessory codes

LOGICO EASY Stand Alone 37


Bracket

	Code		Code
	A006S		A007S
Bracket for ceiling installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 37.		Bracket with adjustment system for suspended installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 37.	

Canopy

	Colour	Code
		A004B
		A004W
Canopy with 5 poles terminal block. Feeding cable not included.		

Suspension

	Version	Code
	L=60m	A008T
	L=5m	A008U
	L=4m	A008V
	L=3m	A008W
	L=2m	A008X
	L=1m	A008Y
	L=0,5m	A008Z
Suspension cable (2 pieces).		




Accessory codes

LOGICO EASY Stand Alone 57


Bracket

	Code		Code
	A006M		A007M
Bracket for ceiling installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 57.		Bracket with adjustment system for suspended installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 57.	

Canopy

	Colour	Code
		A004B
		A004W
Canopy with 5 poles terminal block. Feeding cable not included.		

Suspension

	Version	Code
	L=6m	A008T
	L=5m	A008U
	L=4m	A008V
	L=3m	A008W
	L=2m	A008X
	L=1m	A008Y
	L=0,5m	A008Z
Suspension cable (2 pieces).		

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page {{672}}.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page {{672}}.	

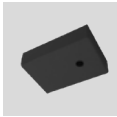


Accessory codes

LOGICO EASY Stand Alone 100


Bracket

	Code		Code
	A006L		A007L
Bracket for ceiling installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 100.		Bracket with adjustment system for suspended installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 100.	

Canopy

	Colour	Code
		A004B
		A004W
Canopy with 5 poles terminal block. Feeding cable not included.		

Suspension

	Version	Code
	L=6m	A008T
	L=5m	A008U
	L=4m	A008V
	L=3m	A008W
	L=2m	A008X
	L=1m	A008Y
	L=0,5m	A008Z
Suspension cable (2 pieces).		


















Control systems

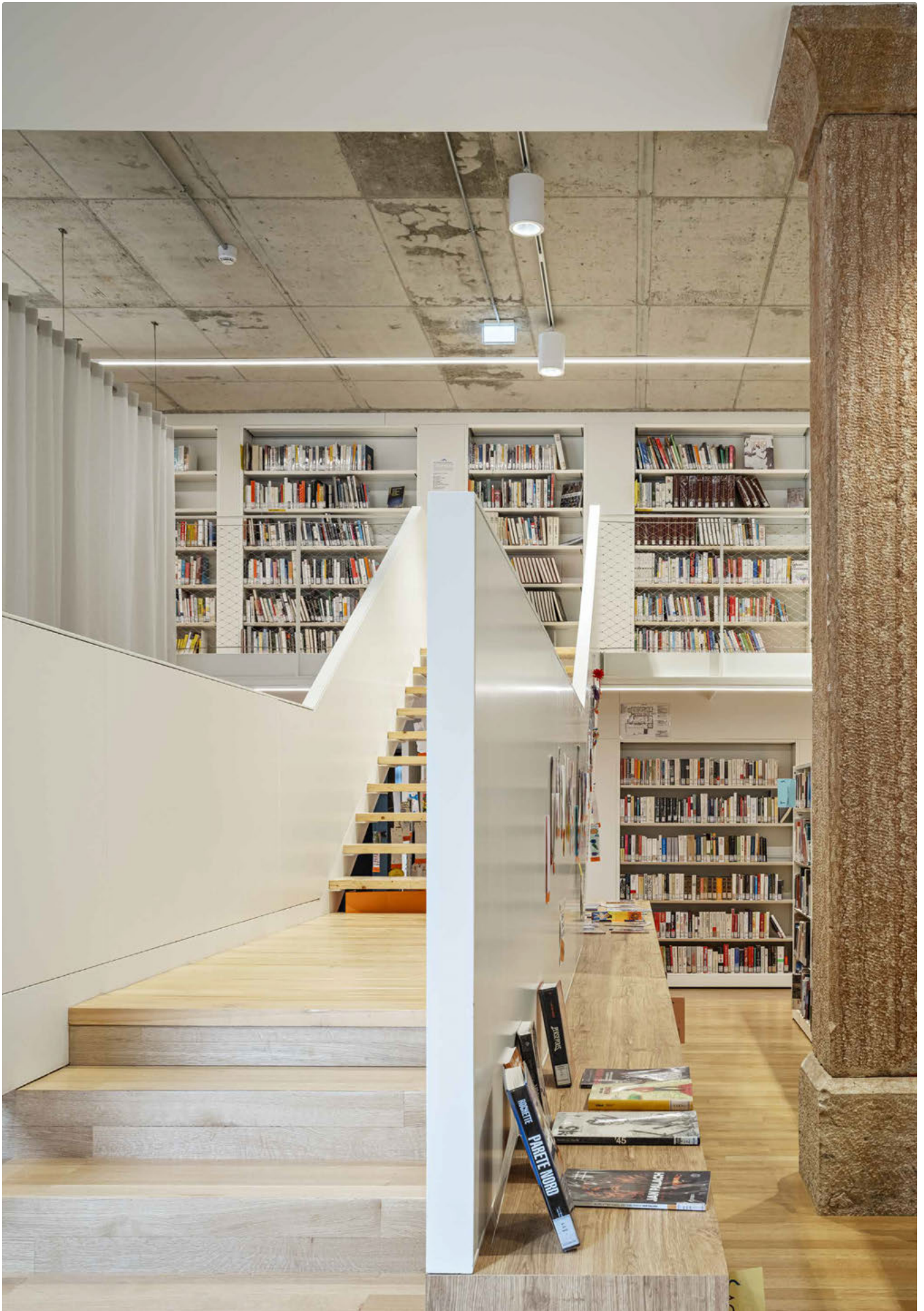
	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page {{672}}.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page {{672}}.	

CCTEVO TUBE



The Tube versions of CCTEvo are real downlights for surface, ceiling-mounted and wall-mounted installations. They are fitted with the same optics as the recessed version and are suitable for general office lighting thanks to the UGR optic, as well as common areas, stairwells, entrances and residential areas thanks to the VWFL optic that makes it possible to have a soft yet controlled lighting effect.

									
Ceiling-mounted	Suspension	Wall-mounted	Track	UGR	Soft controlled	2700K	3000K	3500K	4000K
INSTALLATION				LIGHT		COLOUR TEMPERATURE			
									
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours			
CONTROL			POWER SUPPLY	FINISH					



SPECIAL OPTICAL SYSTEMS FOR OFFICE AREAS AND COMMON SPACES

They can be fitted with two different optics:

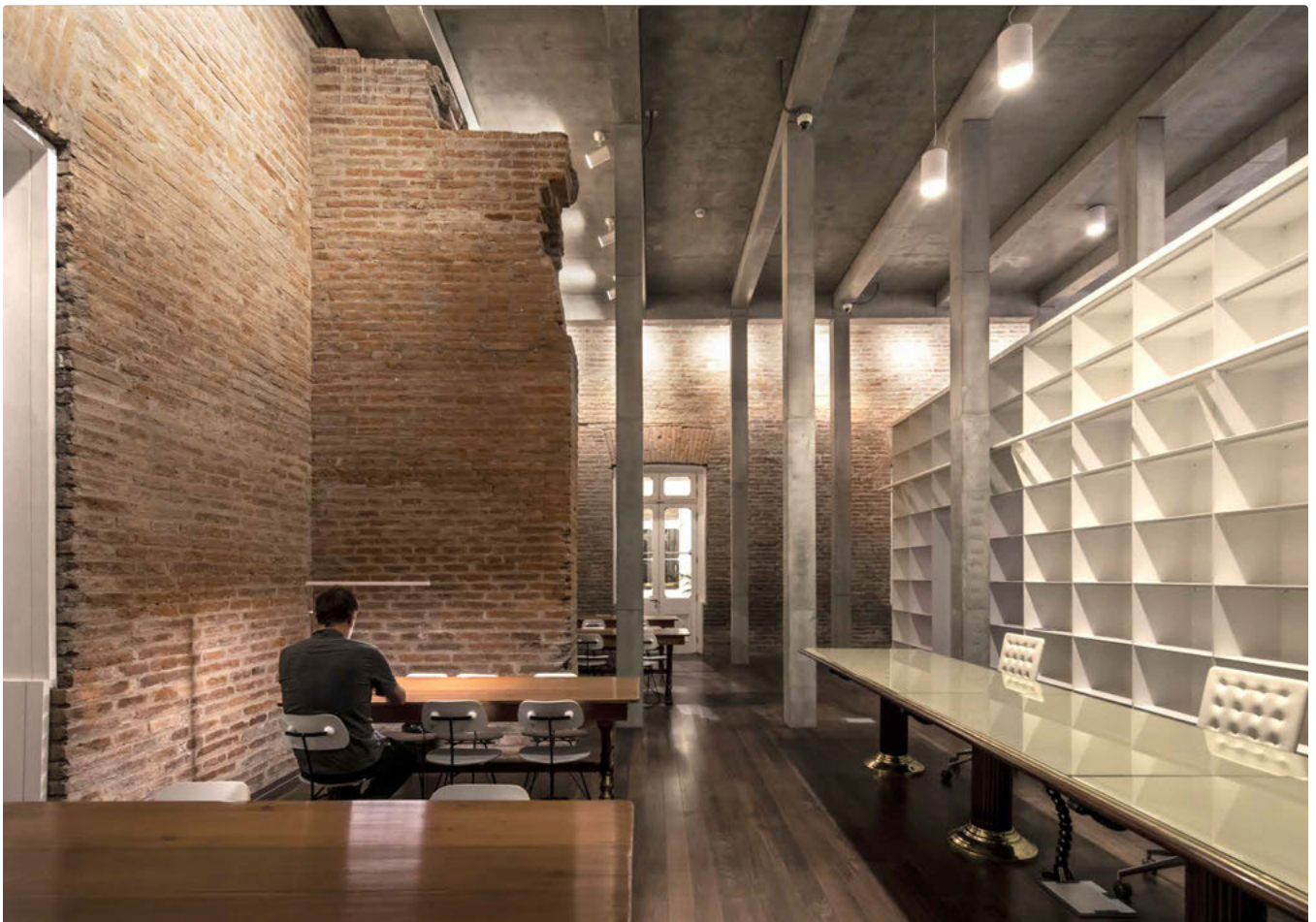
- Wide Flood (UGR) with a deep low luminance reflector for elevated visual comfort (UGR<19 and L65<1000 cd/m² - EN 12464-1)
- Very Wide Flood for wide coverage and great lighting uniformity.



Installation versatility

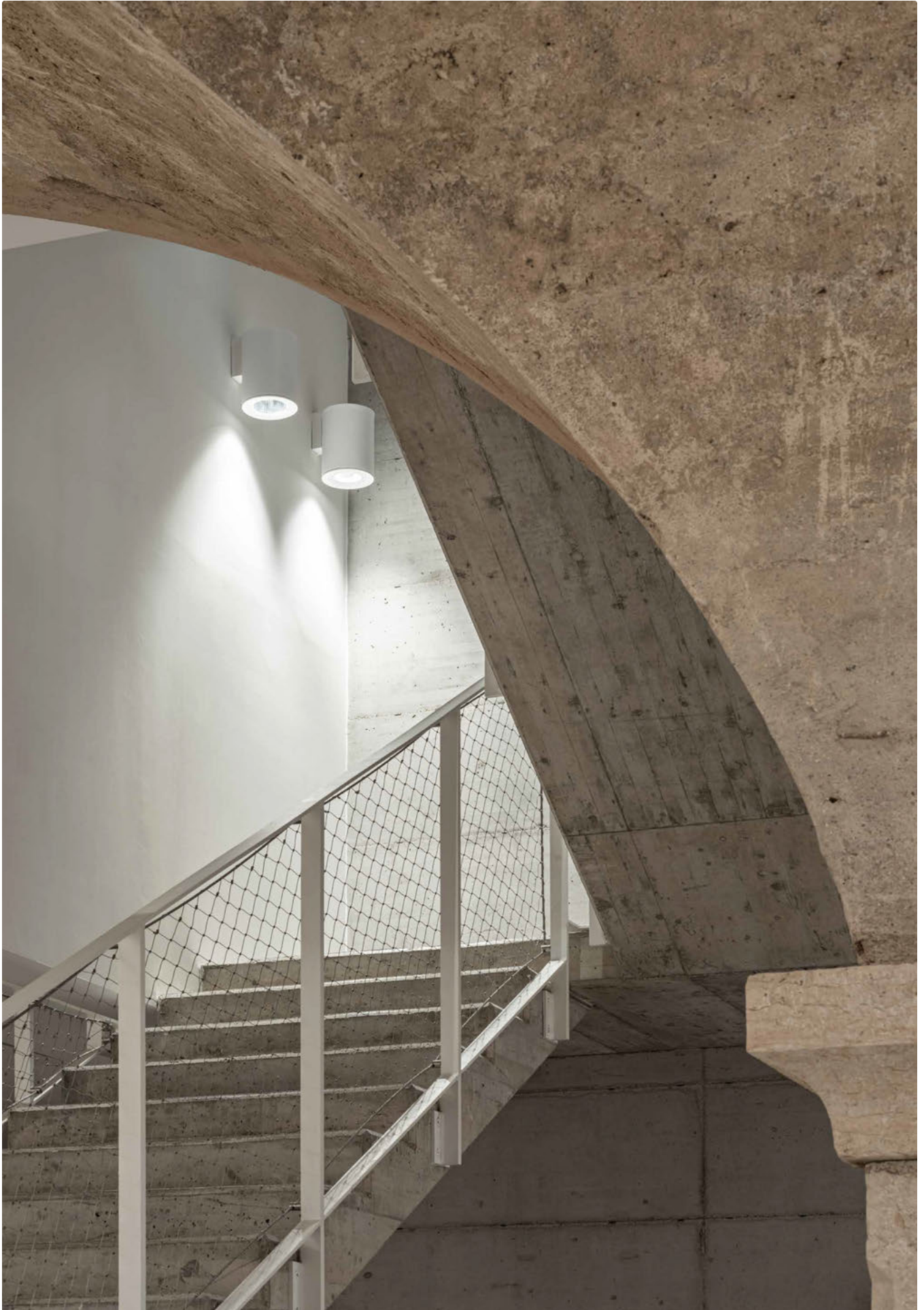
The light units must be accessorised with a fixing kit (ceiling-mounted, suspension, track) based on the type of installation required.

Two diameters available, 140mm and 180mm, in two different finishes, black or white. The different fixing systems make it possible to install the fixture on the ceiling, both ceiling-mounted and suspension, wall-mounted or on track.





The wall-mounted fixtures are already equipped with a fixing system and are available with direct or direct/indirect emission with a soft controlled Wide Flood emission. They are ideal for lighting stairwells, elevator landing areas, large corridors or double-height spaces.



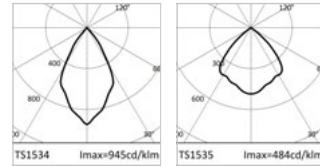








Ø180
 Up to 119lm/W
 From 2264lm to 2477lm
 2700K - 3000K - 3500K - 4000K
 Ra90

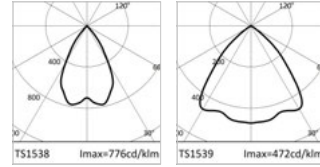


WFL (UGR) 58°

VWFL 88°



Ø140
 Up to 120lm/W
 From 1272lm to 1477lm
 2700K - 3000K - 3500K - 4000K
 Ra90

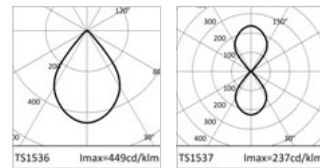


WFL (UGR) 61°

VWFL 87°



Ø180 WALL
 Up to 85lm/W
 From 1723lm to 3512lm
 2700K - 3000K - 3500K - 4000K
 Ra90

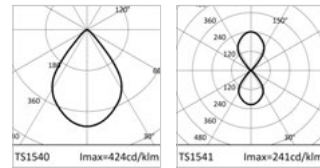


Direct
 VWFL 75°

Direct/Indirect
 VWFL 75°



Ø140 WALL
 Up to 78lm/W
 From 938lm to 1922lm
 2700K - 3000K - 3500K - 4000K
 Ra90

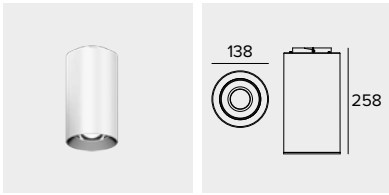


Direct
 VWFL 75°

Direct/Indirect
 VWFL 72°

CCTEVO TUBE 140 WFL (UGR)

230Vac 50Hz | Ra90 | Fixture flux 3000K 1272lm

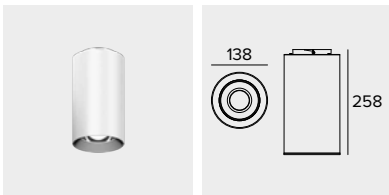


Optic	Driver	Colour	2700K	3000K	3500K	4000K
WFL (UGR) 61° 13W	ON-OFF	○	1T9714EL	1T9715EL	1T9716EL	1T9717EL
		●	1T9722EL	1T9723EL	1T9724EL	1T9725EL
	DALI	○	1T9714DA	1T9715DA	1T9716DA	1T9717DA
		●	1T9722DA	1T9723DA	1T9724DA	1T9725DA

Note Related codes and accessory codes on page 303.

CCTEVO TUBE 140 VWFL

230Vac 50Hz | Ra90 | Fixture flux 3000K 1477lm

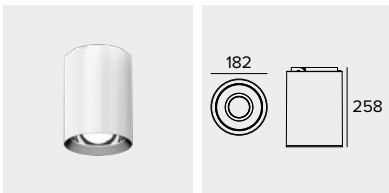


Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 87° 13W	ON-OFF	○	1T9718EL	1T9719EL	1T9720EL	1T9721EL
		●	1T9726EL	1T9727EL	1T9728EL	1T9729EL
	DALI	○	1T9718DA	1T9719DA	1T9720DA	1T9721DA
		●	1T9726DA	1T9727DA	1T9728DA	1T9729DA

Note Related codes and accessory codes on page 303.

CCTEVO TUBE 180 WFL (UGR)

230Vac 50Hz | Ra90 | Fixture flux 3000K 2264lm

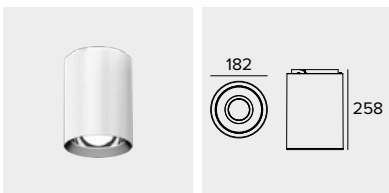


Optic	Driver	Colour	2700K	3000K	3500K	4000K
WFL (UGR) 58° 22W	ON-OFF	○	1T9671EL	1T9672EL	1T9673EL	1T9674EL
		●	1T9679EL	1T9680EL	1T9681EL	1T9682EL
	DALI	○	1T9671DA	1T9672DA	1T9673DA	1T9674DA
		●	1T9679DA	1T9680DA	1T9681DA	1T9682DA

Note Related codes and accessory codes on page 303.

CCTEVO TUBE 180 VWFL

230Vac 50Hz | Ra90 | Fixture flux 3000K 2477lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 88° 22W	ON-OFF	○	1T9675EL	1T9676EL	1T9677EL	1T9678EL
		●	1T9683EL	1T9684EL	1T9685EL	1T9686EL
	DALI	○	1T9675DA	1T9676DA	1T9677DA	1T9678DA
		●	1T9683DA	1T9684DA	1T9685DA	1T9686DA


Note Related codes and accessory codes on page 303.

Related codes and accessories

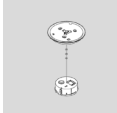
CCTEVO TUBE 140

Related codes

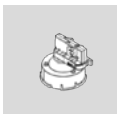
Mounting System

	Colour	Code
	○	1T9734
	●	1T9735


Ceiling mounting kit.
For CCTEVO Tube 140.

	L mm	Driver	Colour	Code
	2000	ON-OFF	○	1T9736EL
	2000	ON-OFF	●	1T9737EL
	2000	DALI	○	1T9736DA
	2000	DALI	●	1T9737DA

Suspension kit.
For CCTEVO Tube 140.

	Driver	Colour	Code
	ON-OFF	○	1T9730EL
	ON-OFF	●	1T9731EL
	DALI	○	1T9730DA
	DALI	●	1T9731DA

Kit for track installation.
For CCTEVO Tube 140.

	L mm	Driver	Colour	Code
	2000	ON-OFF	○	1T9732EL
	2000	ON-OFF	●	1T9733EL
	2000	DALI	○	1T9732DA
	2000	DALI	●	1T9733DA


Track suspension kit.
For CCTEVO Tube 140.

Related codes and accessories

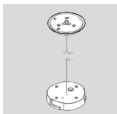
CCTEVO TUBE 180

Related codes

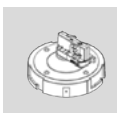
Mounting System

	Colour	Code
	○	1T9691
	●	1T9692

Ceiling mounting kit.
For CCTEVO Tube 180.

	L mm	Driver	Colour	Code
	2000	ON-OFF	○	1T9693EL
	2000	ON-OFF	●	1T9694EL
	2000	DALI	○	1T9693DA
	2000	DALI	●	1T9694DA

Suspension kit.
For CCTEVO Tube 180.

	Driver	Colour	Code
	ON-OFF	○	1T9687EL
	ON-OFF	●	1T9688EL
	DALI	○	1T9687DA
	DALI	●	1T9688DA

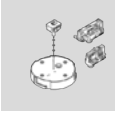
Kit for track installation.
For CCTEVO Tube 180.

Related codes and accessories

CCTEVO TUBE 180

Related codes

Mounting System

	L mm	Driver	Colour	Code
	2000	ON-OFF	○	1T9689EL
	2000	ON-OFF	●	1T9690EL
	2000	DALI	○	1T9689DA
	2000	DALI	●	1T9690DA

Track suspension kit.
For CCTEVO Tube 180.

Related codes and accessories

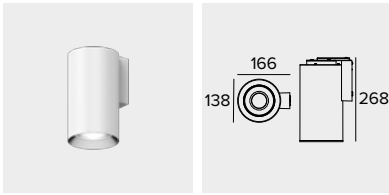
CCTEVO TUBE | Codes compatible with the whole range

Accessory codes

Control systems

	Code		Code
	1T5349		2T0131
	IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.

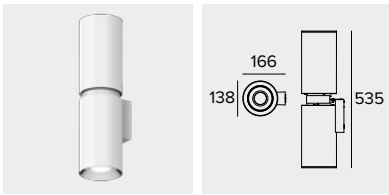
CCTEVO TUBE 140 Wall | Direct
230Vac 50Hz | Ra90 | Fixture flux 3000K 938lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 75° 13W	ON-OFF	○	1T9740EL	1T9741EL	1T9742EL	1T9743EL
		●	1T9744EL	1T9745EL	1T9746EL	1T9747EL
	DALI	○	1T9740DA	1T9741DA	1T9742DA	1T9743DA
		●	1T9744DA	1T9745DA	1T9746DA	1T9747DA

Note Accessory codes on page 305.

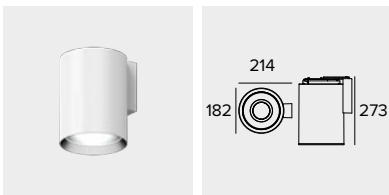
CCTEVO TUBE 140 Wall | Direct/Indirect
230Vac 50Hz | Ra90 | Fixture flux 3000K 1922lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 72° 26W	ON-OFF	○	1T9748EL	1T9749EL	1T9750EL	1T9751EL
		●	1T9752EL	1T9753EL	1T9754EL	1T9755EL
	DALI	○	1T9748DA	1T9749DA	1T9750DA	1T9751DA
		●	1T9752DA	1T9753DA	1T9754DA	1T9755DA

Note Accessory codes on page 305.

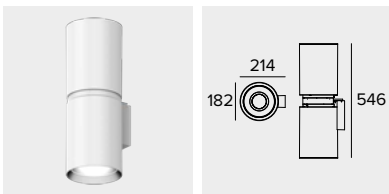
CCTEVO TUBE 180 Wall | Direct
230Vac 50Hz | Ra90 | Fixture flux 3000K 1723lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 75° 22W	ON-OFF	○	1T9697EL	1T9698EL	1T9699EL	1T9700EL
		●	1T9701EL	1T9702EL	1T9703EL	1T9704EL
	DALI	○	1T9697DA	1T9698DA	1T9699DA	1T9700DA
		●	1T9701DA	1T9702DA	1T9703DA	1T9704DA

Note Accessory codes on page 305.

CCTEVO TUBE 180 Wall | Direct/Indirect
230Vac 50Hz | Ra90 | Fixture flux 3000K 3512lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 75° 44W	ON-OFF	○	1T9705EL	1T9706EL	1T9707EL	1T9708EL
		●	1T9709EL	1T9710EL	1T9711EL	1T9712EL
	DALI	○	1T9705DA	1T9706DA	1T9707DA	1T9708DA
		●	1T9709DA	1T9710DA	1T9711DA	1T9712DA

Note Accessory codes on page 305.

Accessory codes

CCTEVO TUBE | Codes compatible with the whole range















Control systems

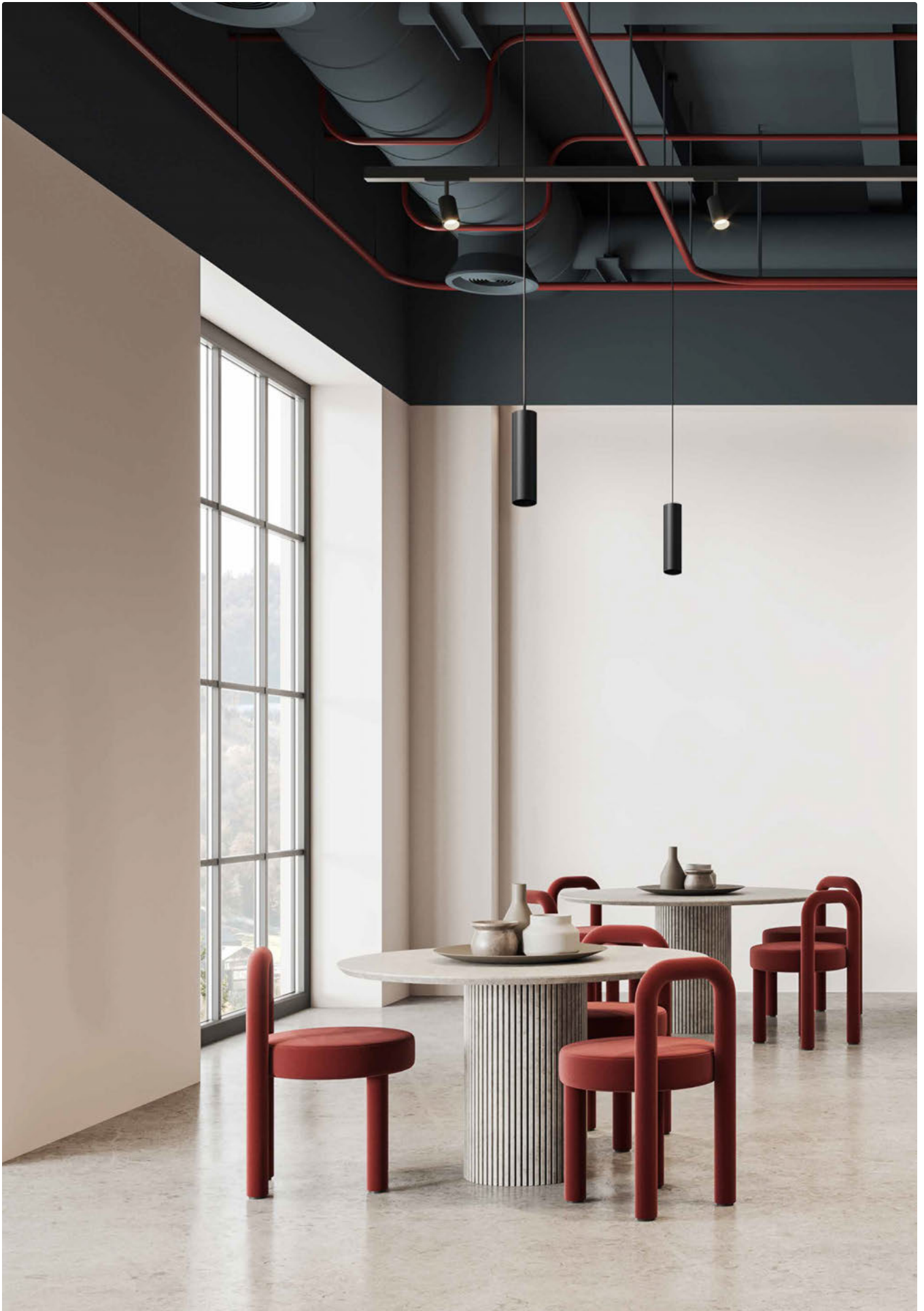
	Code		Code
	1T5349		2T0131
	IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.

LABEL CEILING | SUSPENSION | WALL



The ceiling-mounted, suspension and wall-mounted LABEL solutions are designed to provide professional lighting with a simple design yet with careful attention to detail. The technology, optical systems and design are the same as the track version, to meet different application needs with a coordinated range.

						
Ceiling-mounted	Suspension	Wall-mounted	Accent	Soft controlled	3000K	4000K
INSTALLATION			LIGHT		COLOUR TEMPERATURE	
						
On-Off	Dali	Casambi	220-240V	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY		FINISH	





Suspension

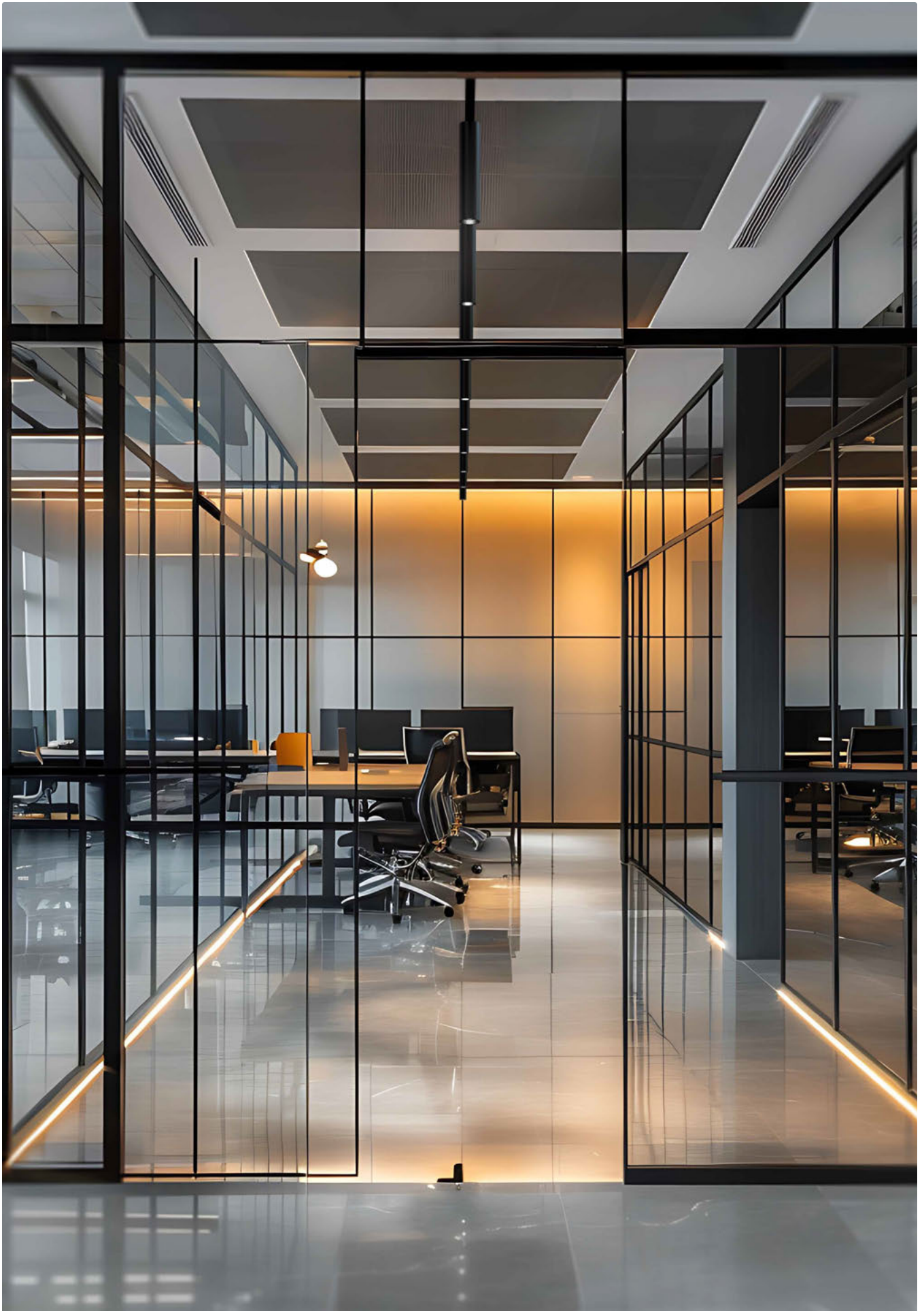
The suspension versions have a power/suspension cable in the same colour as the body which can be easily cut to size. On the ceiling there is a small canopy where the wiring can be fitted easily.

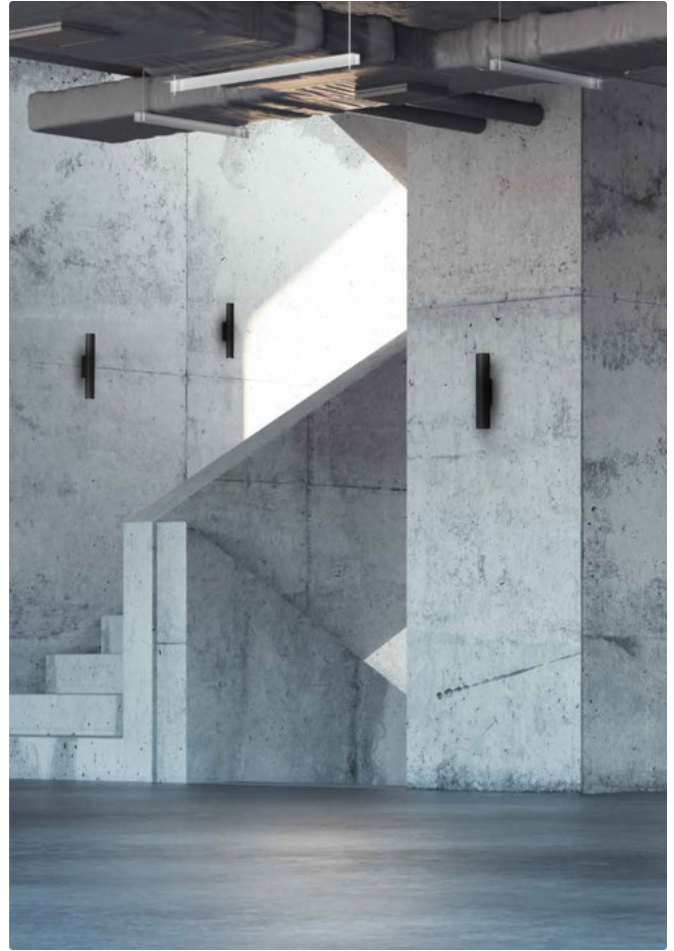


Ceiling-mounted

The ceiling-mounted versions are easy to install. The fixing bracket is fixed to the ceiling where the wiring can be fitted easily and then the fixture is attached to it with two very small screws in the same colour. Everything is neat and tidy.

The ceiling-mounted, suspension and wall-mounted Label range is ideal for lighting stairwells, corridors, lounge areas, hotel rooms and anywhere the combination of aesthetic quality and lighting effect quality are needed.





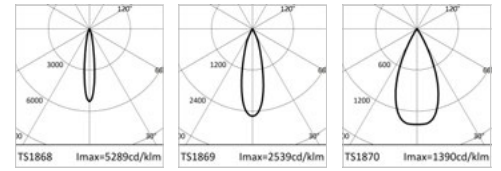
Wall-mounted

Wall-mounted Label fixtures create scenographic grazing lighting effects that are functional at the same time. They can be mono-emission that can be installed both upwards and downwards, or bi-emission for environments where it is important to tone down the shadows on the visual task by also lightening the ceiling.

The entire Label range is equipped with reflector optical systems, available with different beam openings to have a wide range of choices based on the desired atmosphere and the installation height.



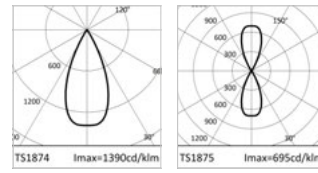
LABEL 7
Up to 107lm/W
From 965lm to 2311lm
3000K - 4000K
Ra90



SP 16°

FL 27°

MWFL 46°

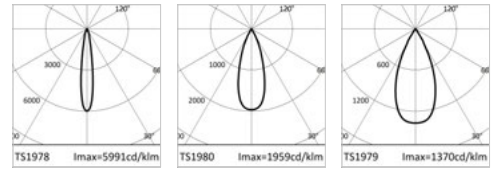


Direct
MWFL 46°

Direct/Indirect
MWFL 46°



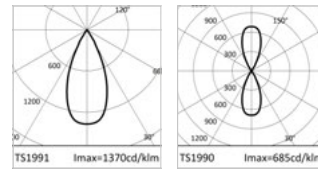
LABEL 6
Up to 103lm/W
From 865lm to 1757lm
3000K - 4000K
Ra90



SP 16°

FL 35°

MWFL 45°

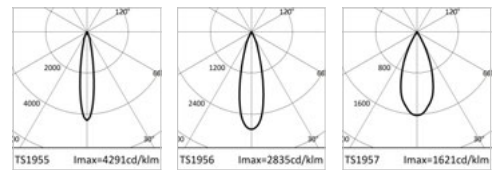


Direct
MWFL 45°

Direct/Indirect
MWFL 45°



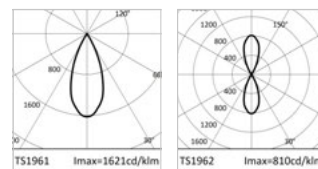
LABEL 4
Up to 105lm/W
From 563lm to 1450lm
3000K - 4000K
Ra90



SP 18°

FL 27°

MWFL 42°



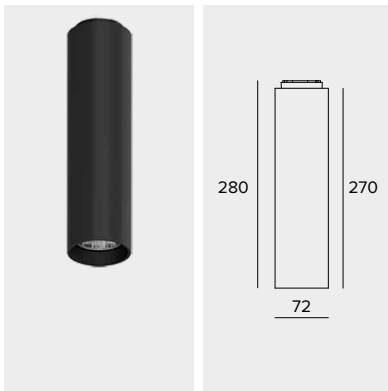
Direct
MWFL 42°

Direct/Indirect
MWFL 42°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

LABEL 7 | Ceiling

220-240Vac | Ra90 | Fixture flux 3000K from 965lm to 1156lm

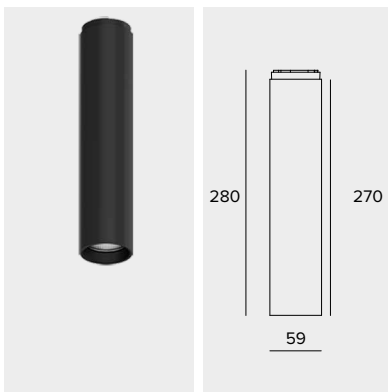


Optic	Driver	Colour	3000K	4000K
SP 16° 12W	ON-OFF	○	1T9756EL	1T9757EL
		●	1T9762EL	1T9763EL
	DALI	○	1T9756DA	1T9757DA
		●	1T9762DA	1T9763DA
FL 27° 12W	ON-OFF	○	1T9758EL	1T9759EL
		●	1T9764EL	1T9765EL
	DALI	○	1T9758DA	1T9759DA
		●	1T9764DA	1T9765DA
MWFL 46° 12W	ON-OFF	○	1T9760EL	1T9761EL
		●	1T9766EL	1T9767EL
	DALI	○	1T9760DA	1T9761DA
		●	1T9766DA	1T9767DA

Note Accessory codes on page 313.

LABEL 6 | Ceiling

220-240Vac | Ra90 | Fixture flux 3000K from 865lm to 879lm

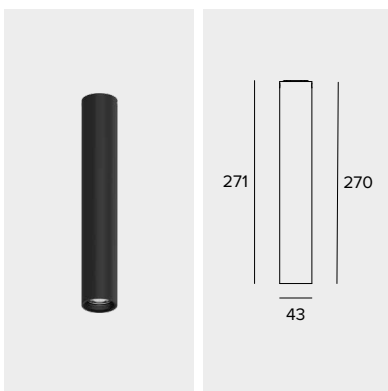


Optic	Driver	Colour	3000K	4000K
SP 16° 10W	ON-OFF	○	1T9768EL	1T9769EL
		●	1T9774EL	1T9775EL
	DALI	○	1T9768DA	1T9769DA
		●	1T9774DA	1T9775DA
FL 35° 10W	ON-OFF	○	1T9770EL	1T9771EL
		●	1T9776EL	1T9777EL
	DALI	○	1T9770DA	1T9771DA
		●	1T9776DA	1T9777DA
MWFL 45° 10W	ON-OFF	○	1T9772EL	1T9773EL
		●	1T9778EL	1T9779EL
	DALI	○	1T9772DA	1T9773DA
		●	1T9778DA	1T9779DA

Note Accessory codes on page 313.

LABEL 4 | Ceiling

220-240Vac | Ra90 | Fixture flux 3000K from 563lm to 725lm



Optic	Driver	Colour	3000K	4000K
SP 18° 8W	ON-OFF	○	1T9780EL	1T9781EL
		●	1T9786EL	1T9787EL
	DALI	○	1T9780DA	1T9781DA
		●	1T9786DA	1T9787DA
FL 27° 8W	ON-OFF	○	1T9782EL	1T9783EL
		●	1T9788EL	1T9789EL
	DALI	○	1T9782DA	1T9783DA
		●	1T9788DA	1T9789DA
MWFL 42° 8W	ON-OFF	○	1T9784EL	1T9785EL
		●	1T9790EL	1T9791EL
	DALI	○	1T9784DA	1T9785DA
		●	1T9790DA	1T9791DA

Note Accessory codes on page 313.

Accessory codes

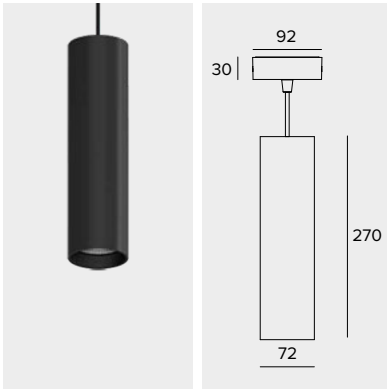
LABEL | Codes compatible with the whole range

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

LABEL 7 | Suspension

220-240Vac | Ra90 | Fixture flux 3000K from 965lm to 1156lm

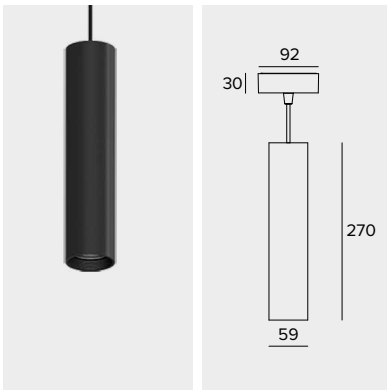


Optic	Driver	Colour	3000K	4000K
SP 16° 12W	ON-OFF	○	1T9792EL	1T9793EL
		●	1T9798EL	1T9799EL
	DALI	○	1T9792DA	1T9793DA
		●	1T9798DA	1T9799DA
FL 27° 12W	ON-OFF	○	1T9794EL	1T9795EL
		●	1T9800EL	1T9801EL
	DALI	○	1T9794DA	1T9795DA
		●	1T9800DA	1T9801DA
MWFL 46° 12W	ON-OFF	○	1T9796EL	1T9797EL
		●	1T9802EL	1T9803EL
	DALI	○	1T9796DA	1T9797DA
		●	1T9802DA	1T9803DA

Note Accessory codes on page 315.

LABEL 6 | Suspension

220-240Vac | Ra90 | Fixture flux 3000K from 865lm to 879lm

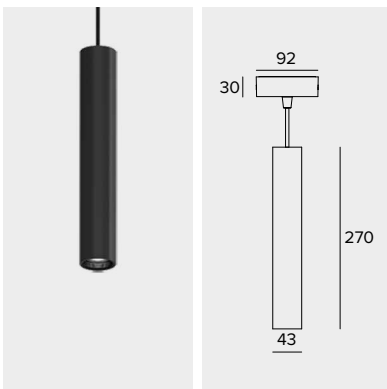


Optic	Driver	Colour	3000K	4000K
SP 16° 10W	ON-OFF	○	1T9804EL	1T9805EL
		●	1T9810EL	1T9811EL
	DALI	○	1T9804DA	1T9805DA
		●	1T9810DA	1T9811DA
FL 35° 10W	ON-OFF	○	1T9806EL	1T9807EL
		●	1T9812EL	1T9813EL
	DALI	○	1T9806DA	1T9807DA
		●	1T9812DA	1T9813DA
MWFL 45° 10W	ON-OFF	○	1T9808EL	1T9809EL
		●	1T9814EL	1T9815EL
	DALI	○	1T9808DA	1T9809DA
		●	1T9814DA	1T9815DA

Note Accessory codes on page 315.

LABEL 4 | Suspension

220-240Vac | Ra90 | Fixture flux 3000K from 563lm to 725lm



Optic	Driver	Colour	3000K	4000K
SP 18° 8W	ON-OFF	○	1T9816EL	1T9817EL
		●	1T9822EL	1T9823EL
	DALI	○	1T9816DA	1T9817DA
		●	1T9822DA	1T9823DA
FL 27° 8W	ON-OFF	○	1T9818EL	1T9819EL
		●	1T9824EL	1T9825EL
	DALI	○	1T9818DA	1T9819DA
		●	1T9824DA	1T9825DA
MWFL 42° 8W	ON-OFF	○	1T9820EL	1T9821EL
		●	1T9826EL	1T9827EL
	DALI	○	1T9820DA	1T9821DA
		●	1T9826DA	1T9827DA

Note Accessory codes on page 315.

Accessory codes

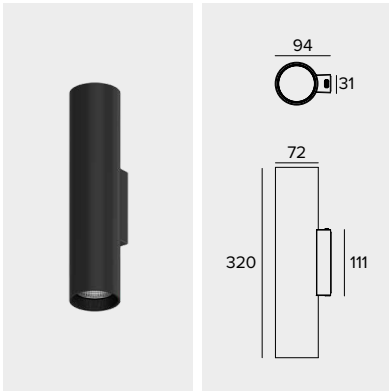
LABEL | Codes compatible with the whole range

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

LABEL 7 | Wall

220-240Vac | Ra90 | Fixture flux 3000K from 1156lm to 2311lm

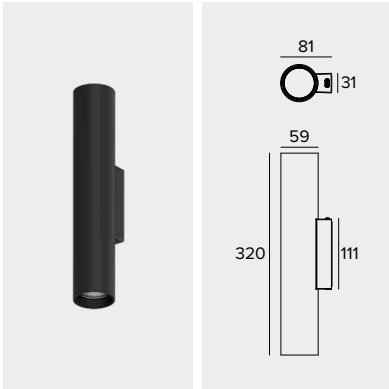


Emission	Optic	Driver	Colour	3000K	4000K
DIRECT 12W	MWFL 46°	ON-OFF	○	1T9936EL	1T9937EL
			●	1T9938EL	1T9939EL
		DALI	○	1T9936DA	1T9937DA
			●	1T9938DA	1T9939DA
DIRECT/INDIRECT 23W	MWFL 46°	ON-OFF	○	1T9948EL	1T9949EL
			●	1T9950EL	1T9951EL
		DALI	○	1T9948DA	1T9949DA
			●	1T9950DA	1T9951DA

Note Accessory codes on page 317.

LABEL 6 | Wall

220-240Vac | Ra90 | Fixture flux 3000K from 879lm to 1757lm

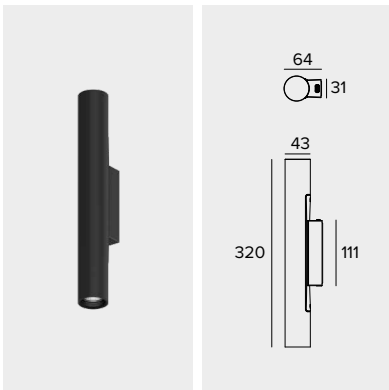


Emission	Optic	Driver	Colour	3000K	4000K
DIRECT 10W	MWFL 45°	ON-OFF	○	1T9940EL	1T9941EL
			●	1T9942EL	1T9943EL
		DALI	○	1T9940DA	1T9941DA
			●	1T9942DA	1T9943DA
DIRECT/INDIRECT 19W	MWFL 45°	ON-OFF	○	1T9952EL	1T9953EL
			●	1T9954EL	1T9955EL
		DALI	○	1T9952DA	1T9953DA
			●	1T9954DA	1T9955DA

Note Accessory codes on page 317.

LABEL 4 | Wall

220-240Vac | Ra90 | Fixture flux 3000K from 725lm to 1450lm



Emission	Optic	Driver	Colour	3000K	4000K
DIRECT 8W	MWFL 42°	ON-OFF	○	1T9944EL	1T9945EL
			●	1T9946EL	1T9947EL
		DALI	○	1T9944DA	1T9945DA
			●	1T9946DA	1T9947DA
DIRECT/INDIRECT 15W	MWFL 42°	ON-OFF	○	1T9956EL	1T9957EL
			●	1T9958EL	1T9959EL
		DALI	○	1T9956DA	1T9957DA
			●	1T9958DA	1T9959DA

Note Accessory codes on page 317.

Accessory codes

LABEL | Codes compatible with the whole range


















Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

THREESIXTY

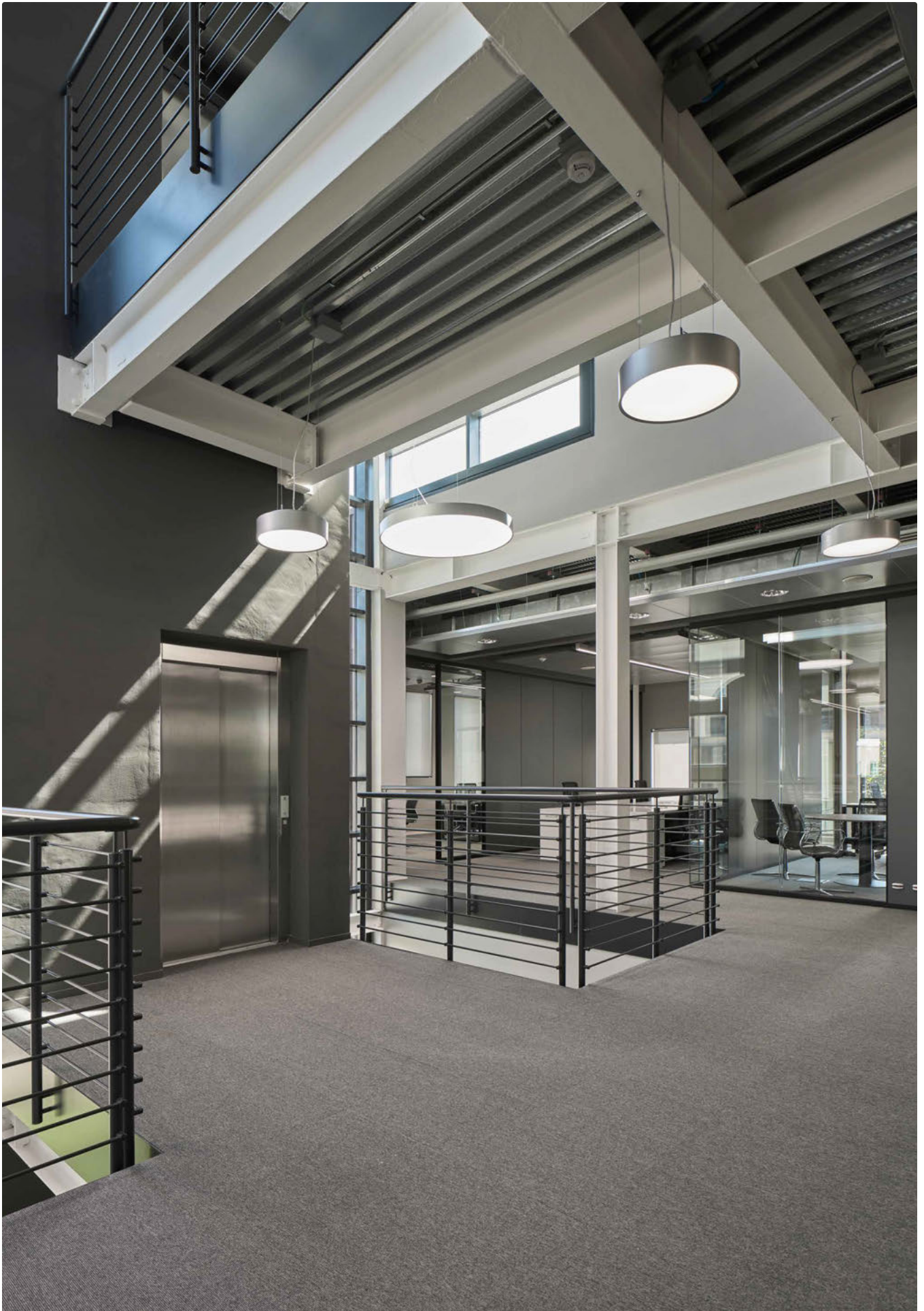


A range of extremely versatile fixtures with a pure and simple geometric shape. The range is available in different sizes, different lumen packages with direct and indirect emission and with different installation methods for ceiling and wall-mounted applications. Threesixty provides maximum flexibility to design light in spaces of all heights and sizes.

								
Recessed	Semi-recessed	Ceiling-mounted	Suspension	Wall-mounted	Direct	Direct Indirect	UGR	Diffused
INSTALLATION			EMISSION			LIGHT		
								
3000K	4000K		On-Off	Dali	Casambi	White	Black	Easy Custom Colours
COLOUR TEMPERATURE		CONTROL		FINISH				

110-277Vac power supply

ON REQUEST









EMISSION

For every fixture it is possible to choose from **direct light** or **direct/indirect light** emission with separate switches to create atmospheres and scenarios with maximum freedom.



OPTICS



There are two optics available: **OPAL** for a diffused effect and **UGR** for controlled and comfortable light (UGR<19 and L65<3000 cd/m² - EN-12464).

OPAL Low Power — High Power

THREESIXTY
Ø 1150mm



THREESIXTY
Ø 870mm



OPAL / UGR Low Power — High Power

THREESIXTY
Ø 590mm



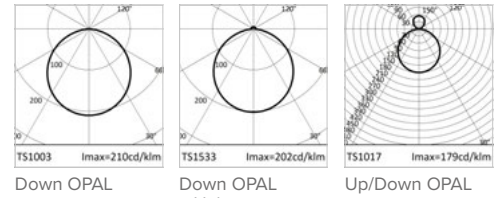
THREESIXTY
Ø 384mm



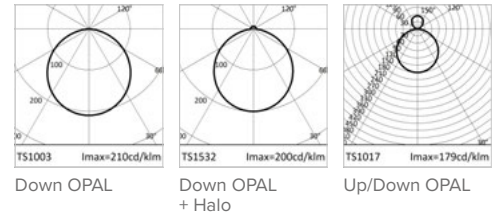
The range is available with four different diameters all with different lumen packages (high power and low power). In the smaller sizes Threesixty can light small rooms and stairwells, while the larger versions are the ideal solution for great heights, double volumes and reception spaces.



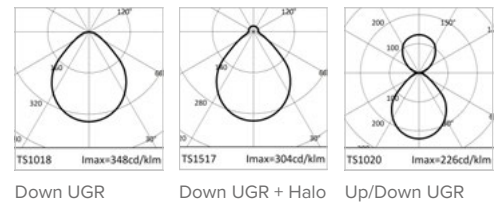
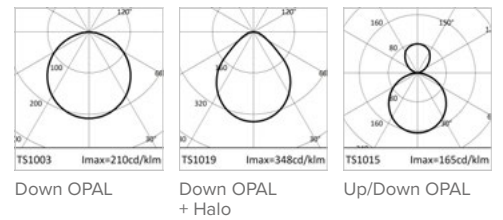
Ø 1150mm
 Up to 89lm/W
 From 14303lm to 27815lm
 3000K - 4000K
 Ra80 - Ra90



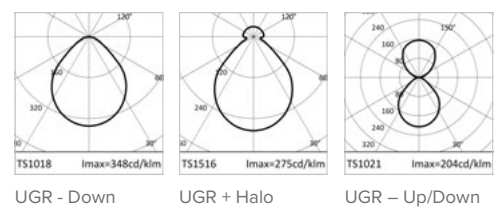
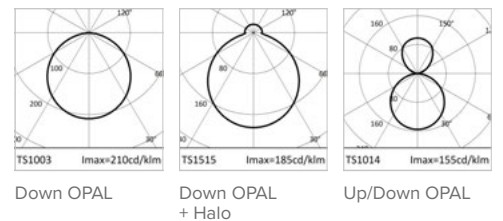
Ø 870mm
 Up to 90lm/W
 From 8453lm to 17111lm
 3000K - 4000K
 Ra80 - Ra90



Ø 590mm
 Up to 117lm/W
 From 3074lm to 8445lm
 3000K - 4000K
 Ra80 - Ra90



Ø 384mm
 Up to 121lm/W
 From 1254lm to 3754lm
 3000K - 4000K
 Ra80 - Ra90



* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



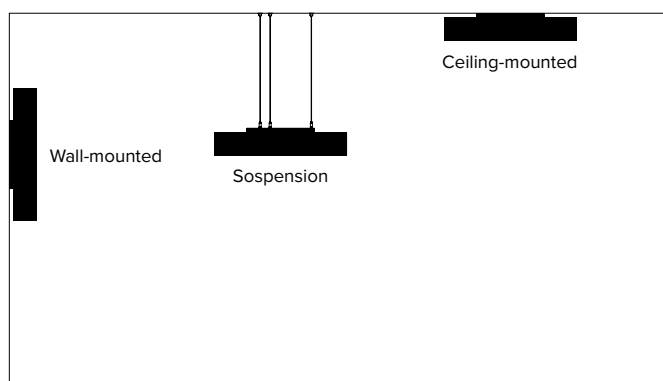
The Threesixty range also includes direct light solutions combined with a slight indirect component called a HALO to create a soft luminous frame, particularly suitable for ceiling-mounted, wall-mounted or semi-recessed applications.



Installation methods

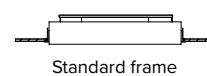
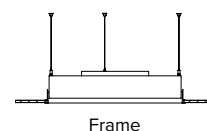
The fixtures are already equipped for ceiling and wall installation but can also be installed for suspension, semi-recessed and recessed applications using a special accessory.

On request Threesixty is available in all the colours of the “Easy Custom Colours” range. Discover the colours chart in the Download section on the website.



The accessory structural frame (available for sizes 384mm and 590mm) can be installed directly on the false ceiling, for both direct and halo emissions. The same accessory can be used for recessed wall installation.

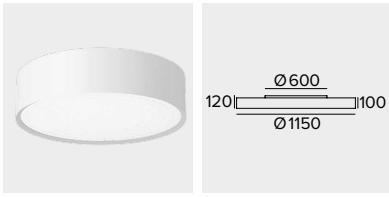
All the sizes - 384mm, 590mm, 870mm and 1150mm – are compatible with the non-load-bearing recessed frame which attaches to the main ceiling.





THREESIXTY Ø 1150mm

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 14303lm to 27815lm

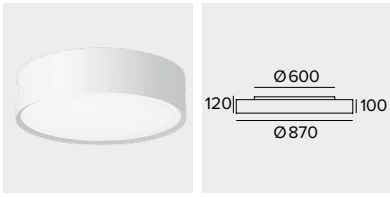


Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 204W	80	ON-OFF	○	1T6246EL	1T6247EL
			●	1T6250EL	1T6251EL
	DALI		○	1T6246DA	1T6247DA
			●	1T6250DA	1T6251DA
	90	ON-OFF	○	1T6246EL90	1T6247EL90
			●	1T6250EL90	1T6251EL90
		DALI	○	1T6246DA90	1T6247DA90
			●	1T6250DA90	1T6251DA90
DOWN OPAL 273W	80	ON-OFF	○	1T6252EL	1T6253EL
			●	1T6256EL	1T6257EL
	DALI		○	1T6252DA	1T6253DA
			●	1T6256DA	1T6257DA
	90	ON-OFF	○	1T6252EL90	1T6253EL90
			●	1T6256EL90	1T6257EL90
		DALI	○	1T6252DA90	1T6253DA90
			●	1T6256DA90	1T6257DA90
UP-DOWN OPAL 261W	80	ON-OFF	○	1T6270EL	1T6271EL
			●	1T6274EL	1T6275EL
	DALI		○	1T6270DA	1T6271DA
			●	1T6274DA	1T6275DA
	90	ON-OFF	○	1T6270EL90	1T6271EL90
			●	1T6274EL90	1T6275EL90
		DALI	○	1T6270DA90	1T6271DA90
			●	1T6274DA90	1T6275DA90
UP-DOWN OPAL 330W	80	ON-OFF	○	1T6276EL	1T6277EL
			●	1T6280EL	1T6281EL
	DALI		○	1T6276DA	1T6277DA
			●	1T6280DA	1T6281DA
	90	ON-OFF	○	1T6276EL90	1T6277EL90
			●	1T6280EL90	1T6281EL90
		DALI	○	1T6276DA90	1T6277DA90
			●	1T6280DA90	1T6281DA90
OPAL + HALO 253W	80	ON-OFF	○	1T6258EL	1T6259EL
			●	1T6262EL	1T6263EL
	DALI		○	1T6258DA	1T6259DA
			●	1T6262DA	1T6263DA
	90	ON-OFF	○	1T6258EL90	1T6259EL90
			●	1T6262EL90	1T6263EL90
		DALI	○	1T6258DA90	1T6259DA90
			●	1T6262DA90	1T6263DA90
OPAL + HALO 322W	80	ON-OFF	○	1T6264EL	1T6265EL
			●	1T6268EL	1T6269EL
	DALI		○	1T6264DA	1T6265DA
			●	1T6268DA	1T6269DA
	90	ON-OFF	○	1T6264EL90	1T6265EL90
			●	1T6268EL90	1T6269EL90
		DALI	○	1T6264DA90	1T6265DA90
			●	1T6268DA90	1T6269DA90

Note DIRECT/INDIRECT VERSION: Fitted with separate switches.
 Three different light effects available: direct light, indirect light and mixed direct/indirect light.
 Check mounting instructions to verify the quantity of DALI drivers installed.
 Related codes and accessory codes on page 332.

THREESIXTY Ø 870mm

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 8453lm to 17111lm

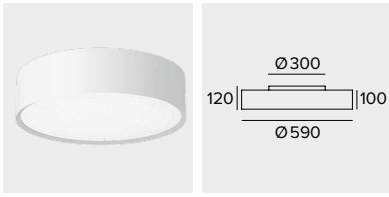


Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 127W	80	ON-OFF	○	1T6210EL	1T6211EL
			●	1T6214EL	1T6215EL
	DALI		○	1T6210DA	1T6211DA
			●	1T6214DA	1T6215DA
	90	ON-OFF	○	1T6210EL90	1T6211EL90
			●	1T6214EL90	1T6215EL90
		DALI	○	1T6210DA90	1T6211DA90
			●	1T6214DA90	1T6215DA90
DOWN OPAL 162W	80	ON-OFF	○	1T6216EL	1T6217EL
			●	1T6220EL	1T6221EL
	DALI		○	1T6216DA	1T6217DA
			●	1T6220DA	1T6221DA
	90	ON-OFF	○	1T6216EL90	1T6217EL90
			●	1T6220EL90	1T6221EL90
		DALI	○	1T6216DA90	1T6217DA90
			●	1T6220DA90	1T6221DA90
UP-DOWN OPAL 164W	80	ON-OFF	○	1T6234EL	1T6235EL
			●	1T6238EL	1T6239EL
	DALI		○	1T6234DA	1T6235DA
			●	1T6238DA	1T6239DA
	90	ON-OFF	○	1T6234EL90	1T6235EL90
			●	1T6238EL90	1T6239EL90
		DALI	○	1T6234DA90	1T6235DA90
			●	1T6238DA90	1T6239DA90
UP-DOWN OPAL 199W	80	ON-OFF	○	1T6240EL	1T6241EL
			●	1T6244EL	1T6245EL
	DALI		○	1T6240DA	1T6241DA
			●	1T6244DA	1T6245DA
	90	ON-OFF	○	1T6240EL90	1T6241EL90
			●	1T6244EL90	1T6245EL90
		DALI	○	1T6240DA90	1T6241DA90
			●	1T6244DA90	1T6245DA90
OPAL + HALO 163W	80	ON-OFF	○	1T6222EL	1T6223EL
			●	1T6226EL	1T6227EL
	DALI		○	1T6222DA	1T6223DA
			●	1T6226DA	1T6227DA
	90	ON-OFF	○	1T6222EL90	1T6223EL90
			●	1T6226EL90	1T6227EL90
		DALI	○	1T6222DA90	1T6223DA90
			●	1T6226DA90	1T6227DA90
OPAL + HALO 198W	80	ON-OFF	○	1T6228EL	1T6229EL
			●	1T6232EL	1T6233EL
	DALI		○	1T6228DA	1T6229DA
			●	1T6232DA	1T6233DA
	90	ON-OFF	○	1T6228EL90	1T6229EL90
			●	1T6232EL90	1T6233EL90
		DALI	○	1T6228DA90	1T6229DA90
			●	1T6232DA90	1T6233DA90

Note DIRECT/INDIRECT VERSION: Fitted with separate switches.
 Three different light effects available: direct light, indirect light and mixed direct/indirect light.
 Check mounting instructions to verify the quantity of DALI drivers installed.
 Related codes and accessory codes on page 332.

THREESIXTY Ø 590mm

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3862lm to 8445lm

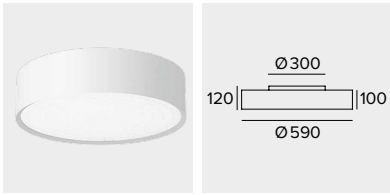


Emission	CRI	Driver	Colour	3000K	4000K		
DOWN OPAL 57W	80	ON-OFF	○ ●	1T6138EL 1T6142EL	1T6139EL 1T6143EL		
		DALI	○ ●	1T6138DA 1T6142DA	1T6139DA 1T6143DA		
	90	ON-OFF	○ ●	1T6138EL90 1T6142EL90	1T6139EL90 1T6143EL90		
		DALI	○ ●	1T6138DA90 1T6142DA90	1T6139DA90 1T6143DA90		
		DOWN OPAL 75W	80	ON-OFF	○ ●	1T6144EL 1T6148EL	1T6145EL 1T6149EL
				DALI	○ ●	1T6144DA 1T6148DA	1T6145DA 1T6149DA
90	ON-OFF	○ ●	1T6144EL90 1T6148EL90	1T6145EL90 1T6149EL90			
	DALI	○ ●	1T6144DA90 1T6148DA90	1T6145DA90 1T6149DA90			
	UP-DOWN OPAL 76W	80	ON-OFF	○ ●	1T6162EL 1T6166EL	1T6163EL 1T6167EL	
			DALI	○ ●	1T6162DA 1T6166DA	1T6163DA 1T6167DA	
90	ON-OFF	○ ●	1T6162EL90 1T6166EL90	1T6163EL90 1T6167EL90			
	DALI	○ ●	1T6162DA90 1T6166DA90	1T6163DA90 1T6167DA90			
	UP-DOWN OPAL 94W	80	ON-OFF	○ ●	1T6168EL 1T6172EL	1T6169EL 1T6173EL	
			DALI	○ ●	1T6168DA 1T6172DA	1T6169DA 1T6173DA	
90	ON-OFF	○ ●	1T6168EL90 1T6172EL90	1T6169EL90 1T6173EL90			
	DALI	○ ●	1T6168DA90 1T6172DA90	1T6169DA90 1T6173DA90			
	OPAL + HALO 80W	80	ON-OFF	○ ●	1T6150EL 1T6154EL	1T6151EL 1T6155EL	
			DALI	○ ●	1T6150DA 1T6154DA	1T6151DA 1T6155DA	
90	ON-OFF	○ ●	1T6150EL90 1T6154EL90	1T6151EL90 1T6155EL90			
	DALI	○ ●	1T6150DA90 1T6154DA90	1T6151DA90 1T6155DA90			
	OPAL + HALO 98W	80	ON-OFF	○ ●	1T6156EL 1T6160EL	1T6157EL 1T6161EL	
			DALI	○ ●	1T6156DA 1T6160DA	1T6157DA 1T6161DA	
90	ON-OFF	○ ●	1T6156EL90 1T6160EL90	1T6157EL90 1T6161EL90			
	DALI	○ ●	1T6156DA90 1T6160DA90	1T6157DA90 1T6161DA90			

Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 332.

THREESIXTY Ø 590mm | UGR

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3074lm to 6055lm

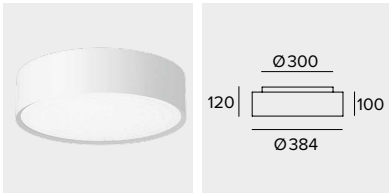


Emission	CRI	Driver	Colour	3000K	4000K
DOWN UGR 35W	80	ON-OFF	○	1T6174EL	1T6175EL
			●	1T6178EL	1T6179EL
	DALI		○	1T6174DA	1T6175DA
			●	1T6178DA	1T6179DA
	90	ON-OFF	○	1T6174EL90	1T6175EL90
			●	1T6178EL90	1T6179EL90
DALI		○	1T6174DA90	1T6175DA90	
		●	1T6178DA90	1T6179DA90	
UP-DOWN UGR 54W	80	ON-OFF	○	1T6198EL	1T6199EL
			●	1T6202EL	1T6203EL
	DALI		○	1T6198DA	1T6199DA
			●	1T6202DA	1T6203DA
	90	ON-OFF	○	1T6198EL90	1T6199EL90
			●	1T6202EL90	1T6203EL90
DALI		○	1T6198DA90	1T6199DA90	
		●	1T6202DA90	1T6203DA90	
UGR + HALO 58W	80	ON-OFF	○	1T6186EL	1T6187EL
			●	1T6190EL	1T6191EL
	DALI		○	1T6186DA	1T6187DA
			●	1T6190DA	1T6191DA
	90	ON-OFF	○	1T6186EL90	1T6187EL90
			●	1T6190EL90	1T6191EL90
DALI		○	1T6186DA90	1T6187DA90	
		●	1T6190DA90	1T6191DA90	

Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 332.

THREESIXTY Ø 384mm

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1579lm to 3754lm

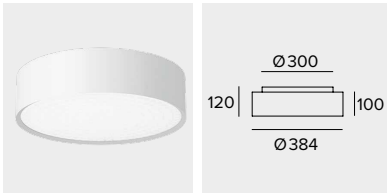


Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 24W	80	ON-OFF	○	1T6066EL	1T6067EL
			●	1T6070EL	1T6071EL
	DALI		○	1T6066DA	1T6067DA
			●	1T6070DA	1T6071DA
	90	ON-OFF	○	1T6066EL90	1T6067EL90
			●	1T6070EL90	1T6071EL90
DALI		○	1T6066DA90	1T6067DA90	
		●	1T6070DA90	1T6071DA90	
DOWN OPAL 33W	80	ON-OFF	○	1T6072EL	1T6073EL
			●	1T6076EL	1T6077EL
	DALI		○	1T6072DA	1T6073DA
			●	1T6076DA	1T6077DA
	90	ON-OFF	○	1T6072EL90	1T6073EL90
			●	1T6076EL90	1T6077EL90
DALI		○	1T6072DA90	1T6073DA90	
		●	1T6076DA90	1T6077DA90	
UP-DOWN OPAL 33W	80	ON-OFF	○	1T6090EL	1T6091EL
			●	1T6094EL	1T6095EL
	DALI		○	1T6090DA	1T6091DA
			●	1T6094DA	1T6095DA
	90	ON-OFF	○	1T6090EL90	1T6091EL90
			●	1T6094EL90	1T6095EL90
DALI		○	1T6090DA90	1T6091DA90	
		●	1T6094DA90	1T6095DA90	
UP-DOWN OPAL 42W	80	ON-OFF	○	1T6096EL	1T6097EL
			●	1T6100EL	1T6101EL
	DALI		○	1T6096DA	1T6097DA
			●	1T6100DA	1T6101DA
	90	ON-OFF	○	1T6096EL90	1T6097EL90
			●	1T6100EL90	1T6101EL90
DALI		○	1T6096DA90	1T6097DA90	
		●	1T6100DA90	1T6101DA90	
OPAL + HALO 39W	80	ON-OFF	○	1T6078EL	1T6079EL
			●	1T6082EL	1T6083EL
	DALI		○	1T6078DA	1T6079DA
			●	1T6082DA	1T6083DA
	90	ON-OFF	○	1T6078EL90	1T6079EL90
			●	1T6082EL90	1T6083EL90
DALI		○	1T6078DA90	1T6079DA90	
		●	1T6082DA90	1T6083DA90	
OPAL + HALO 48W	80	ON-OFF	○	1T6084EL	1T6085EL
			●	1T6088EL	1T6089EL
	DALI		○	1T6084DA	1T6085DA
			●	1T6088DA	1T6089DA
	90	ON-OFF	○	1T6084EL90	1T6085EL90
			●	1T6088EL90	1T6089EL90
DALI		○	1T6084DA90	1T6085DA90	
		●	1T6088DA90	1T6089DA90	

Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 332.

THREESIXTY Ø 384mm | UGR

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1254lm to 2783lm



Emission	CRI	Driver	Colour	3000K	4000K
DOWN UGR 15W	80	ON-OFF	○	1T6102EL	1T6103EL
			●	1T6106EL	1T6107EL
		DALI	○	1T6102DA	1T6103DA
	90	ON-OFF	○	1T6102EL90	1T6103EL90
			●	1T6106EL90	1T6107EL90
		DALI	○	1T6102DA90	1T6103DA90
UP-DOWN UGR 24W	80	ON-OFF	○	1T6126EL	1T6127EL
			●	1T6130EL	1T6131EL
		DALI	○	1T6126DA	1T6127DA
	90	ON-OFF	○	1T6130DA	1T6131DA
			●	1T6126EL90	1T6127EL90
		DALI	○	1T6126DA90	1T6127DA90
UGR + HALO 30W	80	ON-OFF	○	1T6114EL	1T6115EL
			●	1T6118EL	1T6119EL
		DALI	○	1T6114DA	1T6115DA
	90	ON-OFF	○	1T6118DA	1T6119DA
			●	1T6114EL90	1T6115EL90
		DALI	○	1T6118EL90	1T6119EL90
			○	1T6114DA90	1T6115DA90
			●	1T6118DA90	1T6119DA90

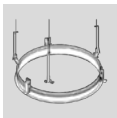
Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 332.

Related codes and accessories

THREESIXTY

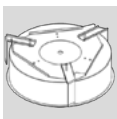
Related codes

Insertion Box



Cutout hole	Dimensions ØxH mm	Colour	Code
Ø410	421x99	○	1T6291
Ø410	421x99	●	1T6292
Ø615	627x99	○	1T6294
Ø615	627x99	●	1T6295
Ø895	907x99	○	1T6297
Ø895	907x99	●	1T6298
Ø1175	1187x99	○	1T6300
Ø1175	1187x99	●	1T6301

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.
Minimum ceiling height 230mm.



Cutout hole	Dimensions ØxH mm	Colour	Code
Ø450	460x165	○	1T6401
Ø450	460x165	●	1T6402
Ø660	670x165	○	1T6404
Ø660	670x165	●	1T6405

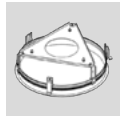
Casing for semi or completely recessed installation.
Load bearing outer casing measuring 384mm and 590mm.
Powder coated, spun aluminium body.
The outer casing attaches to the ceiling with pre-galvanised steel brackets.
Halo Version.

Related codes and accessories

THREESIXTY

Related codes

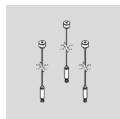
Insertion Box



Cutout hole	Dimensions ØxH mm	Colour	Code
Ø410	421x130	○	1T6303
Ø410	421x130	●	1T6304
Ø615	627x130	○	1T6306
Ø615	627x130	●	1T6307

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.

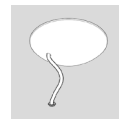
Suspension



L mm	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
ON-OFF	○	1T6288EL
ON-OFF	●	1T6289EL
DALI	○	1T6288DA
DALI	●	1T6289DA

Accessory for suspension installation composed of a canopy and 3 or 5 poles complete with a 4000mm power cable.

Accessory codes

Control systems



Code
1T5349

IP20 wireless control unit with DALI interface.
More details on page 672.

















Code
2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.

OMEGA



Designed in collaboration with the architecture and design firm Gensler, Omega is a range of fixtures for coordinated lighting of work and hospitality environments. Particularly suitable for reception areas and communal spaces, Omega is available in two different versions for suspension or wall-mounted installations.

						
Suspension	Wall-mounted	Diffused	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT	COLOUR TEMPERATURE			
						
On-Off	Dali	Casambi (using the accessory)	220-240V	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY	FINISH		

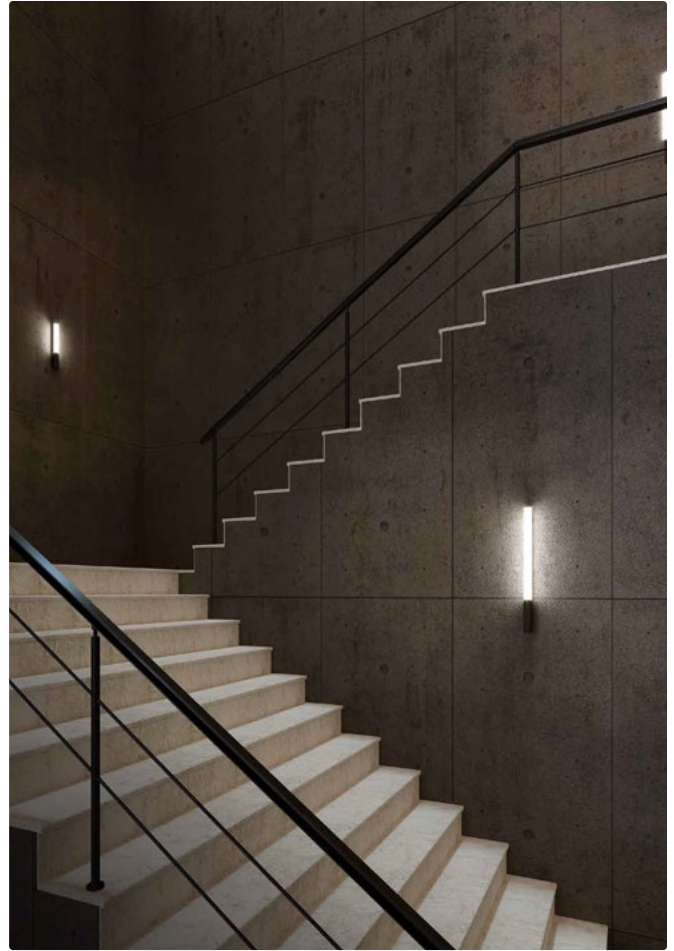
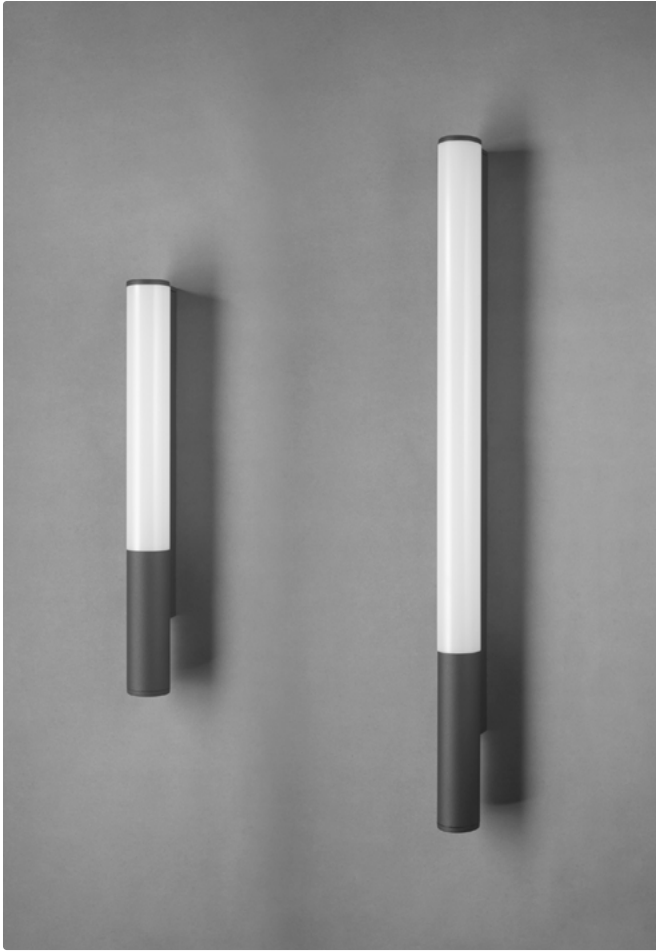




Suspension versions

Suspension versions have diffused emission. They are particularly suitable for lighting reception areas and meeting rooms. The product is already equipped with a suspension kit.

The union between two pure shapes, an opal cylinder and a full parallelepiped inspired the development of this discreet but recognisable lighting fixture. The 270° emission exploits the geometry of the shapes and the interpenetration of solids, for a soft lighting effect that lights the three dimensionality of the space.

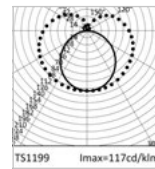


Wall-mounted versions

The wall-mounted versions are available in two different lengths (472mm and 792mm) and can be installed vertically or horizontally. They are ideal for lighting communal areas or stairwells coordinated with the general lighting provided by the suspension versions. The L= 792mm version is available in two variations Hi-Power and Low-Power.



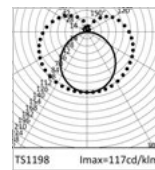
OMEGA SUSPENSION
 Up to 76lm/W
 2998lm
 2700K - 3000K - 3500K - 4000K
 Ra90



OPAL



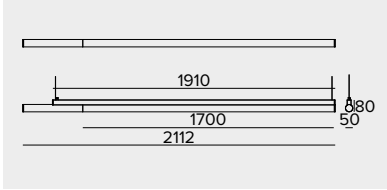
OMEGA WALL-MOUNTED
 Up to 84lm/W
 From 732lm to 1620lm
 2700K - 3000K - 3500K - 4000K
 Ra90



OPAL

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

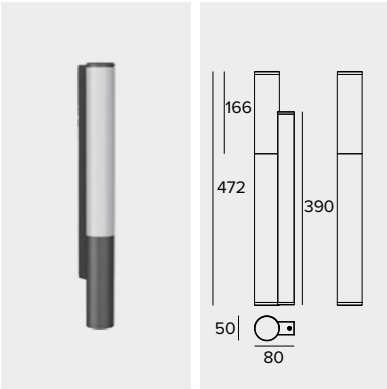
OMEGA Suspension | L. 2112mm
220-240Vac | Ra90 | Fixture flux 3000K 2998lm



Emission	Driver	Colour	2700K	3000K	3500K	4000K
OPAL 40W	ON-OFF	●	1T7267EL	1T7268EL	1T7275EL	1T7276EL
	DALI	●	1T7267DA	1T7268DA	1T7275DA	1T7276DA

Note Accessory codes on page 339.

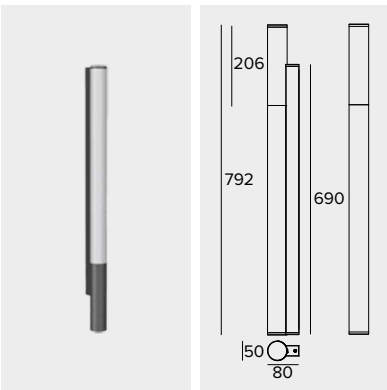
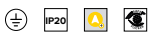
OMEGA Applique | L. 472mm
220-240Vac | Ra90 | Fixture flux 3000K 732lm



Emission	Driver	Colour	2700K	3000K	3500K	4000K
OPAL 9W	ON-OFF	●	1T7277EL	1T7278EL	1T7279EL	1T7280EL
	DALI	●	1T7277DA	1T7278DA	1T7279DA	1T7280DA

Note Accessory codes on page 339.

OMEGA Applique | L. 792mm
220-240Vac | Ra90 | Fixture flux 3000K from 1465lm to 1620lm



Emission	Driver	Colour	2700K	3000K	3500K	4000K
OPAL 18W	ON-OFF	●	1T7343EL	1T7344EL	1T7357EL	1T7358EL
	DALI	●	1T7343DA	1T7344DA	1T7357DA	1T7358DA
OPAL 28W	ON-OFF	●	1T9519EL	1T9520EL	1T9521EL	1T9522EL
	DALI	●	1T9519DA	1T9520DA	1T9521DA	1T9522DA

Note Accessory codes on page 339.

Accessory codes

OMEGA












Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

ZENO APPLIQUE

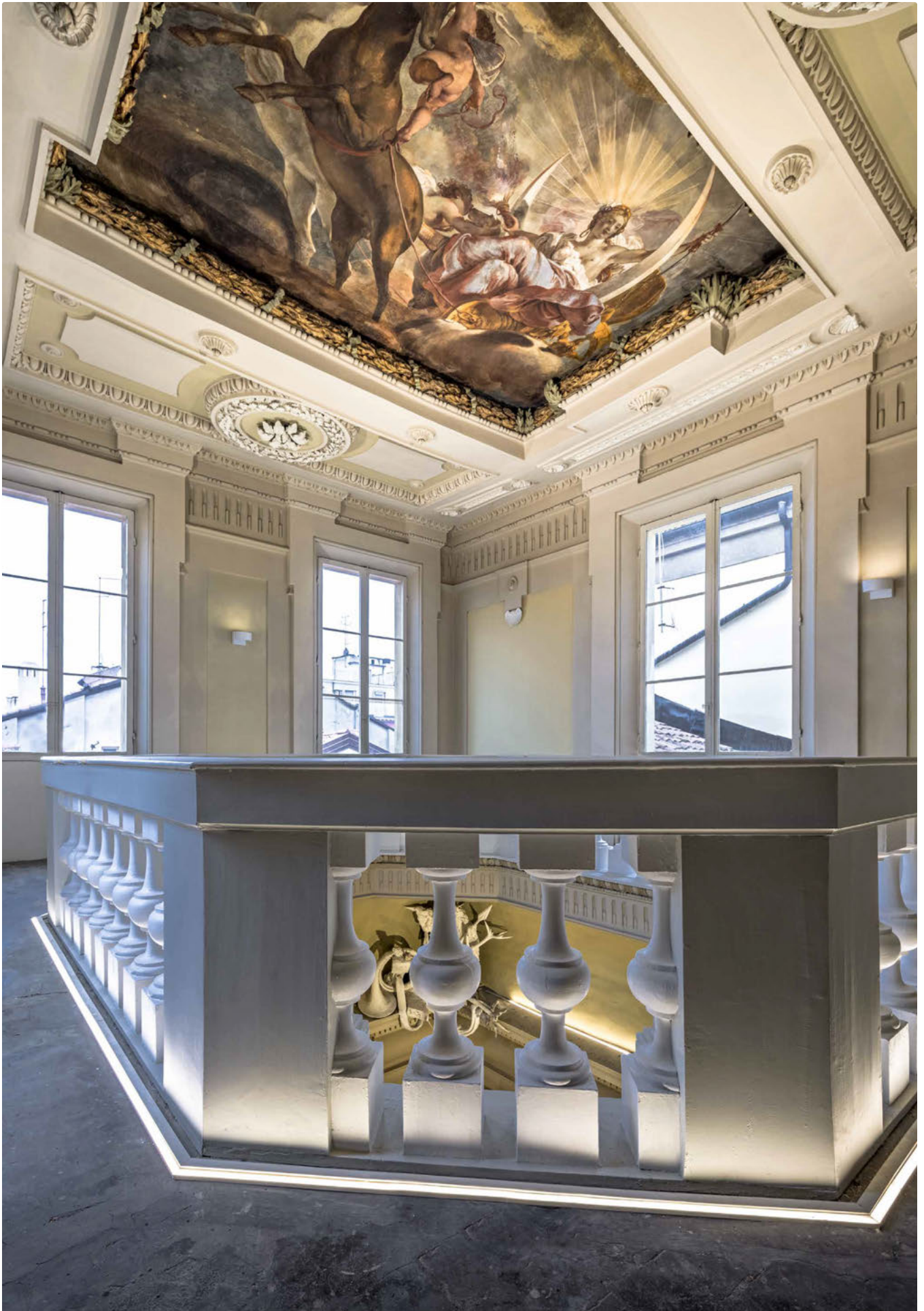


Adjustable wall-mounted fixture with a ceiling washer optic suitable for lighting environments where wide and uniform lighting of the ceiling is required. Available in two different sizes - Ø130 and Ø180 - Zeno Applique can be adjusted from 0 to -90° on the vertical plane and by 355° on the horizontal plane, with the possibility of aim blocking. Adjustability in an asymmetric fixture is an added value that makes it possible to focus the light where it is really needed, possibly pushing it towards the centre of the ceiling.

			
Wall-mounted	Ceiling Washer	3000K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE	
			
On-Off	Dali	Casambi	220-240V
CONTROL		POWER SUPPLY	FINISH
			
		White	Black
			
		Easy Custom Colours	

110-277V
2700K - 3500K

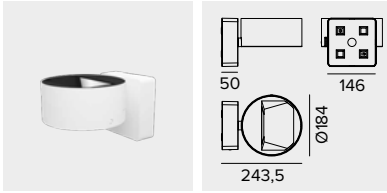
ON REQUEST





ZENO 180 Applique

220-240Vac | Ra90 | Fixture flux 3000K 2778lm

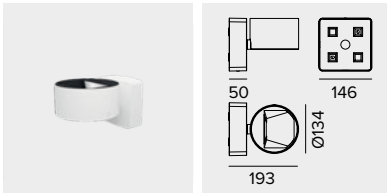


Product	Optic	Ra+K		Driver		Colour
T038	WWR WW - 58W	930	Ra90 3000K	EL	ON-OFF	PW
		940	Ra90 4000K	DA	DALI	DB

Note Accessory codes on page 343.

ZENO 130 Applique

220-240Vac | Ra90 | Fixture flux 3000K 1728lm



Product	Optic	Ra+K		Driver		Colour
T040	WWR WW - 30W	930	Ra90 3000K	EL	ON-OFF	PW
		940	Ra90 4000K	DA	DALI	DB

Note Accessory codes on page 343.

Accessory codes

ZENO | Codes compatible with the whole range

Control systems



IP20 wireless control unit with DALI interface.
More details on page 672.

Code

1T5349



IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 672.








Code

2T0131

SLIM WALL

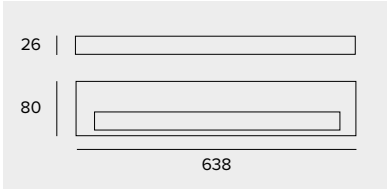


Fixture with minimal design with indirect or direct/indirect light available in two different sizes. The compact size makes Slim ideal to disappear into space, leaving room for architecture and light only.

 Wall-mounted INSTALLATION	  Indirect Direct Indirect EMISSION	 3000K COLOUR TEMPERATURE
 On-Off CONTROL	 220-240V POWER SUPPLY	 Aluminium FINISH
4000K ON REQUEST		

SLIM Wall | L. 638mm

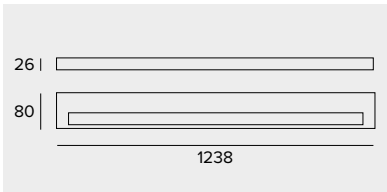
220-240Vac | Ra80 | Fixture flux 3000K from 1562lm to 2566lm



Emission	Optic	Driver	Colour	3000K
INDIRECT 14W	VWFL	ON-OFF	●	1T4192
DIRECT/INDIRECT 28W	VWFL	ON-OFF	●	1T4193

SLIM Wall | L. 1238mm

220-240Vac | Ra80 | Fixture flux 3000K from 3124lm to 5133lm













Emission	Optic	Driver	Colour	3000K
INDIRECT 28W	VWFL	ON-OFF	●	1T4194
DIRECT/INDIRECT 56W	VWFL	ON-OFF	●	1T4195

HALL

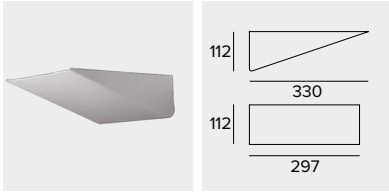


Professional indirect light fixture. The asymmetrical emission allows for deep indirect lighting of any space. Used alone it provides soft and comfortable lighting, when combined with direct lighting on the other hand it balances the luminance and improves visual comfort in the space.

		
Wall-mounted	Indirect	3000K
INSTALLATION	EMISSION	COLOUR TEMPERATURE
		
Dali	Casambi	220-240V
CONTROL	POWER SUPPLY	FINISH
		
		
		
		
		Easy Custom Colours
		4000K
		ON REQUEST

HALL

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3722lm to 4235lm



Emission	CRI	Driver	Colour	3000K
ASYMMETRICAL 40W	80	DALI		1T4499
				1T4506
		CASAMBI		1T4507
	90	DALI		1T4499CA
				1T449990
		CASAMBI		1T450690
		CASAMBI		1T450790
		CASAMBI		1T4499CA90

Note Accessory codes on page 347.

Accessory codes

HALL

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 672.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 672.	

LEDSTRIP

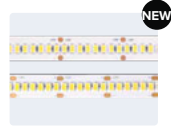
Indoor/Outdoor

Ledstrip



**LIGHTWAVES
PRO240**

358



IP20
IP65

**LIGHTWAVES
PRO EVO**

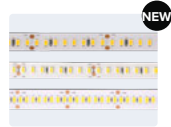
359



IP20
IP68

**LIGHTWAVES
HIGH
EFFICIENCY**

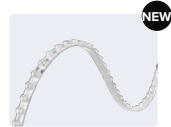
360



IP20
IP68

**LIGHTWAVES
GRAZING**

362



IP67

**LIGHTWAVES
WALL WASHER**

362


















IP67

LIGHTWAVES



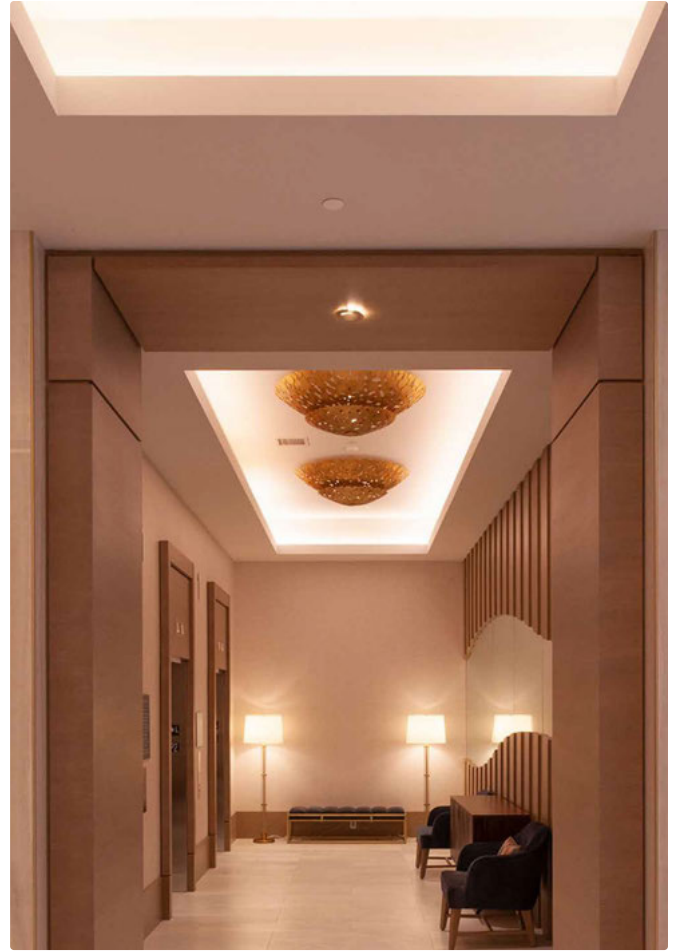
Lightwaves is the new range of striped with high luminous efficiency, high color rendering, made with very high quality materials. They are indicated where real technical lighting is required. They are characterized by a close distance of the individual LEDs, different types of beam opening and different powers. IP20 versions available for indoor spaces and IP65/IP68 for outdoor spaces. To be completed with power supply and a dissipating profile for installation.

								
Recessed	Surface	Diffused	Grazing	Wall Washer	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT			COLOUR TEMPERATURE			
								
On-Off	Casambi	Dali	1-10V Dimming	24V				
CONTROL		POWER SUPPLY						
								
IP20	IP65	IP68	Custom cut					
PROTECTION RATING			ON REQUEST					





Very high colour rendering
An high colour rendering ($Ra > 90$) is indispensable in prestigious projects, environments with particular uses, museum installations...



Colour precision and colour constancy
High quality LED sources with the Bin centred on the Planck curve with a 2 to 5 MacAdam steps tolerance, depending on the model, on all production lots.
No color shift during service life due to low drive current, excellent thermal management and effective production line control.



Long life L70 – 50000H
Dual track substrate: lower current on each circuit allows for lower temperatures resulting in reduced voltage drop over the length. Improved thermal management ensures longer LED life, maximizing performance and color quality over time.



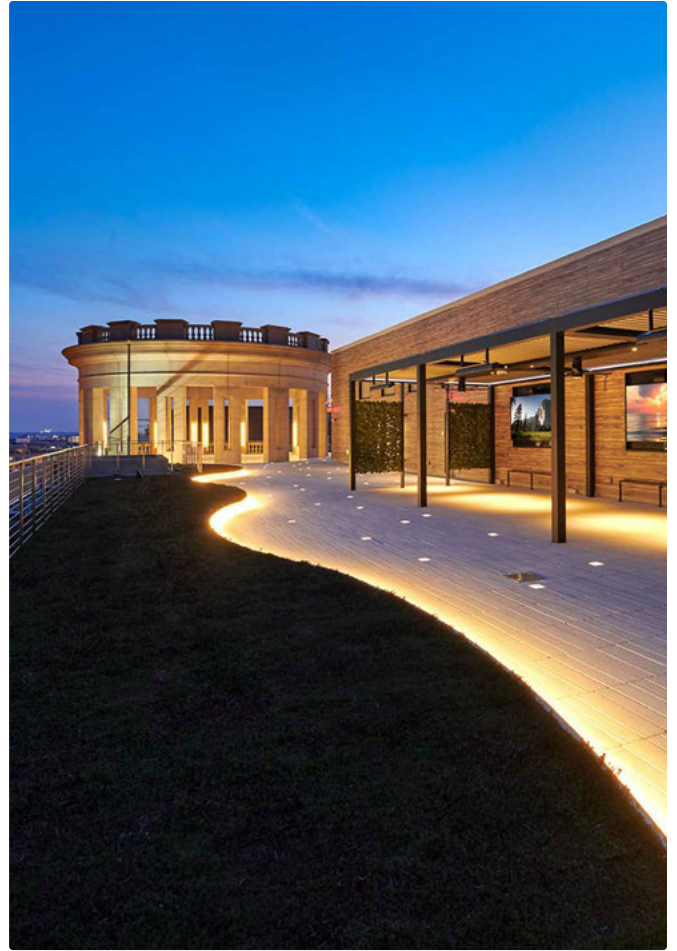
High quality of light for IP65 and IP68 versions

Lightwaves IP68 are produced with extrusion technology: the high quality materials used make it possible to maintain the same light colour between IP20, IP65 and IP68.








Dimmable from 0 to 100%
Easy to control light with the most common dimming systems

- DALI
- DMX
- Domatics control
- Push DALI with control ZKCAFF
- CASAMBI compatible



Aluminium profiles for any lighting installation

Dissipating metal profiles with different geometries based on the type of installation required: surface, recessed, corner.

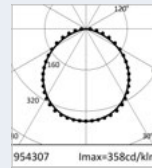
TYPE	DESCRIPTION	CHARACTERISTICS
PRO240	 <p>Striped suitable for installation at great heights without the effect of dots thanks to the very narrow pitch of the LEDs. It guarantees high performance and extreme uniformity and reliability of the color.</p>	<p>Ra>95 ANSI/SDCM: 3 step L70B20 Duration 50.000h Dimmable 0-100% DALI - DMX - 1-10V</p>
PRO EVO	 <p>Version characterized by the very high efficiency equal to 140lm/W. Usable in any project, it guarantees excellent energy savings in residential or commercial contexts.</p>	<p>140lm/W ANSI/SDCM: 3 step L70B20 Ra>92 Duration 60.000h Dimmable 0-100% DALI - DMX - 1-10V</p>
HIGH EFFICIENCY	 <p>The High Efficiency line is characterized by excellent quality, reliability, high color rendering, excellent white uniformity, resistance, long life and great energy savings! A high efficiency range to meet the needs of large professional projects. They are suitable for general lighting applications.</p>	<p>180lm/W Ra>92 ANSI/SDCM: 3 step L70B20 Duration 50.000h Dimmable 0-100% DALI - DMX - 1-10V</p>
GRAZING	 <p>Striped with grazing light effect thanks to the optics positioned on each individual LED. Suitable where you want to emphasize the texture of a wall. To be installed a few centimeters from the wall, it allows you to obtain a slight three-dimensionality that totally changes the reading of the illuminated surface. The product is sealed to guarantee a high degree of Ingress Protection (IP67).</p>	<p>Ra>90 ANSI/SDCM: 3 step L70B20 Duration 30.000h Dimmable 0-100% DALI - DMX</p>
WALL WASHER	 <p>By utilising an asymmetric reflector, the light is directed across the vertical surface, the efficiency of the LED's power is maximised to provide a uniform wall washer effect of light. The product is sealed to guarantee a high degree of Ingress Protection (IP67).</p>	<p>Ra>90 ANSI/SDCM: 3 step L70B20 Duration 30.000h Dimmable 0-100% DALI - DMX</p>

PERFORMANCE

IP INSULATION

240LED/m - 14W/m - 1330lm/m*
 240LED/m - 19W/m - 1710lm/m*
 240LED/m - 24W/m - 2090lm/m*

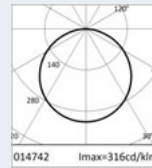
IP20 - IP65



240LED/m - 24W/m - 3260lm/m*
 240LED/m - 22W/m - 2835lm/m*

IP20

IP68

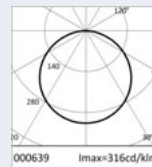


128LED/m - 11,5W/m - 2060lm/m*
 160LED/m - 14,4W/m - 2580lm/m*
 240LED/m - 21,6W/m - 3875lm/m*

IP20

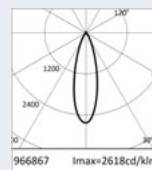
128LED/m - 11,5W/m - 1955lm/m*
 160LED/m - 14,4W/m - 2450lm/m*
 240LED/m - 21,6W/m - 3685lm/m*

IP68



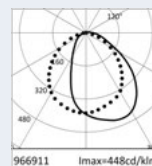
42LED/m - 19,2W/m - 1800lm/m*

IP67



30LED/m - 19,2W/m - 1450lm/m*

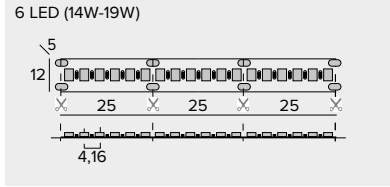
IP67



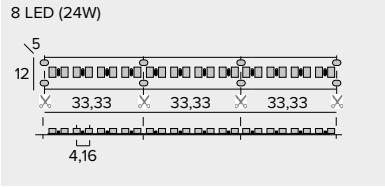
* Flux values refer to 3000K color temperature.

LIGHTWAVES PRO240 IP20

24Vdc | Ra>95 | Fixture flux 3000K from 1330lm/m to 2090lm/m | 5000mm reel



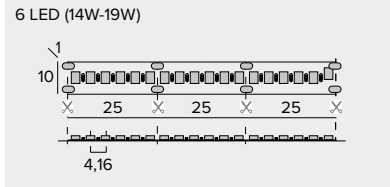
Product	Ra+K	Power	IP
L001	927 Ra>95 2700K	14 14W/m - 1330lm/m	20 IP20
	930 Ra>95 3000K	19 19W/m - 1710lm/m	
	935 Ra>95 3500K	24 24W/m - 2090lm/m	
	940 Ra>95 4000K		



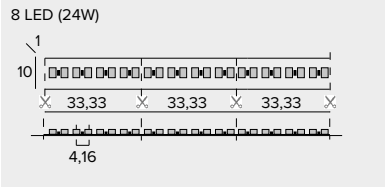
Note IP20: terminals with free wires.
 Maximum connection length 5 m.
 For longer connections, connect in series or parallel.
 Strips can be cut to size by following the cutting instructions printed on the strips.
 Related codes and accessory codes on page 361, 363.

LIGHTWAVES PRO240 IP65

24Vdc | Ra>95 | Fixture flux 3000K from 1330lm/m to 2090lm/m | 5000mm reel



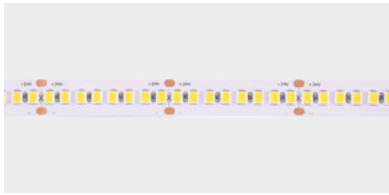
Product	Ra+K	Power	IP
L001	927 Ra>95 2700K	14 14W/m - 1330lm/m	65 IP65
	930 Ra>95 3000K	19 19W/m - 1710lm/m	
	935 Ra>95 3500K	24 24W/m - 2090lm/m	
	940 Ra>95 4000K		



Note IP65: complete with a 15 cm long IP65/68 M/F cable on 2 sides.
 Maximum connection length 5 m.
 For longer connections, connect in series or parallel.
 Strips can be cut to size by following the cutting instructions printed on the strips.
 For IP65/IP68 strips restore the IP protection after cutting.
 Related codes and accessory codes on page 361, 363.

LIGHTWAVES PRO EVO IP20

24Vdc | Ra92 | Fixture flux 3000K 3260lm/m | 5000mm reel

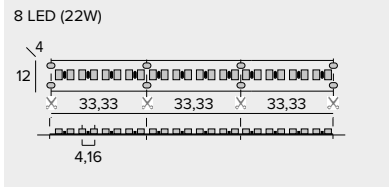
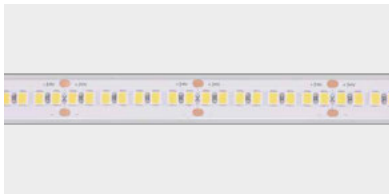


Product	Ra+K	Power	IP
L004	927 Ra92 2700K	24 24W/m - 3260lm/m	20 IP20
	930 Ra92 3000K		
	935 Ra92 3500K		
	940 Ra92 4000K		

Note See the installation instructions to connect the LED strips in series or parallel. Related codes and accessory codes on page 361, 363.

LIGHTWAVES PRO EVO IP68

24Vdc | Ra92 | Fixture flux 3000K 2835lm/m | 5000mm reel



Product	Ra+K	Power	IP
L005	927 Ra92 2700K	22 22W/m - 2835lm/m	68 IP68
	930 Ra92 3000K		
	935 Ra92 3500K		
	940 Ra92 4000K		

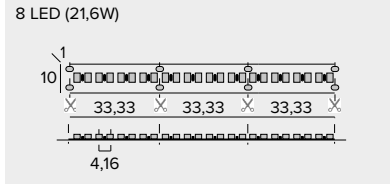
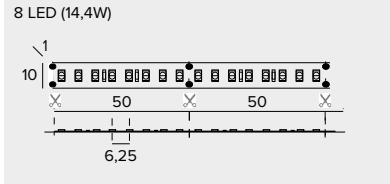
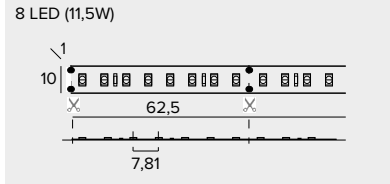
Note See the installation instructions to connect the LED strips in series or parallel. Related codes and accessory codes on page 361, 363.

LIGHTWAVES HIGH EFFICIENCY IP20

24Vdc | Ra92 | Fixture flux 3000K from 2060lm/m to 3875lm/m | 5000mm reel



Product	Ra+K	Power	IP
L006	927 Ra92 2700K	11 11,5W/m - 2060lm/m	20 IP20
	930 Ra92 3000K	14 14,4W/m - 2580lm/m	
	935 Ra92 3500K	21 21,6W/m - 3875lm/m	
	940 Ra92 4000K		



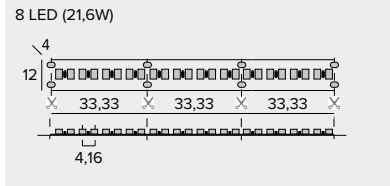
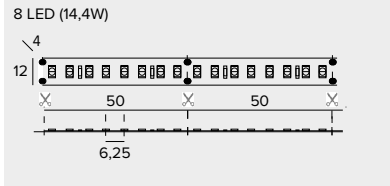
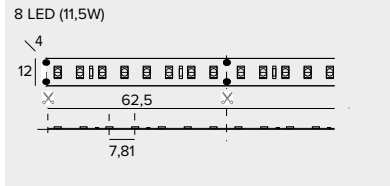
Note See the installation instructions to connect the LED strips in series or parallel.
Related codes and accessory codes on page 361, 363.

LIGHTWAVES HIGH EFFICIENCY IP68

24Vdc | Ra92 | Fixture flux 3000K from 1955lm/m to 3685lm/m | 5000mm reel



Product	Ra+K	Power	IP
L006	927 Ra92 2700K	11 11,5W/m - 1955lm/m	68 IP68
	930 Ra92 3000K	14 14,4W/m - 2450lm/m	
	935 Ra92 3500K	21 21,6W/m - 3685lm/m	
	940 Ra92 4000K		






Note See the installation instructions to connect the LED strips in series or parallel.
Related codes and accessory codes on page 361, 363.

Related codes and accessories

LIGHTWAVES PRO240 - PRO EVO - HIGH EFFICIENCY

Accessory codes

Profiles

Dimensions LxHxP mm	Version	Code	Code	
	2000x12x16	PRAP20	PRAP20-2MK	KTPRAP20
	2000x13x21	PRAP68	PRAP68-2MK	KTPRAP68
		<p>6063 extruded aluminium profile complete with a white PC diffuser screen for surface installation. Can be used with LED strips with a maximum width of: 12 mm (PRAP20) and 15 mm (PRAP68). Maximum recommended power: 20W/m (PRAP20) and 25W/m (PRAP68). To house IP65 or IP68 strips the connectors remain outside the profile. Every 2 metre bar is complete with 1 set of end caps (with or without holes).</p>		
		<p>Accessory kit for PRAP. Includes 10 supports, 5 end caps without holes and 5 end caps with holes.</p>		

Dimensions LxHxP mm	Version	Code	Code	
	2000x12x24	PRIN20	PRIN20-2MK	KTPRIN20
	2000x13x29	PRIN68	PRIN68-2MK	KTPRIN68
		<p>6063 aluminium profile with a white PC screen for recessed installation. Can be used with LED strips with a maximum width of: 13 mm (PRIN20) and 17 mm (PRIN68). Maximum recommended power: 20W/m (PRIN20) and 25W/m (PRIN68). To house IP65 or IP68 strips the connectors remain outside the profile. Every 2 metre bar is complete with 1 set of end caps (with or without holes).</p>		
		<p>Accessory kit for PRIN. Includes 10 supports, 5 end caps without holes and 5 end caps with holes.</p>		

Dimensions LxHxP mm	Version	Code	Code	
	2000x19x19	PRAN20	PRAN20-2MK	KTPRAN20
	2000x24x24	PRAN68	PRAN68-2MK	KTPRAN68
		<p>6063 extruded aluminium profile complete with a white PC diffuser screen for corner surface installation. Can be used with LED strips with a maximum width of: 10 mm (PRAN20) and 14 mm (PRAN68). Maximum recommended power: 20W/m (PRAN20) and 25W/m (PRAN68). Every 2 metre bar is complete with 1 set of end caps (with or without holes).</p>		
		<p>Accessory kit for PRAN. Includes 10 supports, 5 end caps without holes and 5 end caps with holes.</p>		

Mounting System

Code
 A066
<p>Cutting and assembly kit for PRO240 - IP65. Includes 4 M/F connectors - a 15 cm cable and 10 silicone jumpers.</p>

LIGHTWAVES WALL WASHER

24Vdc | Ra>90 | Fixture flux 3000K 1450lm/m | 5000mm reel

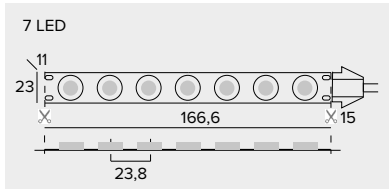


Product	Ra+K	Power	IP
L002	927 Ra>90 2700K	19 19,2W/m - 1450lm/m	67 IP67
	930 Ra>90 3000K		
	935 Ra>90 3500K		
	940 Ra>90 4000K		

Note Complete with a 15 cm long M/F cable on 2 sides.
 Maximum connection length 5 m. Max 4A.
 Strips can be cut to size by following the cutting instructions printed on the strips.
 Use the 2 PIN connectors included in the kit code A069 to connect strip lengths up to a maximum of 5 metres.
 Related codes and accessory codes on page 362, 363.

LIGHTWAVES GRAZING

24Vdc | Ra>90 | Fixture flux 3000K 1800lm/m | 5000mm reel



Product	Ra+K	Power	IP
L003	927 Ra>90 2700K	19 19,2W/m - 1800lm/m	67 IP67
	930 Ra>90 3000K		
	935 Ra>90 3500K		
	940 Ra>90 4000K		

Note Complete with a 15 cm long M/F cable on 2 sides.
 Maximum connection length 5 m. Max 4A.
 Strips can be cut to size by following the cutting instructions printed on the strips.
 Use the 2 PIN connectors included in the kit code A069 to connect strip lengths up to a maximum of 5 metres.
 Related codes and accessory codes on page 362, 363.

Related codes and accessories

LIGHTWAVES WALL WASHER - GRAZING

Accessory codes

Mounting System

	Code		Code
	A069		A068
Cutting and assembly kit for IP67 Strips. Includes 4 2 PIN connectors, 2 2 PIN male connector cables and 2 2 PIN female connector cables.		UV light for fast glue fixing.	


	Code
	A067
Kit of metal clips - 10 pcs.	

Related codes and accessories


Lightwaves | Codes compatible with the whole range

Related codes


Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	280x17x30	50W	110-260Vac	24 Vdc	IP20	SLD-50-24
	320x17x30	80W	110-260Vac	24 Vdc	IP20	SLD-80-24


Electronic power supply.

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	140x32x63	100W	100-240Vac	24 Vdc	IP67	XLG-100-24-A
	180x36x63	150W	100-240Vac	24 Vdc	IP67	XLG-150-24-A
	199x36x63	200W	100-240Vac	24 Vdc	IP67	XLG-200-24-A
	244x38x71	240W	100-240Vac	24 Vdc	IP65	ELG-240-24A-3Y
	252x44x90	320W	100-240Vac	24 Vdc	IP67	HLG-320H-24
	280x49x144	600W	100-240Vac	24 Vdc	IP67	HLG-600H-24A

Electronic power supply.

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	199x36x63	96W	200-260Vac	24 Vdc	IP67	ELG-100-24DA-3Y
	219x36x63	150W	200-260Vac	24 Vdc	IP67	ELG-150-24DA-3Y
	244x38x71	200W	200-260Vac	24 Vdc	IP67	ELG-200-24DA-3Y
	244x38x71	240W	200-260Vac	24 Vdc	IP67	ELG-240-24DA-3Y

DALI power supply.

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	200x42x70	80W	220-240Vac	24 Vdc	IP67	ZK7380-D

TRIAC dimmable power supply.

Accessory codes

Control systems

	Code		Code
	ZKCDAFF		ZKC1-10FF

Two channel DALI controller.

Single channel 1-10V controller.
Maximum current 8A.

INGROUND LUMINAIRES

Outdoor

Inground luminaires | Circular

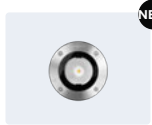


KEPLERO

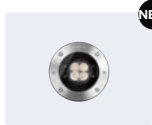
366



Ø 280mm
Fixed
Adjustable



Ø 160mm
Fixed
Adjustable



Ø 160mm - Inox
Fixed
Adjustable



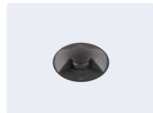
Ø 80mm
Fixed



Ø 50mm
Fixed

TITANO

398



Ø 169mm

Inground luminaires | Linear



JEDI

400



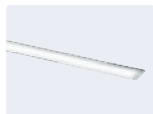
JEDI COMPACT

406



MERCURE

























428

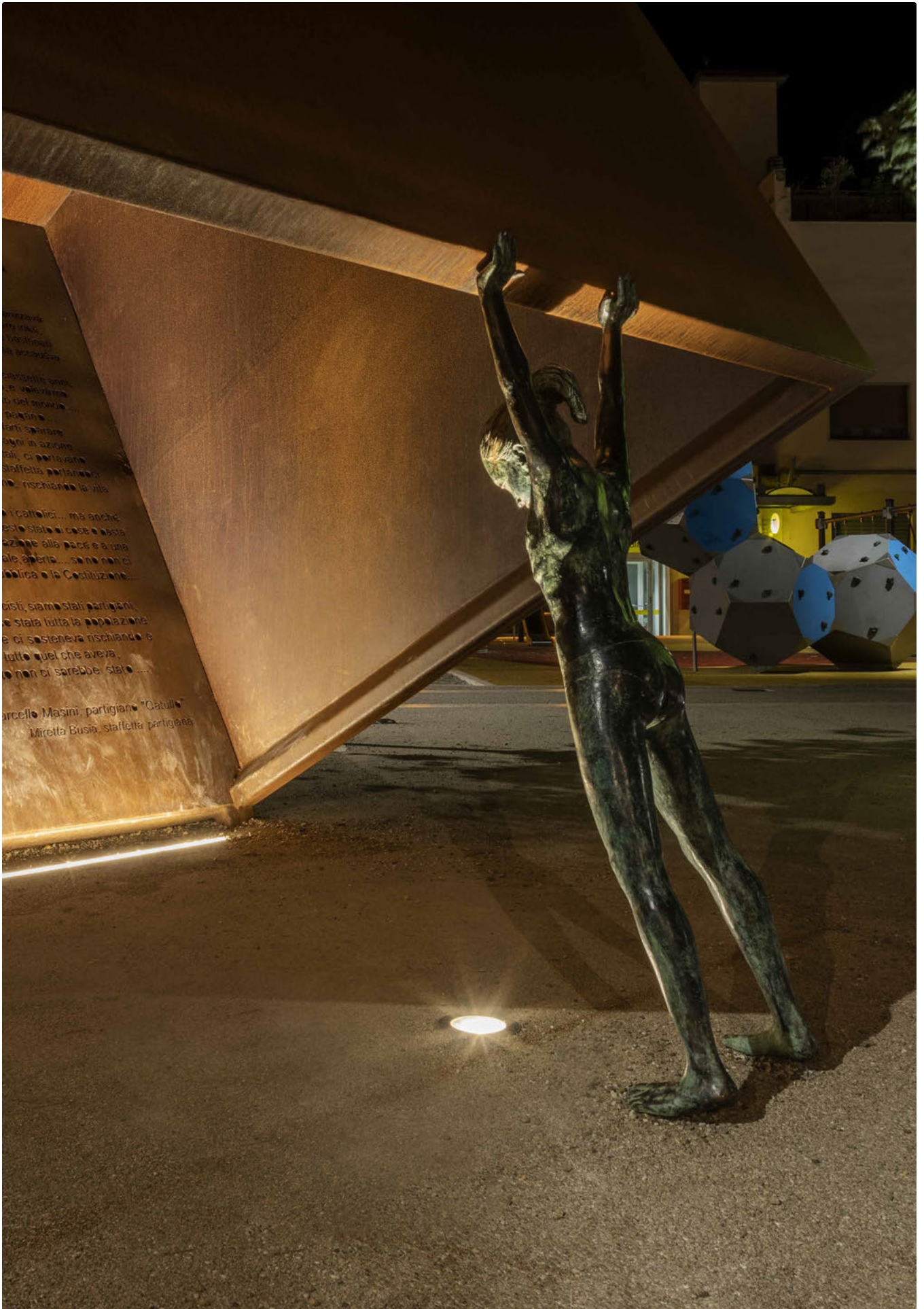


KEPLERO



A renewed high performance range of recessed up-lights with great solidity, robustness and a wide range of optical systems. Four different sizes and different lumen packages to light small sculptures to large-scale architecture.

 Inground recessed	 Accent	 Soft controlled	 Wall Washer	 Zoom	 2700K	 3000K	 4000K	 RGBW
INSTALLATION	LIGHT				COLOUR TEMPERATURE			
 On-Off	 Dali	 Casambi	 DMX	 220-240V class II	 24V class III	 IP66 IP67		 IP68 IP69
CONTROL				POWER SUPPLY		PROTECTION RATING		
 Drive-over	 Walk-over	 IK10 IK08	 Cataphoresis treatment	 Stainless Steel	 Copper Bronze	 3500K 110-277V		
RESISTANCE				FINISH		ON REQUEST		





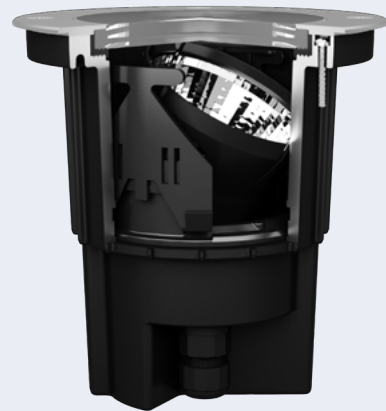
Ø280

Depth
202mm
with installation sleeve
225mm



Ø160

Depth
167mm
with installation sleeve
200mm



The Keplero range is available in 4 different sizes. All versions have high resistance, high efficiency and quality lighting effects.



Ø80

Depth
56mm
with installation sleeve
80mm



Ø50

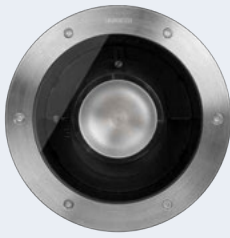
Depth
37mm
with installation sleeve
60mm



KEPLERO 280

KEPLERO 160

ZOOM



19° - 64°
Up to 3124lm

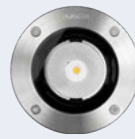


15°-61°
Up to 1221lm

FIXED



New
10° \ 29° \ 51°
Up to 4223lm



New
11° \ 18° \ 40°
Up to 1501lm



New
Steel body
11° \ 23° \ 45°
Up to 646lm

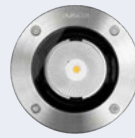
ADJUSTABLE



New
5°
1407lm



New
11° \ 21° \ 44°
Up to 3518lm



New
10° \ 30° \ 45°
Up to 1514lm

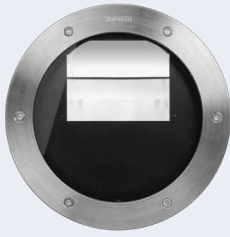


11° \ 21° \ 44°
Up to 1153lm



5°
218 lm

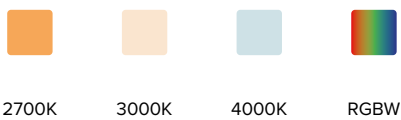
WALL WASHER



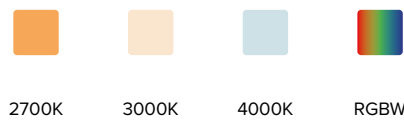
38° x 100°
2506lm



34° x 84°
968lm



2700K 3000K 4000K RGBW



2700K 3000K 4000K RGBW

KEPLERO 80

KEPLERO 50



New
21° \ 39° \ 53°
Up to 704lm



New
Honeycomb
18° \ 29° \ 38°
Up to 427lm



New
19° \ 32°
Up to 161lm



New
Honeycomb
17° \ 25°
Up to 103lm



New
Asymmetric screen
34° x 84°
up to 205lm



New
Asymmetric screen
34° x 84°
up to 32lm



2700K



3000K



4000K



2700K



3000K



4000K

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



High corrosion resistance

The die-cast body is made from a low copper content aluminium "primary alloy" which increases its corrosion resistance. 8µm anodisation, 15/40µm cataphoresis treatment and 100µm black polyester paint on the top, ensure protection to all exposed surfaces. Given this treatment Keplero can be installed up to 5 metres from the sea (no immersion), while maintaining a 5-year warranty 1400h resistance to salt spray testing.



New versions with a stainless steel body

To provide the maximum in terms of resistance to hostile environments and corrosion, Keplero 160 is also available with an AISI 316 stainless steel body.







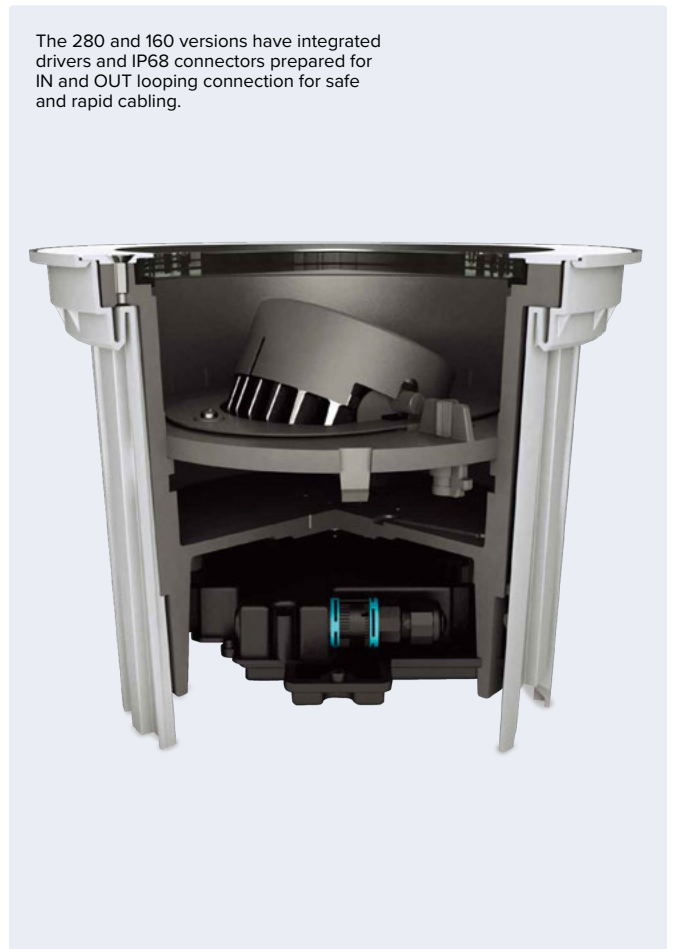
Drive-over range

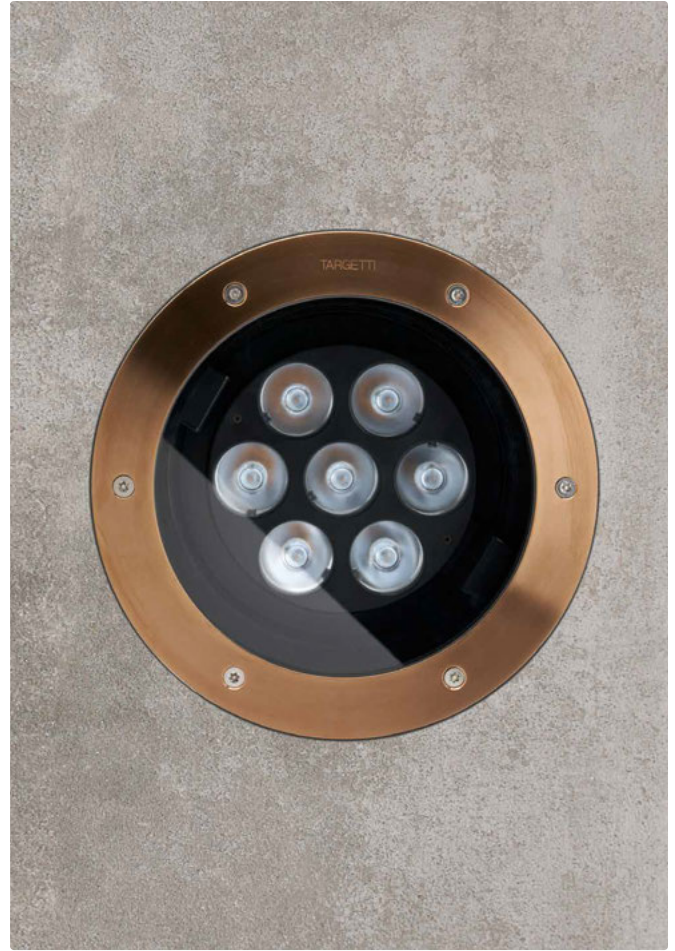
The entire Keplero range is walk-over and drive-over (IK10) in compliance with EN 60598-2-3 regulation.

Resistant to high pressure washing
The glass has a "C" shaped gasket that surrounds it and perfectly isolates the optical chamber to ensure an IP69 projection rating in compliance with IEC/EN 60529. This allows the fixture to withstand steam and high-pressure cleaning.



The 280 and 160 versions have integrated drivers and IP68 connectors prepared for IN and OUT looping connection for safe and rapid cabling.





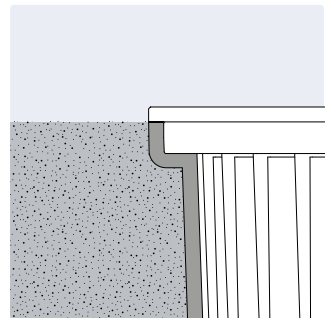
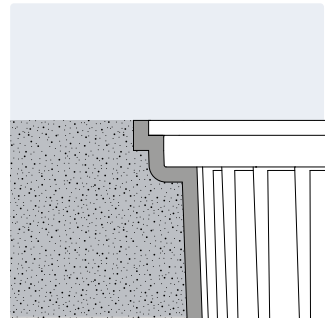
Suitable for installation in public walkways

The 280 and 160 versions are available with extra clear glass or with screen printed non-slip glass compliant with DIN 51130 R13 regulation that makes the fixtures suitable for installation in public areas to limit the risk of slipping on the glass of the fixtures in the event of rain.

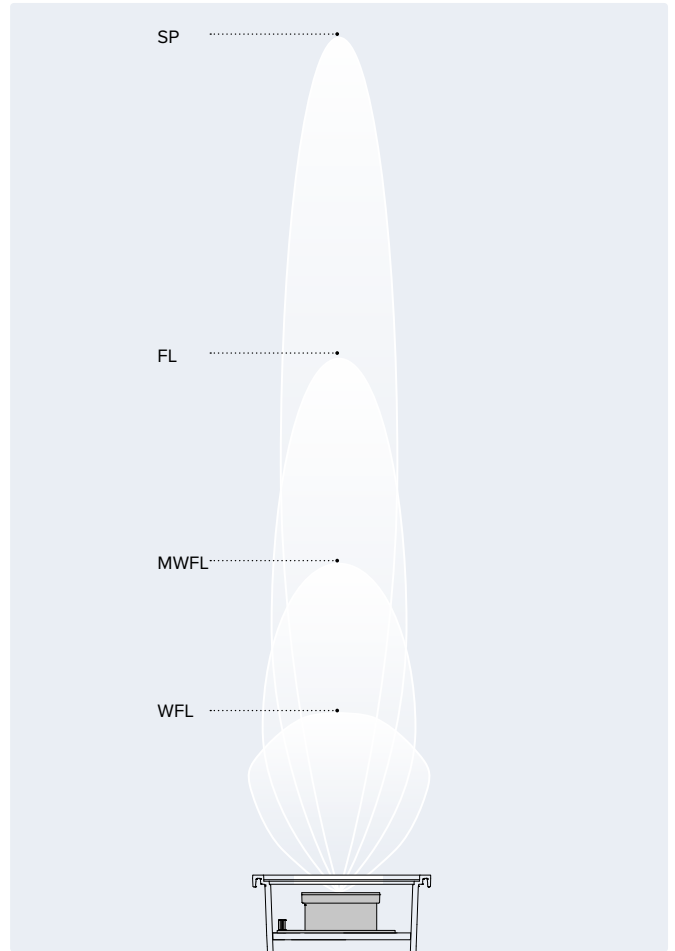
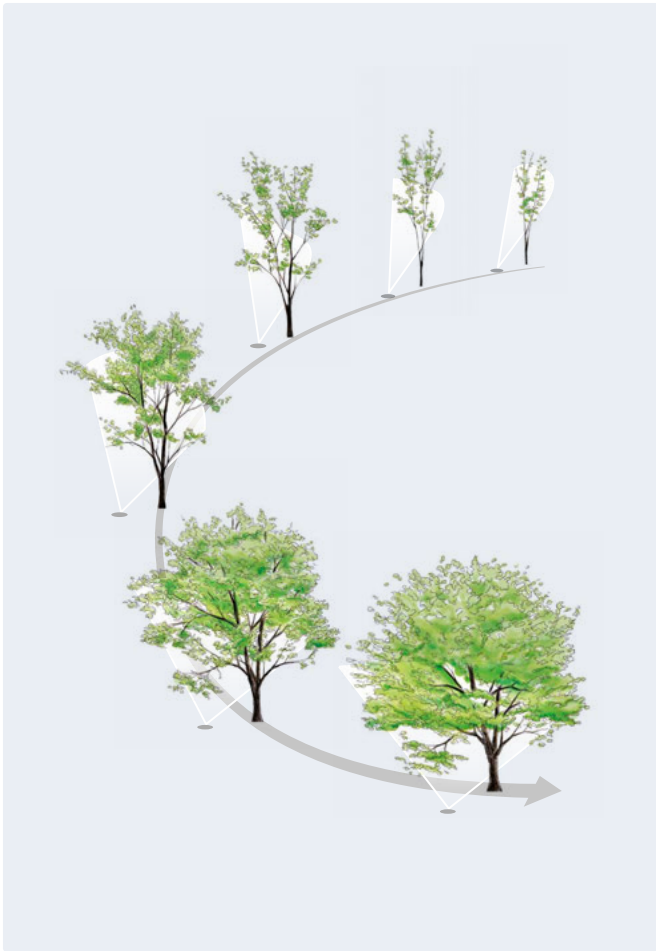
Double finish and installation type

An AISI 316L stainless steel ring with a natural finish or a PVD (Physical Vapor Deposition) copper finish for versions with larger diameters. Both finishes ensure maximum corrosion resistance.

The ring can be installed flush or protruding using the same accessory installation sleeve by simply removing the nylon frame.

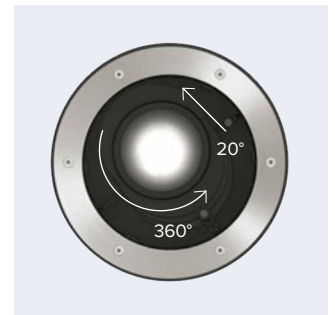


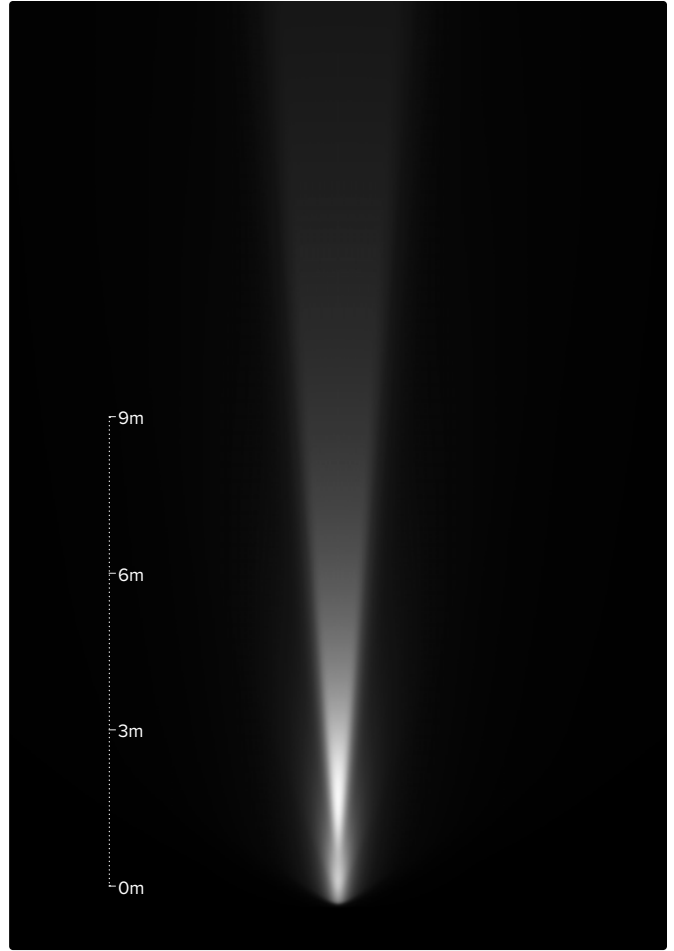




Zoom Optical system

The solidity and static nature of an inground recessed fixture contrasts with the dynamism of a unique optical system that produces numerous lighting effects. The shape of the emission can be modified using a patented Targetti optical system that makes it possible to vary the beam opening by manually moving the optical chamber. In a few small steps it is possible to pass from spot to wide flood and adjust the beam up to 20°.





Adjustable lenticular optical system
 Adjustable lenticular versions are the solution for extremely precise lighting. The PMMA lenses the LED boards are equipped with, combined with an olographic filter enhance the emission of the sources and allow for perfectly clean and precise beams. This makes Keplero suitable for lighting even very tall building facades, especially where particulars and details need to be highlighted with precision.

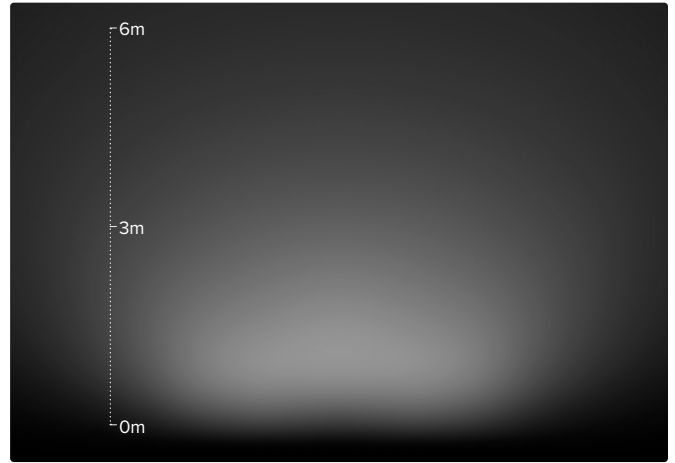


The 5° optical system is the most surprising and effective.
 With an $I_{max}=67553cd/Klm$ it is possible to light architectural elements even from great distances.



Graduated rings make it possible to adjust the aim and replicate it easily.





Fixed reflector optical system

Equipped with a fixed optical system Keplero provides high performance for quality and high efficiency lighting. Available with different beam openings Keplero 280 and Keplero 160 with fixed optical systems are equipped with reflectors for a soft lighting effect. The smaller sizes Keplero 80 and Keplero 50 have a lenticular optical system for precise and clean beams and are also available with integrated anti-glare screens.



Wall Washer optical system

The 280 version provides uniform lighting of vertical surfaces. The hybrid optical system composed of a lens, a holographic filter and a specially designed reflector, not only guarantees complete uniformity on vertical surfaces but also the "attachment" of the light is very close to the floor.

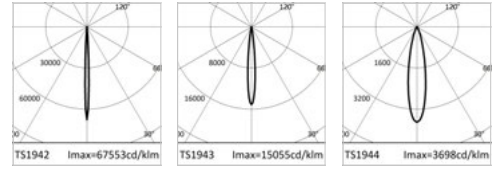




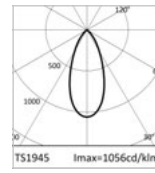
KEPLERO 280 ADJUSTABLE

Up to 96lm/W
 From 1407lm to 3518lm
 2700K - 3000K - 4000K
 Ra80

LENS



NSP 5° SP 11° FL 21°



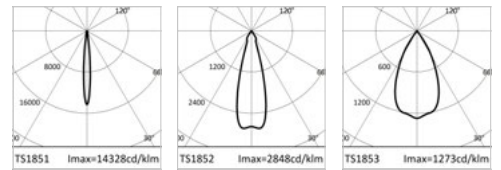
MWFL 44°



KEPLERO 280 FIXED

Up to 125lm/W
 From 4193lm to 4223lm
 2700K - 3000K - 4000K
 Ra80

REFLECTOR



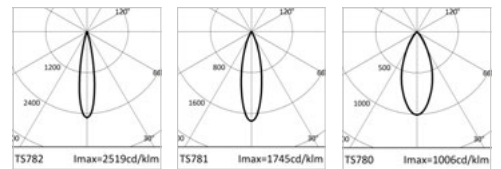
NSP 10° FL 29° MWFL 51°



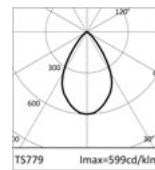
KEPLERO 280 ZOOM

Up to 91lm/W
 From 1801lm to 3124lm
 2700K - 3000K - 4000K
 Ra80

ZOOM



SP 19° FL 26° MWFL 43°



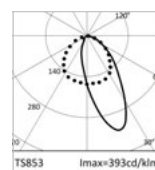
WFL 64°



KEPLERO 280 WW

Up to 73lm/W
 2506lm
 2700K - 3000K - 4000K
 Ra80

REFLECTOR



WW

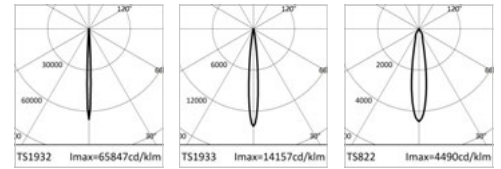
* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



KEPLERO 160 ADJUSTABLE

Up to 112lm/W
From 218lm to 1514lm
2700K - 3000K - 4000K
Ra80

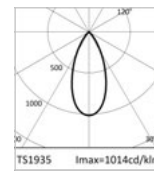
LENS



NSP 5°

SP 11°

FL 23°



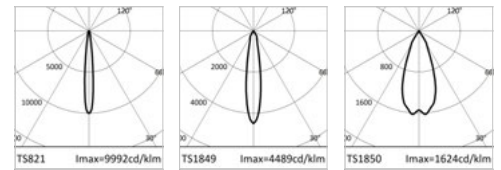
MWFL 45°



KEPLERO 160 ADJUSTABLE AND FIXED

Up to 112lm/W
From 218lm to 1514lm
2700K - 3000K - 4000K
Ra80

REFLECTOR



SP 11°

SP 18°

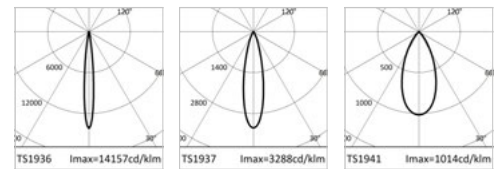
FL 40°



KEPLERO 160 STEEL FIXED

Up to 93lm/W
From 563lm to 646lm
3000K - 4000K
Ra80

LENS



SP 11°

FL 23°

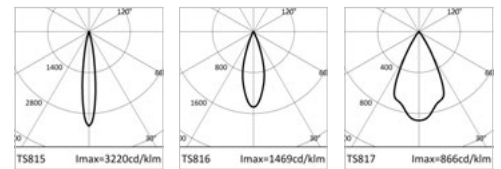
MWFL 45°



KEPLERO 160 ZOOM

Up to 95lm/W
From 661lm to 1221lm
2700K - 3000K - 4000K
Ra80

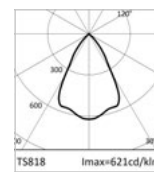
ZOOM



SP 15°

FL 32°

MWFL 53°



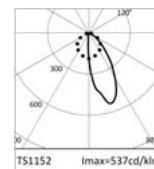
WFL 61°



KEPLERO 160 WALL WASHER

Up to 72lm/W
968lm
2700K - 3000K - 4000K
Ra80

REFLECTOR

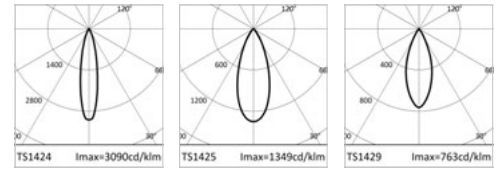


WW



KEPLERO 80 FIXED
 Up to 107lm/W
 From 182lm to 704lm
 2700K - 3000K - 4000K
 Ra80

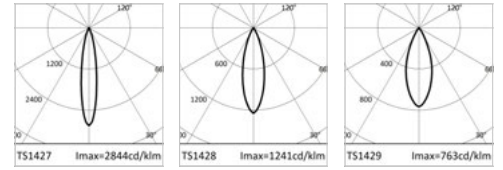
LENS



SP 21°

FL 39°

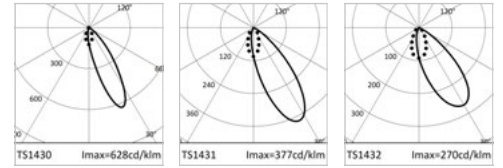
WFL 53°



SP +
Honeycomb

FL +
Honeycomb

MWFL +
Honeycomb



MFL + Asymmetric
screen

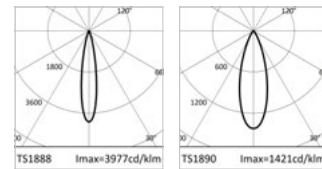
FL + Asymmetric
screen

MWL + Asymmetric
screen



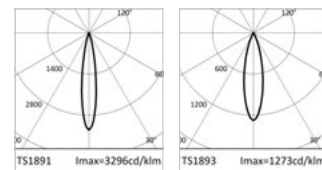
KEPLERO 50 FIXED
 Up to 60lm/W
 From 29lm to 161lm
 2700K - 3000K - 4000K
 Ra80

LENS



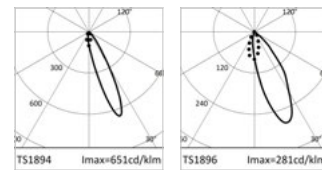
SP 19°

FL 32°



SP +
Honeycomb

FL +
Honeycomb



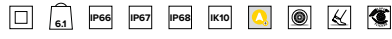
SP + Asymmetric
screen

FL + Asymmetric
screen

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

KEPLERO 280 Adjustable

220-240Vac | Ra80 | Fixture flux 3000K from 1407lm to 3518lm

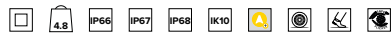


Product	Optic	Ra+K		Driver	Glass		Colour
E013	VNL NSP 5° - 16W	827	Ra80 2700K	EL ON-OFF	C Clear	SS	
	SPL SP 11° - 39W	830	Ra80 3000K	DA DALI	A Anti-slip	CB	
	MFL FL 21° - 39W	840	Ra80 4000K				
	FLL MWFL 44° - 39W						

Note All lighting fixtures have to be completed with installation sleeves.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 390.

KEPLERO 280 Fixed

220-240Vac | Ra80 | Fixture flux 3000K from 4193lm to 4223lm

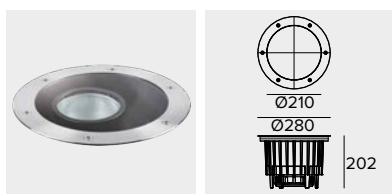


Product	Optic	Ra+K		Driver	Glass		Colour
E014	NSR NSP 10° - 35W	827	Ra80 2700K	EL ON-OFF	C Clear	SS	
	MFR FL 29° - 34W	830	Ra80 3000K	DA DALI	A Anti-slip	CB	
	MWR WFL 51° - 34W	840	Ra80 4000K				

Note All lighting fixtures have to be completed with installation sleeves.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 390.

KEPLERO 280 Zoom

220-240Vac | Ra80 | Fixture flux 3000K from 1801lm to 3124lm

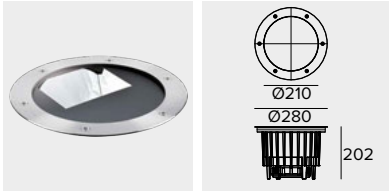
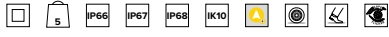


Product	Optic	Ra+K		Driver	Glass		Colour
E013	ZMH SP 19°, FL 26°, MWFL 43°, WFL 64° 35W	827	Ra80 2700K	EL ON-OFF	C Clear	SS	
		830	Ra80 3000K	DA DALI	A Anti-slip	CB	
		840	Ra80 4000K				

Note All lighting fixtures have to be completed with installation sleeves.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 390.

KEPLERO 280 Wall Washer

220-240Vac | Ra80 | Fixture flux 3000K 2506lm



Product	Optic	Ra+K		Driver		Glass		Colour
E013	WWH WW - 35W	827	Ra80 2700K	EL	ON-OFF	C	Clear	SS
		830	Ra80 3000K	DA	DALI	A	Anti-slip	CB
		840	Ra80 4000K					

Note

All lighting fixtures have to be completed with installation sleeves.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 390.

KEPLERO 280 Zoom RGBW

120-277V | Fixture flux up to 1403lm | RGBW W=4000K



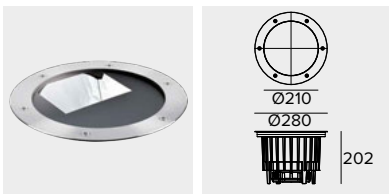
Product	Optic	Ra+K		Driver		Glass		Colour
E013	ZMH SP 23°, FL 32°, MWFL 51°, WFL 72° 56W	RGW	RGBW	MX	DMX RDM	C	Clear	SS
						A	Anti-slip	CB

Note

All lighting fixtures have to be completed with installation sleeves.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 390.

KEPLERO 280 Wall Washer RGBW

120-277V | Fixture flux up to 1091lm | RGBW W=4000K



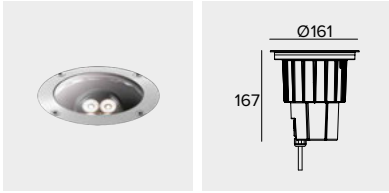
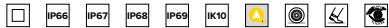
Product	Optic	Ra+K		Driver		Glass		Colour
E013	WWH WW - 56W	RGW	RGBW	MX	DMX RDM	C	Clear	SS
						A	Anti-slip	CB

Note

All lighting fixtures have to be completed with installation sleeves.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 390.

KEPLERO 160 Adjustable

110-240V | Ra80 | Fixture flux 3000K from 218lm to 1514lm



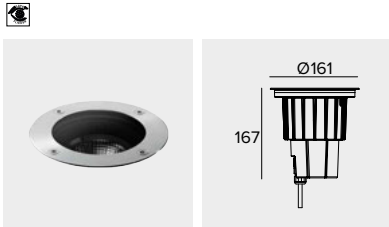
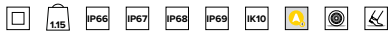
Product	Optic	Ra+K		Driver	Glass		Colour
E015	VNL NSP 5° - 5W	827	Ra80 2700K	EL ON-OFF	C	Clear	SS
	SPL SP 11° - 13W	830	Ra80 3000K	DA DALI	A	Anti-slip	CB
	MFL FL 23° - 13W	840	Ra80 4000K				
	FLL MWFL 45° - 13W						
	SPR SP 11° - 14W						
	MFR SP 18° - 14W						
	FLR FL 40° - 14W						

Note 2700K colour temperature not available for versions with SPL, MFL, FLL optics.

All lighting fixtures have to be completed with installation sleeves.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 392.

KEPLERO 160 Fixed

110-240V | Ra80 | Fixture flux 3000K from 1486lm to 1501lm

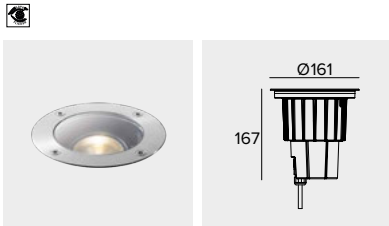
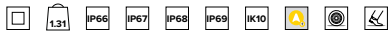


Product	Optic	Ra+K		Driver	Glass		Colour
E016	SPR SP 11° - 14W	827	Ra80 2700K	EL ON-OFF	C	Clear	SS
	MFR SP 18° - 14W	830	Ra80 3000K	DA DALI	A	Anti-slip	CB
	FLR FL 40° - 14W	840	Ra80 4000K				

Note All lighting fixtures have to be completed with installation sleeves.
 IP68: the fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 392.

KEPLERO 160 Zoom

110-240V | Ra80 | Fixture flux 3000K from 661lm to 1221lm

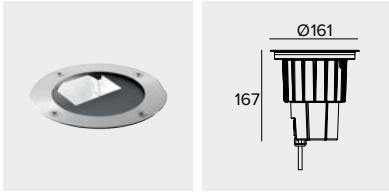
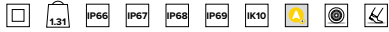


Product	Optic	Ra+K		Driver	Glass		Colour
E015	ZMH SP 15°, FL 32° MWFL 53°, WFL 61° 14W	827	Ra80 2700K	EL ON-OFF	C	Clear	SS
		830	Ra80 3000K	DA DALI	A	Anti-slip	CB
		840	Ra80 4000K				

Note All lighting fixtures have to be completed with installation sleeves.
 IP68: the fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 392.

KEPLERO 160 Wall Washer

110-240V | Ra80 | Fixture flux 3000K 968lm



Product	Optic	Ra+K	Driver	Glass	Colour
E016	WWH WW - 14W	827 Ra80 2700K	EL ON-OFF	C Clear	SS
		830 Ra80 3000K	DA DALI	A Anti-slip	CB
		840 Ra80 4000K			

Note

All lighting fixtures have to be completed with installation sleeves.
 IP68: the fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 392.

KEPLERO 160 Adjustable RGBW

450mA | Fixture flux up to 657lm | RGBW W=6500K



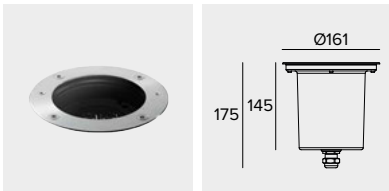
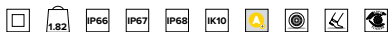
Product	Optic	Ra+K	Driver	Glass	Colour
E015	SPR SP 18° - 15W	RGW RGBW	MX DMX	C Clear	SS
	FLR FL 33° - 15W			A Anti-slip	CB
	MWR MWFL 49° - 15W				

Note

All lighting fixtures have to be completed with installation sleeves.
 IP68: the fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 392.

KEPLERO 160 Stainless steel

220-240Vac | Ra80 | Fixture flux 3000K from 563lm to 646lm



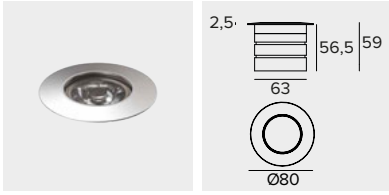
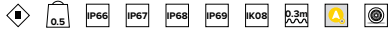
Product	Optic	Ra+K	Driver	Glass	Colour
E017	SPL SP 11° - 7W	830 Ra80 3000K	EL ON-OFF	C Clear	SS
	FLL FL 23° - 7W	840 Ra80 4000K	DA DALI	A Anti-slip	CB
	MFL MWFL 45° - 7W				

Note

All lighting fixtures have to be completed with installation sleeves.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances.
 Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children.
 Related codes and accessory codes on page 392.

KEPLERO 80

24Vdc | Ra80 | Fixture flux 3000K from 673lm to 704lm

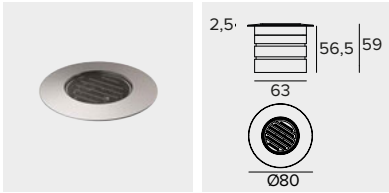
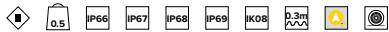


Product	Optic	Ra+K		Driver	Glass	Colour
E021	SPL SP 21° - 7W	827	Ra80 2700K	24 24Vdc	C Clear	SS
	FLL FL 39° - 7W	830	Ra80 3000K			
	WFL WFL 53° - 7W	840	Ra80 4000K			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 396.

KEPLERO 80 | Asymmetric screen

24Vdc | Ra80 | Fixture flux 3000K from 182lm to 205lm

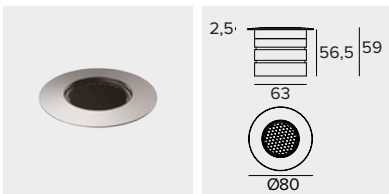
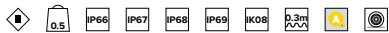


Product	Optic	Ra+K		Driver	Glass	Colour
E022	MFL SP - ASYM - 7W	827	Ra80 2700K	24 24Vdc	C Clear	SS
	FLL FL - ASYM - 7W	830	Ra80 3000K			
	MWL WFL - ASYM - 7W	840	Ra80 4000K			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 396.

KEPLERO 80 | Honeycomb

24Vdc | Ra80 | Fixture flux 3000K from 331lm to 427lm

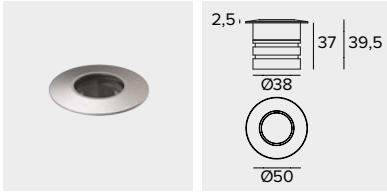
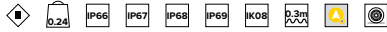


Product	Optic	Ra+K		Driver	Glass	Colour
E023	SPL SP 18° - 7W	827	Ra80 2700K	24 24Vdc	C Clear	SS
	FLL FL 29° - 7W	830	Ra80 3000K			
	MWL FL 38° - 7W	840	Ra80 4000K			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 396.

KEPLERO 50

24Vdc | Ra80 | Fixture flux 3000K from 147lm to 161lm

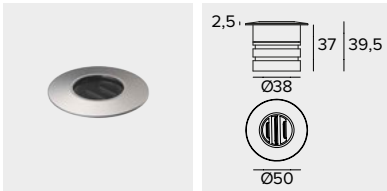
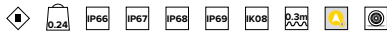


Product	Optic	Ra+K	Driver	Glass	Colour
E018	SPL SP 19° - 3W	827 Ra80 2700K	24 24Vdc	C Clear	SS
	FLL FL 32° - 3W	830 Ra80 3000K			
		840 Ra80 4000K			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 397.

KEPLERO 50 | Asymmetric screen

24Vdc | Ra80 | Fixture flux 3000K from 29lm to 32lm

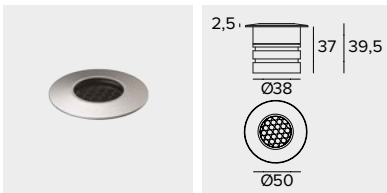


Product	Optic	Ra+K	Driver	Glass	Colour
E019	SPL SP - ASYM - 3W	827 Ra80 2700K	24 24Vdc	C Clear	SS
	FLL FL - ASYM - 3W	830 Ra80 3000K			
		840 Ra80 4000K			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 397.

KEPLERO 50 | Honeycomb

24Vdc | Ra80 | Fixture flux 3000K from 82lm to 103lm



Product	Optic	Ra+K	Driver	Glass	Colour
E020	SPL SP 17° - 3W	827 Ra80 2700K	24 24Vdc	C Clear	SS
	MFL FL 25° - 3W	830 Ra80 3000K			
		840 Ra80 4000K			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 397.

Related codes and accessories

KEPLERO 280

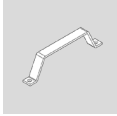


Related codes

Sleeve

	Code
	1E2394
<p>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.</p>	


Accessory codes

Tool

	Code		Code
	1E2496		1E2495
<p>Metal handle for fixture removal</p>		<p>Features TORX HEAD, TX 30.</p>	
	Code		Code
	1E0388		
<p>Sucker tool to raise the glass.</p>			

Accessory codes KEPLERO 280 Adjustable

Grid

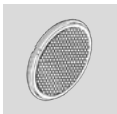
	Code
	A062
<p>Anti-glare louver. Black painted metal honeycomb structure. The louver is complete with a filter holder ring.</p>	

Filter

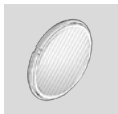
	Code
	A063
<p>Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. The accessory is complete with a filter holder ring.</p>	

Accessory codes KEPLERO 280 Fixed

Grid


	Code
	A060
<p>Anti-glare louver. Black painted metal honeycomb structure. The louver is complete with a filter holder ring.</p>	

Filter

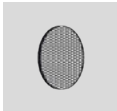
	Code
	A061
<p>Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. The accessory is complete with a filter holder ring.</p>	

Accessory codes KEPLERO 280 Zoom | KEPLERO 280 Zoom RGBW


Filter

	Ø mm	Code
	101	1T1696
<p>Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.</p>		

Grid

	Ø mm	Code
	101	1T1699
<p>Anti-glare louver. Black painted metal honeycomb structure.</p>		

Shutter

	Colour	Code
	●	1E2402
<p>Half-moon shutter.</p>		

Related codes and accessories

KEPLERO 280

Accessory codes KEPLERO 280 Monochromatic

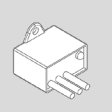
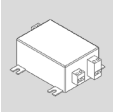
Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Control systems


	Code		Code
	1E3048		1E4369
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

Surge protector

	Code		Code
	A013B		A013D
Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67		Surge protector compatible with CLASS II lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP65	


Accessory codes KEPLERO 280 RGBW

Connector

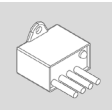
	Code
	1E3184
IP68 4-way cable connector (5 pole).	

Control systems

	Code		Code
	1E2767		1T1898
USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.	

	Code
	1T6499
myScenario Wall. More details on page 678.	


Surge protector

	Code
	A013A
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67	

Related codes and accessories




KEPLERO 160

Related codes

	Ø mm	H mm	Code
	166	200	1E2521
Installation sleeve. Grey Nylon casing. Round and square ring for semi-flush installation. Only round ring for flush installation.			



Accessory codes

Tool

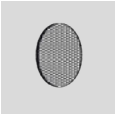
	Code		Code
	1E0388		1E2495
Sucker tool to raise the glass.		Features TORX HEAD, TX 30.	
	1E2524		
Metal handle for fixture removal			

Accessory codes KEPLERO 160 Adjustable


Filter

	Ø mm	Code		Ø mm	Code
	70	1T1708		50	1T4721
Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with accessory holder ring 1T3727 (reflector optics only). Cannot be used with VNL optics.			PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics. To be used with VNL optics.		


Grid

	Ø mm	Code		Ø mm	Code
	70	1T1711		50	1T4322
Anti-glare louver. Black painted metal honeycomb structure. To be completed with accessory holder ring 1T3727 (reflector optics only). Cannot be used with VNL optics.			Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter. To be used with VNL optics.		

Holder Ring

	Code
	1T3727
Transparent polycarbonate accessory holder ring.	

Shutter


	Colour	Code
	●	1E2523
Black half-moon shutter.		

Related codes and accessories

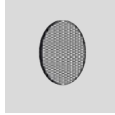
KEPLERO 160

Accessory codes KEPLERO 160 Fixed


Filter

	Ø mm	Code
	70	1T1708
Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent. To be completed with a dedicated holder ring 1T3727.		

Grid


	Ø mm	Code
	70	1T1711
Anti-glare louver. Black painted metal honeycomb structure. To be completed with a dedicated holder ring 1T3727.		

Holder Ring


	Code
	1T3727
Transparent polycarbonate accessory holder ring.	

Accessory codes KEPLERO 160 Zoom


Filter

	Ø mm	Code
	70	1T1708
Flat striped glass blade light refractive filter. This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.		

Grid

	Ø mm	Code
	70	1T1711
Anti-glare louver. Black painted metal honeycomb structure.		

Shutter



	Colour	Code
	●	1E2523
Black half-moon shutter.		

Related codes and accessories

KEPLERO 160

Accessory codes KEPLERO 160 Monochromatic

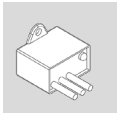
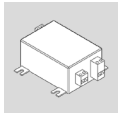
Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Control systems

	Code		Code
	1E3048		1E4369
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

Surge protector

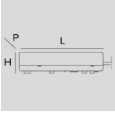
	Code		Code
	A013B		A013D
Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67		Surge protector compatible with CLASS II lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP65	

Related codes and accessories

KEPLERO 160


Related codes and accessories KEPLERO 160 RGBW

Power Supply

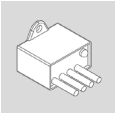
	Code
	1E3881
	DMX 4 channel driver - 450mA. 50W, LxHxP=220x80x120mm, 110-277Vac. IP68 gray powder coated aluminum box.

Control systems

	Code		Code
	1E2767		1T1898
	USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.

	Code
	1T6499
	myScenario Wall. More details on page 678.

Surge protector

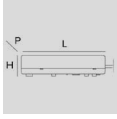
	Code
	A013A
	Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67

Related codes and accessories


KEPLERO 80

Related codes

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	79x25x38	14,4W	220-240Vac	24Vdc	IP67	1E4359
	122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588
	Electronic power supply.					

Sleeve




	Ø mm	H mm	Code
	75	80	1E3460
Installation sleeve.			

Accessory codes

Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Control systems

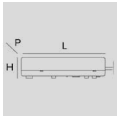
	Code		Code
	1T6581		1E3048
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20		IP67 wireless control unit with DALI interface. More details on page 672.	
	Code		
	1E4369		
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.			

Related codes and accessories

KEPLERO 50


Related codes

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	79x25x38	14,4W	220-240Vac	24Vdc	IP67	1E4359
	122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

Electronic power supply.

Sleeve

	Ø mm	H mm	Code
	44	60	1E3470




Installation sleeve.

Accessory codes

Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	













Control systems

	Code		Code
	1T6581		1E3048
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20		IP67 wireless control unit with DALI interface. More details on page 672.	
	1E4369		
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.			

TITANO

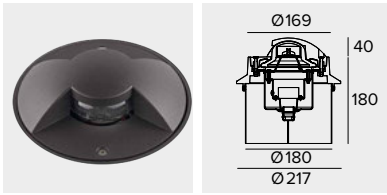
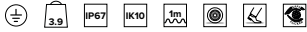


Titano is an in-ground semi-recessed fixture for grazing lighting of the ground, with mono-directional, bi-directional or multi-directional emission. The optical system was designed for controlled vertical emission and a glare-free effect, but extremely effective on horizontal surfaces.

			
Inground recessed	Radial	3000K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE	
			
On-Off	220-240V	Drive-over	Walk-over
CONTROL	POWER SUPPLY	RESISTANCE	FINISH
			
IP67	Cataphoresis treatment	IK10	Ferrite
PROTECTION RATING	ON REQUEST		

TITANO LED

220-240Vac | Ra80 | Fixture flux 3000K from 47lm to 158lm



Emission	Driver	Colour	3000K	4000K
MONO-DIRECTIONAL EMISSION 6W	ON-OFF	●	1E2770	1E2771
BI-DIRECTIONAL EMISSION 6W	ON-OFF	●	1E2772	1E2773
MULTIDIRECTIONAL 6W	ON-OFF	●	1E2774	1E2775

Note Accessory codes on page 399.

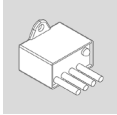
Accessory codes

TITANO LED

Connector

	Code		Code
	1E2769		1E2494
























Surge protector

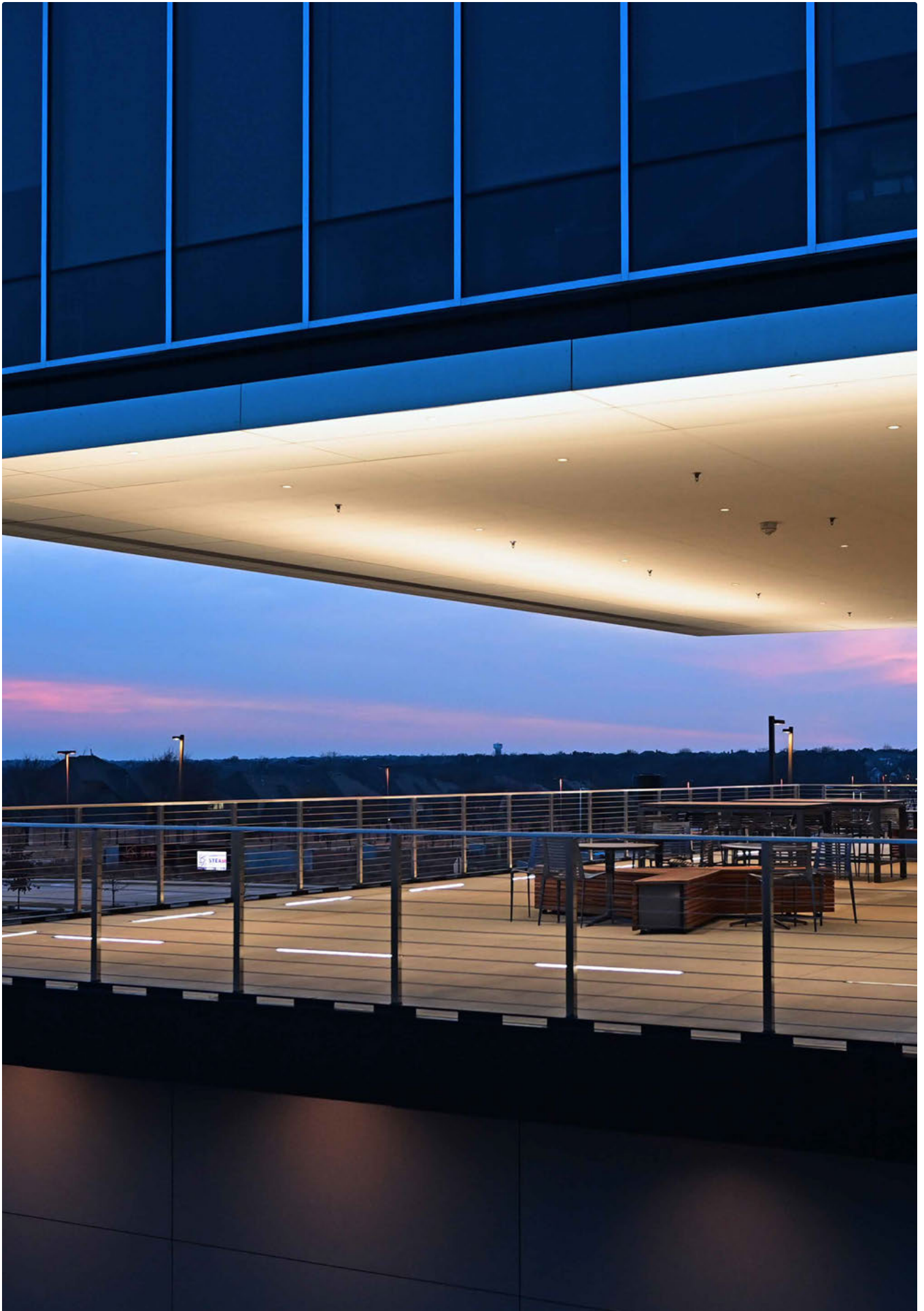
	Code
	A013A

JEDI RECESSED



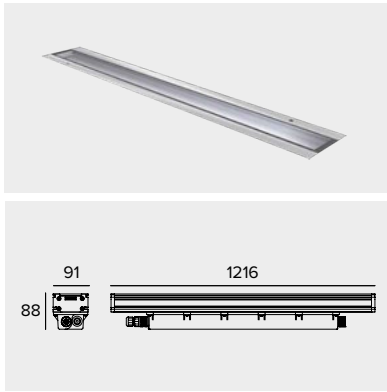
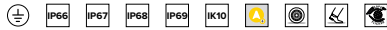
Jedi recessed linear fixtures provide maximum load and vandal resistance. The different lengths and light distributions available make it a flexible tool that can consistently provide solutions to various project needs in the public or private sector. The body is completely sealed with external electrical connection via IP68 connectors for rapid Plug & Light installation and continuous row installation is possible using accessories. New RGBW versions are also available.

 Inground recessed	 Direct	 Accent	 Soft controlled	 Wall Washer	 Grazing	 3000K	 4000K	 RGBW	
INSTALLATION		EMISSION		LIGHT			COLOUR TEMPERATURE		
 On-Off	 1-10V Dimming	 Dali	 Casambi	 DMX	 Integrated Driver	 Drive-over	 Walk-over	 IK10	
CONTROL			POWER SUPPLY			RESISTANCE			
 IP67	 IP68	 IP69	 Aluminium	 ON REQUEST					
PROTECTION RATING			FINISH		ON REQUEST				



JEDI Recessed | L. 1216mm

220-240Vac | Ra80 | Fixture flux 3000K from 3120lm to 5922lm

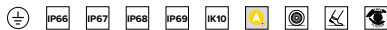


Optic	Driver	Colour	3000K	4000K
SP 51W	ON-OFF	●	1E2745	1E2746
	DALI	●	1E2747	1E2748
FL 53W	ON-OFF	●	1E2709	1E2710
	DALI	●	1E2711	1E2712
GRZ 53W	ON-OFF	●	1E2685	1E2686
	DALI	●	1E2687	1E2688
WW 53W	ON-OFF	●	1E2733	1E2734
	DALI	●	1E2735	1E2736

Note IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
IP69: IEC/EN 60529 standard compliant.
Related codes and accessory codes on page 404.

JEDI Recessed | L. 916mm

220-240Vac | Ra80 | Fixture flux 3000K from 2341lm to 4441lm

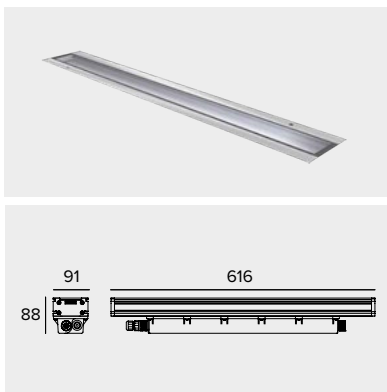
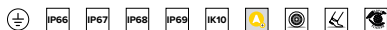


Optic	Driver	Colour	3000K	4000K
SP 40W	ON-OFF	●	1E2741	1E2742
	DALI	●	1E2743	1E2744
FL 40W	ON-OFF	●	1E2701	1E2702
	DALI	●	1E2703	1E2704
GRZ 40W	ON-OFF	●	1E2677	1E2678
	DALI	●	1E2679	1E2680
WW 40W	ON-OFF	●	1E2725	1E2726
	DALI	●	1E2727	1E2728

Note IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
IP69: IEC/EN 60529 standard compliant.
Related codes and accessory codes on page 404.

JEDI Recessed | L. 616mm

220-240Vac | Ra80 | Fixture flux 3000K from 1560lm to 2961lm



Optic	Driver	Colour	3000K	4000K
SP 28W	ON-OFF	●	1E2737	1E2738
	DALI	●	1E2739	1E2740
FL 28W	ON-OFF	●	1E2693	1E2694
	DALI	●	1E2695	1E2696
GRZ 28W	ON-OFF	●	1E2669	1E2670
	DALI	●	1E2671	1E2672
WW 28W	ON-OFF	●	1E2717	1E2718
	DALI	●	1E2719	1E2720

Note IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
IP69: IEC/EN 60529 standard compliant.
Related codes and accessory codes on page 404.

JEDI Recessed RGBW | L. 1216mm
 220-240Vac | Fixture flux up to 2838lm | RGBW W=3000K



Optic	Driver	Colour	RGBW
FL 55W	DMX RDM	●	1E4246
GRZ 55W	DMX RDM	●	1E4247
WW 55W	DMX RDM	●	1E4248

Note IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 405.

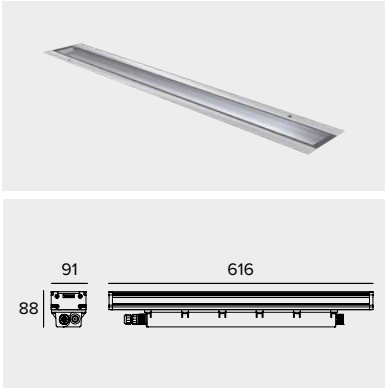
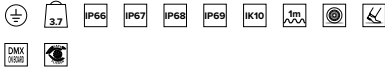
JEDI Recessed RGBW | L. 916mm
 220-240Vac | Fixture flux up to 2129lm | RGBW W=3000K



Optic	Driver	Colour	RGBW
FL 41W	DMX RDM	●	1E4243
GRZ 41W	DMX RDM	●	1E4244
WW 41W	DMX RDM	●	1E4245

Note IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 405.

JEDI Recessed RGBW | L. 616mm
 220-240Vac | Fixture flux up to 1419lm | RGBW W=3000K



Optic	Driver	Colour	RGBW
FL 28W	DMX RDM	●	1E4240
GRZ 28W	DMX RDM	●	1E4241
WW 28W	DMX RDM	●	1E4242

Note IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 405.

Related codes and accessories

JEDI Recessed

Accessory codes

Cable

	L mm	Code
	320	1E2762
	470	1E2763
	620	1E2764
	770	1E2765

Connection cable.
 Complete with 5 pole connectors.
 For the ON-OFF and DALI version.
1E2762 - For in line adjacent connection of one 600mm projector with one 900mm projector.
1E2763 - For in line adjacent connection of one 600mm projector with one 1200mm projector or two 900mm projectors.
1E2764 - For in line adjacent connection of one 900mm projector with one 1200mm projector.
1E2765 - For in line adjacent connection of two 1200mm projectors.

Connector

	Code
	1E2769

Linear connection box IP66/IP68.
 5 poles max. wire section 1.5mm².
 Cable diameter range from 7 to 12mm.

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
 More details on page 672.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
 More details on page 672.

Surge protector

	Code
	A013C

Surge protector compatible with CLASS I lighting fixtures.
 DALI, DMX, 0-10V datalines compliance.
 Operating voltage 230Vac.
 SPD type 2+3.
 Max surge protection 10kV.
 CLASS I
 IP20


Related codes and accessories

JEDI Recessed RGBW

Accessory codes

Control systems

	Code		Code
 <p>USB-RDM Programmer code. More details on page 678.</p>	<p>1E2767</p>	 <p>my-SCENARIO Show Store. More details on page 678.</p>	<p>1T1898</p>


	Code
 <p>myScenario Wall. More details on page 678.</p>	<p>1T6499</p>

Related codes and accessories

JEDI | Codes compatible with the whole range


Related codes

Insertion Box

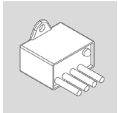
	L mm	Code
	618	1E3507
	918	1E3508
	1218	1E3509
<p>Extruded anodized aluminium insertion box.</p>		

Accessory codes

Tool

	Code
 <p>Features TORX HEAD, TX 30.</p>	<p>1E2495</p>























Surge protector

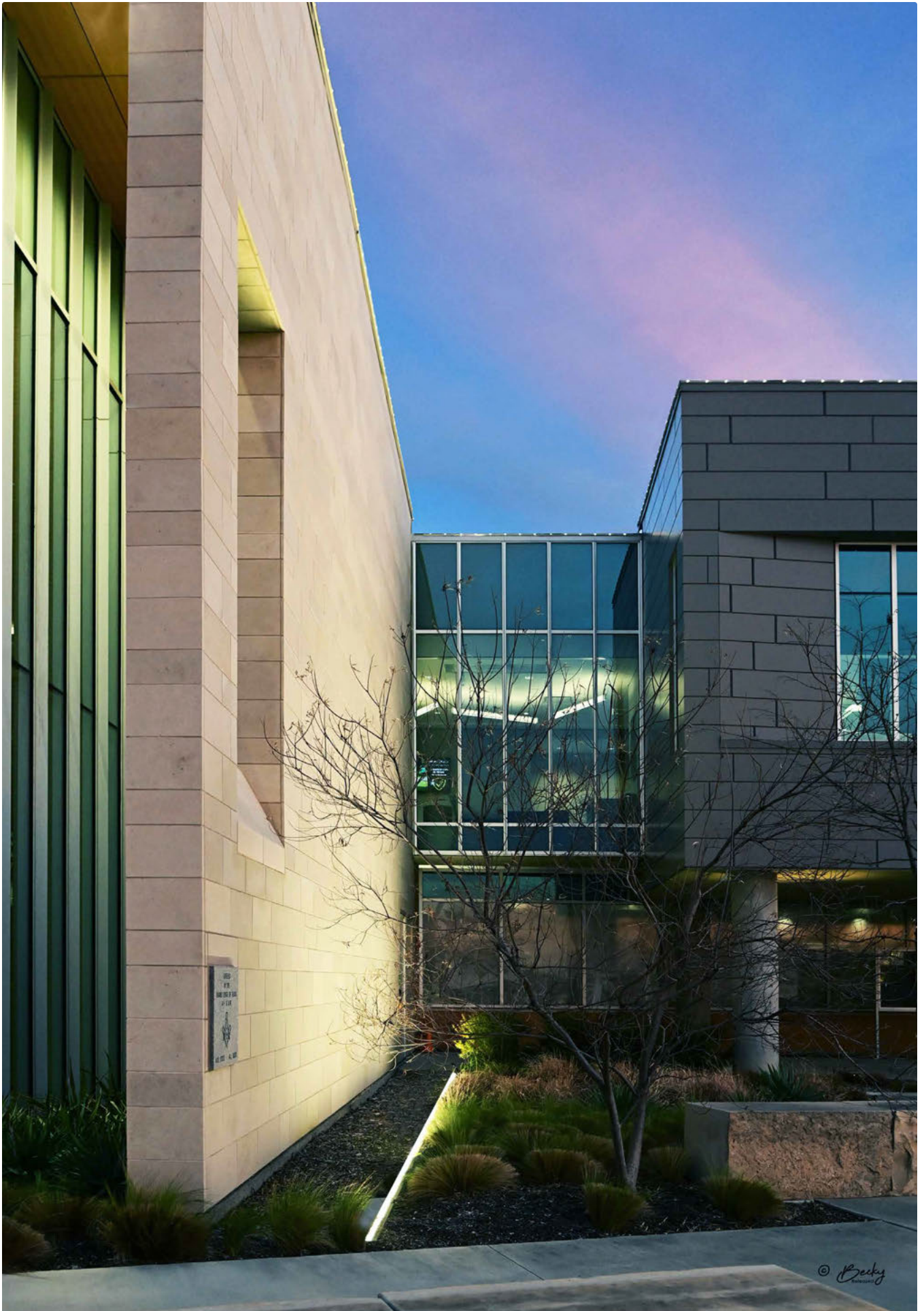
	Code
 <p>Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67</p>	<p>A013A</p>

JEDI COMPACT RECESSED



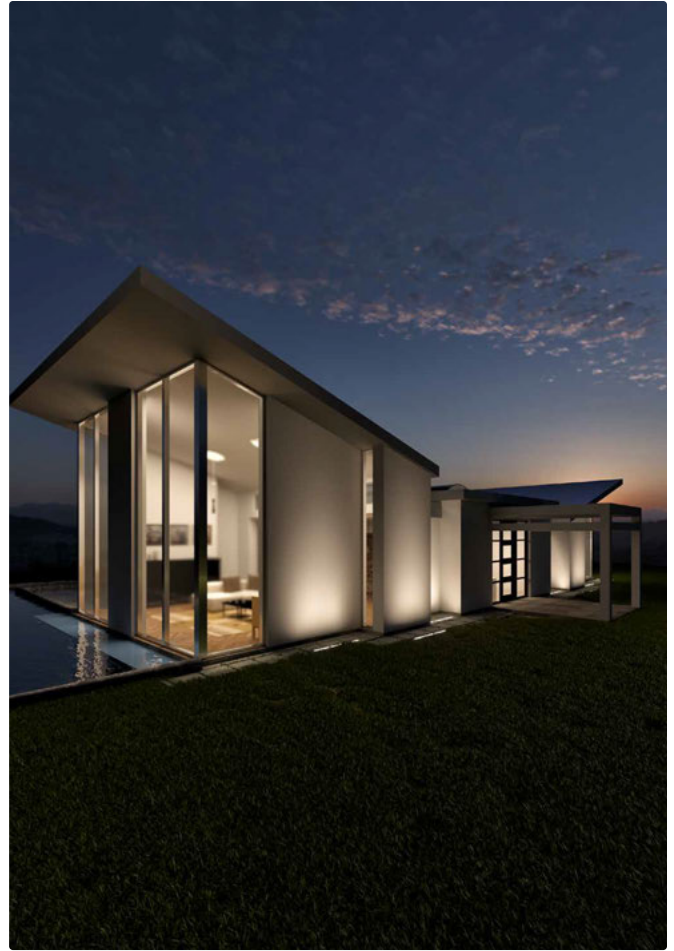
Recessed Jedi Compact is a very high performance fixture with an extremely compact size. Versions are available with remote and integrated drivers, both of which can be installed with special outer casings, to meet all installation needs. RGBW versions are also available with quadri-chip technology for perfect colour mixing and high quality coloured light.

 Recessed		 Accent			 Soft controlled	 Wall Washer	 Grazing						
INSTALLATION		LIGHT											
 2700K		 3000K		 3500K	 4000K	 RGBW	 On-Off	 Dali	 Casambi	 DMX			
COLOUR TEMPERATURE					CONTROL								
 500mA remote driver		 220-240V integrated driver		 Walk-over		 IK08		 IP66 IP67		 IP68 IP69		 Aluminium	 110-277V power supply Ra90
POWER SUPPLY		RESISTANCE		PROTECTION RATING		FINISH	ON REQUEST						





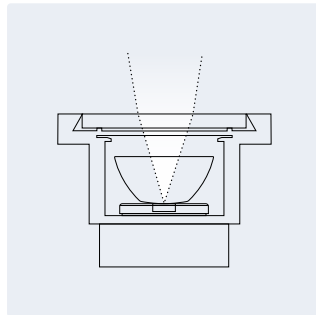




Optic with lenses

The JEDI range is equipped with an exclusive optical system with acrylic lenses positioned on every single LED emitter for an extremely narrow and controlled beam. The optical system with lenses provides a clear and clean vertical emission limited laterally to the length of the fixture only. The following beam openings are available for JEDI and JEDI Compact:

- **Spot**

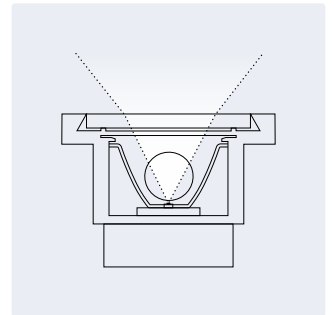


Spot – Accent light for precise and focused effects

Hybrid optical system

The patented hybrid optical system is composed of a linear LED board with a cylindrical glass primary lens combined with a highly reflective anodised aluminium reflector and a holographic filter that softens emission. The following effects can be obtained with this optical system:

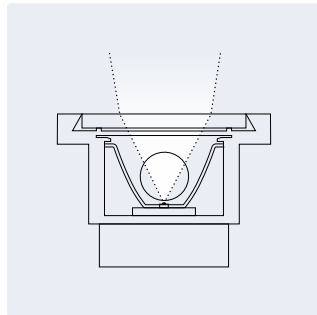
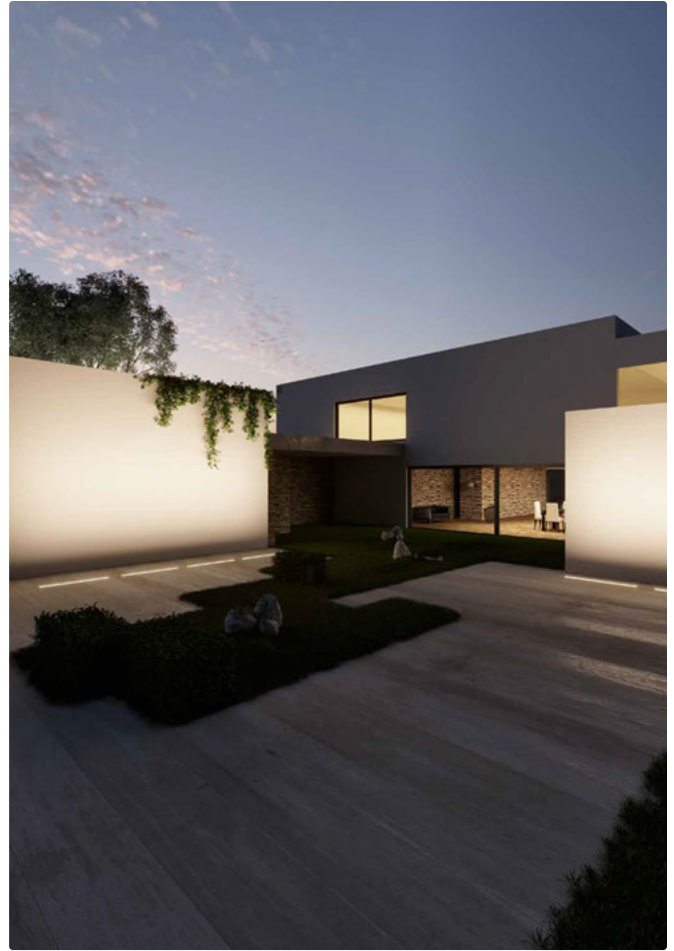
- **Flood**
- **Grazing**
- **Wall washer**



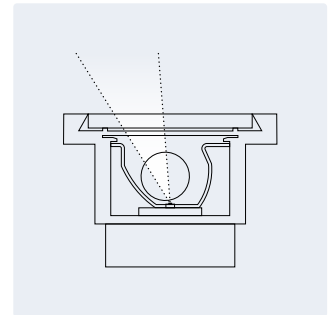
Flood – Soft controlled light for localised effects

Lighting effects

Jedi has two optical systems both designed by the Targetti Optic Division: hybrid and with lenses that provide different lighting effects.



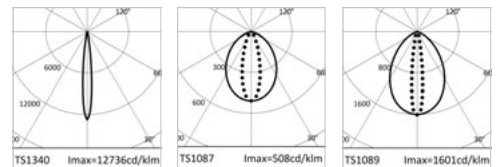
Grazing – Grazing light



Wall washer – Soft and uniform lighting of vertical or horizontal planes



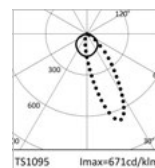
RECESSED JEDI COMPACT
 Up to 125lm/W
 From 752lm to 5717lm
 2700K - 3000K - 3500K - 4000K
 Ra80



SP 11°

FL 32° - 85°

GRZ 15° - 76°



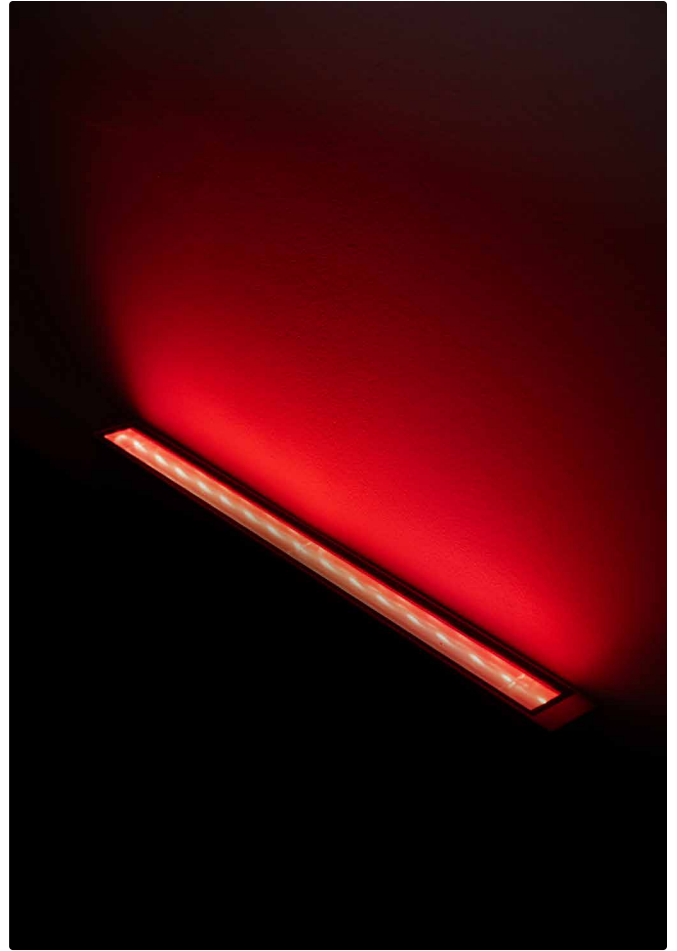
WW

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



RGBW Technology

The fixtures are equipped with a Quadri-chip LED RGBW technology achieving a perfect colour mixing in each individual chip. It provides a highest quality uniform and homogeneous result concealing the perception of the primary colours emitted.

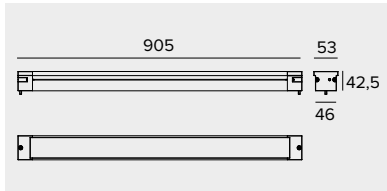
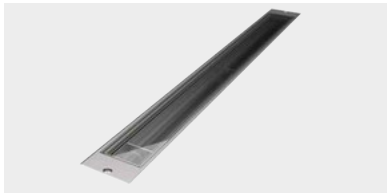


Colour mixing of RGBW fixtures is managed by DMX RDM drivers.



JEDI COMPACT Outdoor Recessed | Remote driver | L. 1185mm

500mA | Ra80 | Fixture flux 3000K from 5141lm to 5717lm



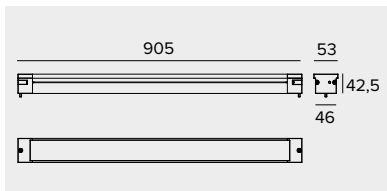
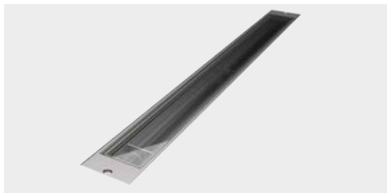
Optic	Colour	2700K	3000K	3500K	4000K
SP 46W	●	1E3847	1E3848	1E3849	1E3850
FL 48W	●	1E3633	1E3634	1E3635	1E3636
GRZ 48W	●	1E3637	1E3638	1E3639	1E3640
WW 48W	●	1E3641	1E3642	1E3643	1E3644

Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed | Remote driver | L. 905mm

500mA | Ra80 | Fixture flux 3000K from 3856lm to 4288lm



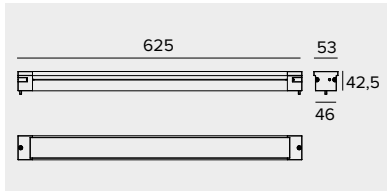
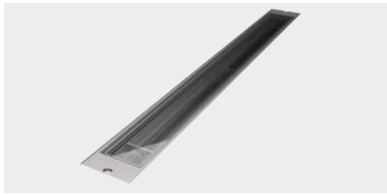
Optic	Colour	2700K	3000K	3500K	4000K
SP 35W	●	1E3843	1E3844	1E3845	1E3846
FL 36W	●	1E3609	1E3610	1E3611	1E3612
GRZ 36W	●	1E3613	1E3614	1E3615	1E3616
WW 36W	●	1E3617	1E3618	1E3619	1E3620

Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed | Remote driver | L. 625mm

500mA | Ra80 | Fixture flux 3000K from 2501lm to 2858lm

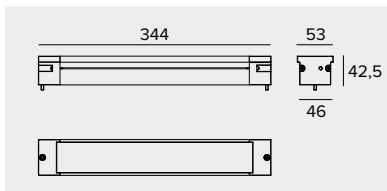
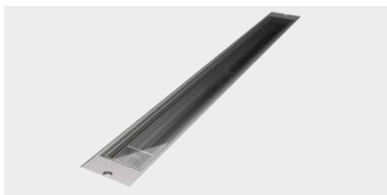


Optic	Colour	2700K	3000K	3500K	4000K
SP 23W	●	1E3839	1E3840	1E3841	1E3842
FL 24W	●	1E3585	1E3586	1E3587	1E3588
GRZ 24W	●	1E3589	1E3590	1E3591	1E3592
WW 24W	●	1E3593	1E3594	1E3595	1E3596

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed | Remote driver | L. 344mm

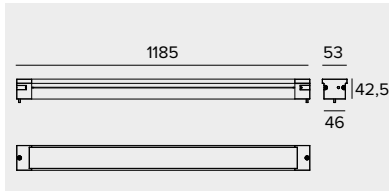
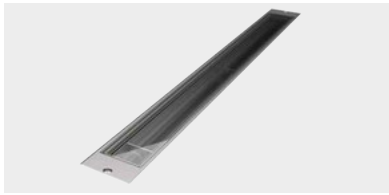
500mA | Ra80 | Fixture flux 3000K from 1285lm to 1429lm



Optic	Colour	2700K	3000K	3500K	4000K
SP 12W	●	1E3835	1E3836	1E3837	1E3838
FL 12W	●	1E3561	1E3562	1E3563	1E3564
GRZ 12W	●	1E3565	1E3566	1E3567	1E3568
WW 12W	●	1E3569	1E3570	1E3571	1E3572

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. Related codes and accessory codes on page 424.

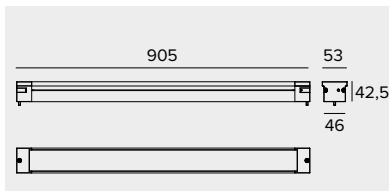
JEDI COMPACT Outdoor Recessed Louvre | Remote driver | L. 1185mm
 500mA | Ra80 | Fixture flux 3000K from 3007lm to 3901lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 48W	●	1E3645	1E3646	1E3647	1E3648
GRZ 48W	●	1E3649	1E3650	1E3651	1E3652
WW 48W	●	1E3653	1E3654	1E3655	1E3656

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed Louvre | Remote driver | L. 905mm
 500mA | Ra80 | Fixture flux 3000K from 2255lm to 2926lm

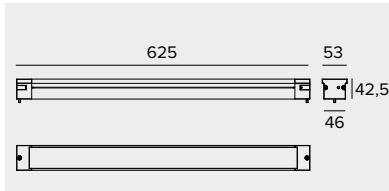
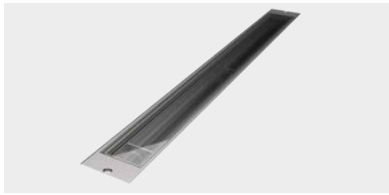


Optic	Colour	2700K	3000K	3500K	4000K
FL 36W	●	1E3621	1E3622	1E3623	1E3624
GRZ 36W	●	1E3625	1E3626	1E3627	1E3628
WW 36W	●	1E3629	1E3630	1E3631	1E3632

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed Louvre | Remote driver | L. 625mm

500mA | Ra80 | Fixture flux 3000K from 1503lm to 1950lm



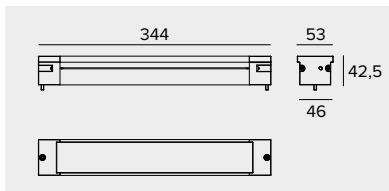
Optic	Colour	2700K	3000K	3500K	4000K
FL 24W	●	1E3597	1E3598	1E3599	1E3600
GRZ 24W	●	1E3601	1E3602	1E3603	1E3604
WW 24W	●	1E3605	1E3606	1E3607	1E3608

Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed Louvre | Remote driver | L. 344mm

500mA | Ra80 | Fixture flux 3000K from 752lm to 975lm

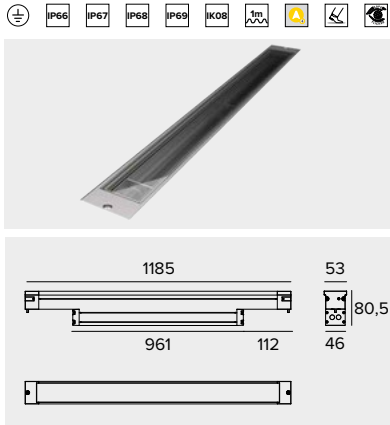


Optic	Colour	2700K	3000K	3500K	4000K
FL 12W	●	1E3573	1E3574	1E3575	1E3576
GRZ 12W	●	1E3577	1E3578	1E3579	1E3580
WW 12W	●	1E3581	1E3582	1E3583	1E3584

Note

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

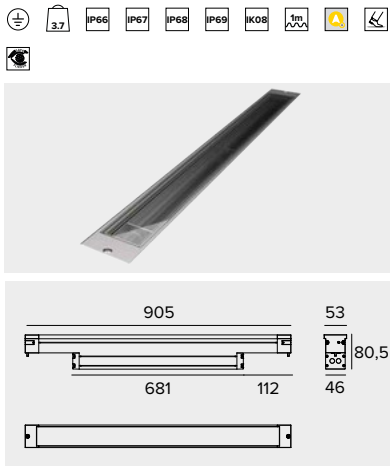
JEDI COMPACT Outdoor Recessed | Integrated driver | L. 1185mm
 220-240Vac | Ra80 | Fixture flux 3000K from 5141lm to 5171lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 51W	ON-OFF	●	1E3859EL	1E3860EL	1E3861EL	1E3862EL
	DALI	●	1E3859DA	1E3860DA	1E3861DA	1E3862DA
FL 53W	ON-OFF	●	1E3705EL	1E3706EL	1E3707EL	1E3708EL
	DALI	●	1E3705DA	1E3706DA	1E3707DA	1E3708DA
GRZ 53W	ON-OFF	●	1E3709EL	1E3710EL	1E3711EL	1E3712EL
	DALI	●	1E3709DA	1E3710DA	1E3711DA	1E3712DA
WW 53W	ON-OFF	●	1E3713EL	1E3714EL	1E3715EL	1E3716EL
	DALI	●	1E3713DA	1E3714DA	1E3715DA	1E3716DA

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

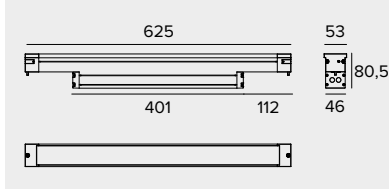
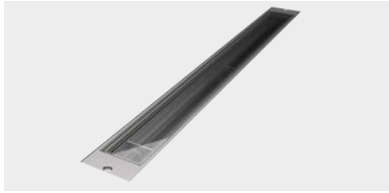
JEDI COMPACT Outdoor Recessed | Integrated driver | L. 905mm
 220-240Vac | Ra80 | Fixture flux 3000K from 3856lm to 4288lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 38W	ON-OFF	●	1E3855EL	1E3856EL	1E3857EL	1E3858EL
	DALI	●	1E3855DA	1E3856DA	1E3857DA	1E3858DA
FL 40W	ON-OFF	●	1E3681EL	1E3682EL	1E3683EL	1E3684EL
	DALI	●	1E3681DA	1E3682DA	1E3683DA	1E3684DA
GRZ 40W	ON-OFF	●	1E3685EL	1E3686EL	1E3687EL	1E3688EL
	DALI	●	1E3685DA	1E3686DA	1E3687DA	1E3688DA
WW 40W	ON-OFF	●	1E3689EL	1E3690EL	1E3691EL	1E3692EL
	DALI	●	1E3689DA	1E3690DA	1E3691DA	1E3692DA

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed | Integrated driver | L. 625mm
 220-240Vac | Ra80 | Fixture flux 3000K from 2570lm to 2858lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 26W	ON-OFF	●	1E3851EL	1E3852EL	1E3853EL	1E3854EL
	DALI	●	1E3851DA	1E3852DA	1E3853DA	1E3854DA
FL 28W	ON-OFF	●	1E3657EL	1E3658EL	1E3659EL	1E3660EL
	DALI	●	1E3657DA	1E3658DA	1E3659DA	1E3660DA
GRZ 28W	ON-OFF	●	1E3661EL	1E3662EL	1E3663EL	1E3664EL
	DALI	●	1E3661DA	1E3662DA	1E3663DA	1E3664DA
WW 28W	ON-OFF	●	1E3665EL	1E3666EL	1E3667EL	1E3668EL
	DALI	●	1E3665DA	1E3666DA	1E3667DA	1E3668DA

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

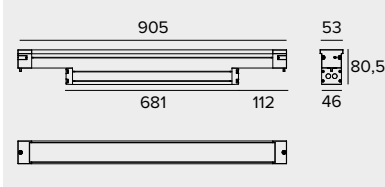
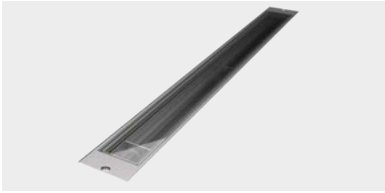
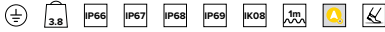
JEDI COMPACT Outdoor Recessed Louvre | Integrated driver | L. 1185mm
 220-240Vac | Ra80 | Fixture flux 3000K from 3007lm to 3901lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 53W	ON-OFF	●	1E3717EL	1E3718EL	1E3719EL	1E3720EL
	DALI	●	1E3717DA	1E3718DA	1E3719DA	1E3720DA
GRZ 53W	ON-OFF	●	1E3721EL	1E3722EL	1E3723EL	1E3724EL
	DALI	●	1E3721DA	1E3722DA	1E3723DA	1E3724DA
WW 53W	ON-OFF	●	1E3725EL	1E3726EL	1E3727EL	1E3728EL
	DALI	●	1E3725DA	1E3726DA	1E3727DA	1E3728DA

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

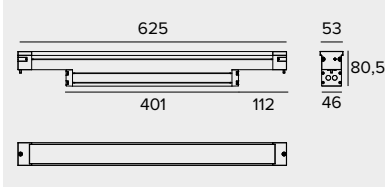
JEDI COMPACT Outdoor Recessed Louvre | Integrated driver | L. 905mm
 220-240Vac | Ra80 | Fixture flux 3000K from 2255lm to 2926lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 40W	ON-OFF	●	1E3693EL	1E3694EL	1E3695EL	1E3696EL
	DALI	●	1E3693DA	1E3694DA	1E3695DA	1E3696DA
GRZ 40W	ON-OFF	●	1E3697EL	1E3698EL	1E3699EL	1E3700EL
	DALI	●	1E3697DA	1E3698DA	1E3699DA	1E3700DA
WW 40W	ON-OFF	●	1E3701EL	1E3702EL	1E3703EL	1E3704EL
	DALI	●	1E3701DA	1E3702DA	1E3703DA	1E3704DA

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

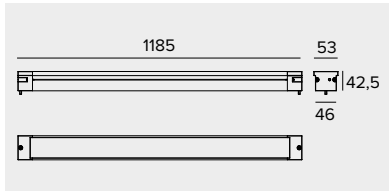
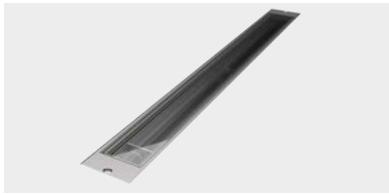
JEDI COMPACT Outdoor Recessed Louvre | Integrated driver | L. 625mm
 220-240Vac | Ra80 | Fixture flux 3000K from 1503lm to 1950lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 28W	ON-OFF	●	1E3669EL	1E3670EL	1E3671EL	1E3672EL
	DALI	●	1E3669DA	1E3670DA	1E3671DA	1E3672DA
GRZ 28W	ON-OFF	●	1E3673EL	1E3674EL	1E3675EL	1E3676EL
	DALI	●	1E3673DA	1E3674DA	1E3675DA	1E3676DA
WW 28W	ON-OFF	●	1E3677EL	1E3678EL	1E3679EL	1E3680EL
	DALI	●	1E3677DA	1E3678DA	1E3679DA	1E3680DA

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 424.

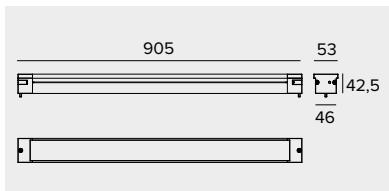
JEDI COMPACT Outdoor RGBW Recessed | Remote driver | L. 1185mm
 500mA | Fixture flux up to 2616lm | RGBW W=3000K



Optic	Colour	RGBW
FL 48W	●	1E4330
GRZ 48W	●	1E4331
WW 48W	●	1E4332

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

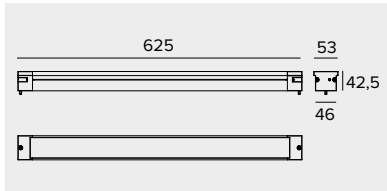
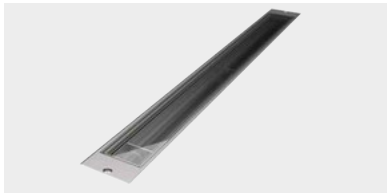
JEDI COMPACT Outdoor RGBW Recessed | Remote driver | L. 905mm
 500mA | Fixture flux up to 1962lm | RGBW W=3000K



Optic	Colour	RGBW
FL 36W	●	1E4327
GRZ 36W	●	1E4328
WW 36W	●	1E4329

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

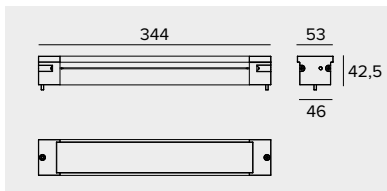
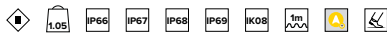
JEDI COMPACT Outdoor RGBW Recessed | Remote driver | L. 625mm
 500mA | Fixture flux up to 1308lm | RGBW W=3000K



Optic	Colour	RGBW
FL 24W	●	1E4324
GRZ 24W	●	1E4325
WW 24W	●	1E4326

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

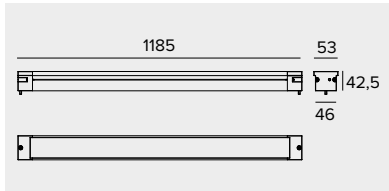
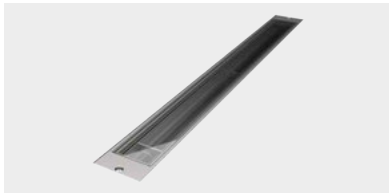
JEDI COMPACT Outdoor RGBW Recessed | Remote driver | L. 344mm
 500mA | Fixture flux up to 654lm | RGBW W=3000K



Optic	Colour	RGBW
FL 12W	●	1E4321
GRZ 12W	●	1E4322
WW 12W	●	1E4323

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

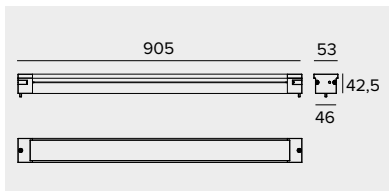
JEDI COMPACT Outdoor RGBW Recessed Louvre | Remote driver | L. 1185mm
 500mA | Fixture flux up to 1825lm | RGBW W=3000K



Optic	Colour	RGBW
FL 48W	●	1E4342
GRZ 48W	●	1E4343
WW 48W	●	1E4344

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

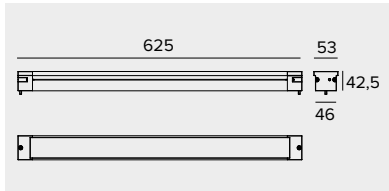
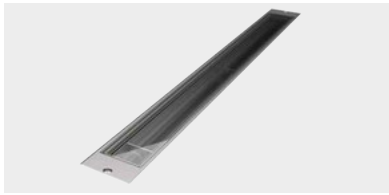
JEDI COMPACT Outdoor RGBW Recessed Louvre | Remote driver | L. 905mm
 500mA | Fixture flux up to 1368lm | RGBW W=3000K



Optic	Colour	RGBW
FL 36W	●	1E4339
GRZ 36W	●	1E4340
WW 36W	●	1E4341

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

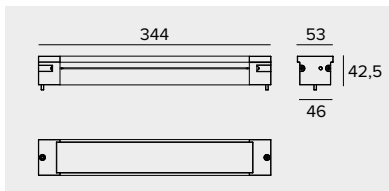
JEDI COMPACT Outdoor RGBW Recessed Louvre | Remote driver | L. 625mm
 500mA | Fixture flux up to 912lm | RGBW W=3000K



Optic	Colour	RGBW
FL 24W	●	1E4336
GRZ 24W	●	1E4337
WW 24W	●	1E4338

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

JEDI COMPACT Outdoor RGBW Recessed Louvre | Remote driver | L. 344mm
 500mA | Fixture flux up to 456lm | RGBW W=3000K



Optic	Colour	RGBW
FL 12W	●	1E4333
GRZ 12W	●	1E4334
WW 12W	●	1E4335

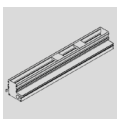
Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 425.

Related codes and accessories

JEDI COMPACT Outdoor Recessed

Related codes

Insertion Box



L mm	H mm	P mm	Code
629	88	96	1E3733
909	88	96	1E3734
1189	88	96	1E3735





Aluminium outer casing for Jedi Compact with integrated driver.

Related codes and accessories

JEDI COMPACT Outdoor Recessed




Related codes

Power Supply

	Code		Code
	1E3557 EL power supply version kit composed of an aluminium watertight box (LxHxP=270x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 312.5/344mm versions.		1E3558 EL power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 593.5/625/873.5/905/1153.5/1185mm versions.
	1E3559 DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 312.5/344/593.5/625mm versions.		1E3560 DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 873.5/905/1153.5/1185mm versions.

Accessory codes

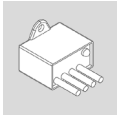
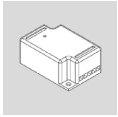
Connector

	Code		Code
	1E2769 Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		1E2494 Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.
	1E3184 IP68 4-way cable connector (5 pole).		

Control systems

	Code		Code
	1E3048 IP67 wireless control unit with DALI interface. More details on page 672.		1E4369 IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.

Surge protector

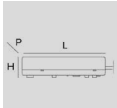
	Code		Code
	A013A Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67		A013C Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20

Related codes and accessories

JEDI COMPACT Outdoor RGBW Recessed

Related codes

Power Supply

	Code
	1E4271 DMX RDM 4 channel RGBW driver - 500mA. 50W, LxHxP=250x82x140mm, 120-277Vac. IP68 gray powder coated aluminum box.

Related codes and accessories

JEDI COMPACT Outdoor RGBW Recessed


Accessory codes

Connector

	Code
	1E4362
Linear connection box IP66/IP68. 8 poles.	

Control systems

	Code		Code
	1E2767		1T1898
USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.	

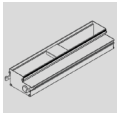
	Code
	1T6499
myScenario Wall. More details on page 678.	

Related codes and accessories

JEDI COMPACT | Codes compatible with the whole range


Related codes

Insertion Box

	L mm	H mm	P mm	Code
	348	58	94	1E3729
	629	58	94	1E3730
	909	58	94	1E3731
	1189	58	94	1E3732
Aluminium outer casing for Jedi Compact with remote driver.				

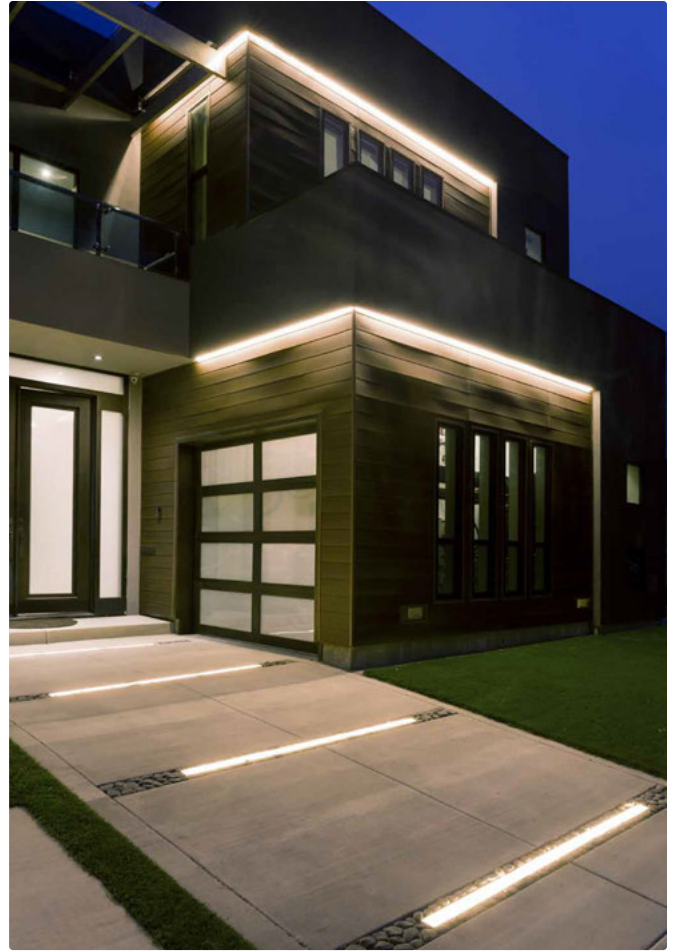
Accessory codes

Tool














	Code
	1E3305
Tightening wrench for the connector kit.	



MINI MERCURE

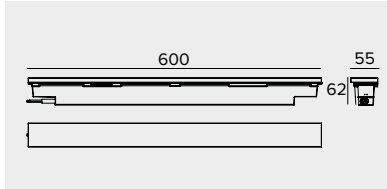


Inground recessed linear drive-over fixture for outdoor environments. The compact size and the flush “all glass” finish allow for particularly aesthetically clean and elegant continuous row installations. The body is subject to cataphoresis treatment which makes it suitable for installation near the sea (up to 5 metres) or in “hostile” environments.

						
Inground recessed	Soft controlled	3000K	4000K			
INSTALLATION	LIGHT	COLOUR TEMPERATURE				
						
On-Off	220-240V integrated 24V remote	Drive-over	Walk-over	IK08	IP66 IP67	IP68 IP69
CONTROL	POWER SUPPLY	RESISTANCE		PROTECTION RATING		
						
FINISH	ON REQUEST					

MINIMERCURE LED

Ra80 | Fixture flux 3000K 290lm



Optic	Insulation	Power supply	Driver	Colour	3000K	4000K
VWFL 8W	CLASS 3	24Vdc			1E3406	1E3407
VWFL 10W	CLASS 2	220-240Vac	ON-OFF		1E3404	1E3405

Note 24Vdc version: values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
 IP69: IEC/EN 60529 standard compliant.
 Related codes and accessory codes on page 429.

Related codes and accessories

MINIMERCURE LED

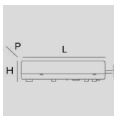
Related codes

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. L=601mm.		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. L=601mm.

Power Supply

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586



Electronic power supply.

Accessory codes

Surge protector

	Code
	A013B
	Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67

PROJECTORS

Outdoor

Projectors



VADER

432



Ø 97mm



DART ROUND

448



Ø 253mm



Ø 130mm

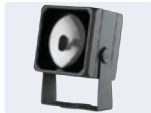


Ø 88mm



DART

466



214x214mm



134x134mm



76x76mm

JUPITER

482



PRO
Ø 50mm



PRO Small
Ø 40mm



MINI
Ø 38mm

PYROS

492



Nano Pyros
Ø 107mm



Pico Pyros
Ø 53mm

JEDI

496



JEDI Compact



508

VOLTA

166


















VADER

Outdoor



Developed in collaboration with the American lighting design firm FMS, VADER provides the versatility of an entire range of professional projectors in a single product, making it possible to vary the beam opening and colour temperature at any time to meet the varying needs of projects of any type and scale.

 Surface	 Pole	 Tree	 Ground	 Zoom	 Tunable White 1800K-4000K
INSTALLATION				LIGHT	COLOUR TEMPERATURE
 0/1-10V Dimming	 Dali	 DMX RDM	 48V	 IP66	
CONTROL			POWER SUPPLY		PROTECTION RATING
 IK06	 Cataphoresis treatment	 Ferrite		 Easy Custom Colours	
RESISTANCE		FINISH			







All in one

VADER has a compact design and a soft, round shape, but what really makes it stand out is its versatility. A whole range of features enclosed in a single product. A zoom optical system, tunable white light and remote DALI 0/1-10V and DMX control. All in the same product code.



Tunable White
1800K-4000K



Zoom optical system
from SP to MWFL



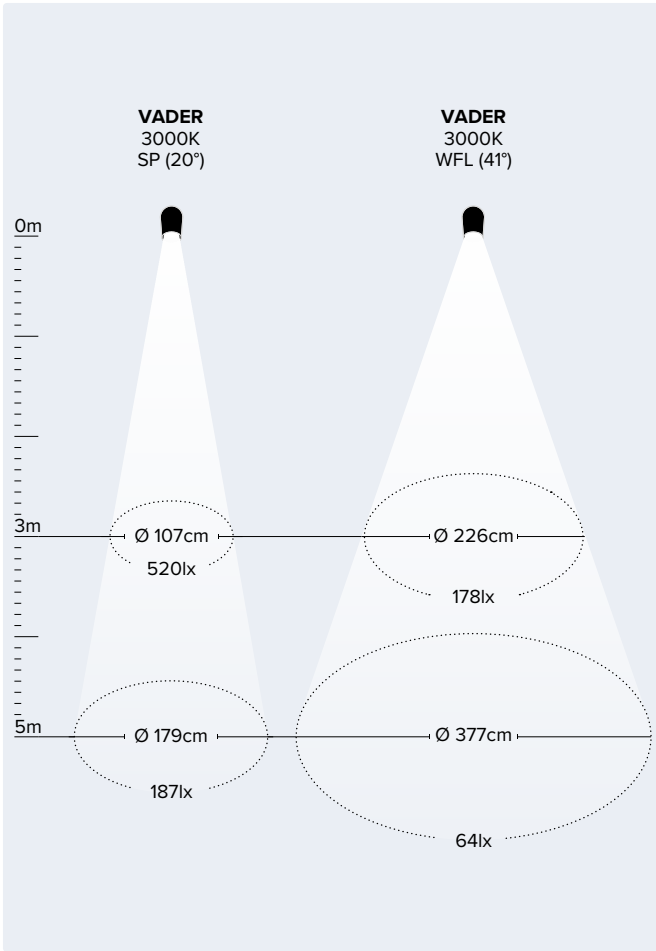
DALI
0/1-10V DMX



Emission can vary from Spot (20°) to Medium Wide Flood (41°) continuously with mechanical locking of the zoom on the chosen distribution. A practical graduated scale facilitates replication across multiple fixtures.

ZOOM optical system

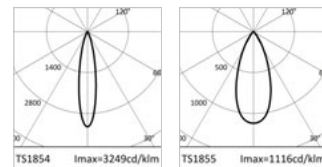
The VADER Zoom optical system was developed for manual adjustment of the light beam.



A practical graduated scale facilitates replication across multiple fixtures.



VADER
 Up to 70lm/W
 From 917lm to 926lm
 1800K - 3000K - 4000K
 Ra90



SP (20°)

MWFL (41°)

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

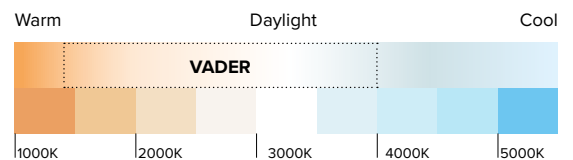




The warmest tone of the light emitted by Vader reaches 1800K. A light with a very warm tone that is capable of providing charm both in a historical artistic environment and in a landscape context. The possibility to vary the colour temperature continuously makes it possible to choose the most suitable tone to enhance the context based on different types of materials. Using the different compatible control systems (DALI, 0/1-10V, DMX-RDM, Casambi) it is also possible to create dynamic light scenes, from a warm light to a cold light.

Tunable White Light

Vader is only available in the Tunable White version which allows the colour temperature to be varied dynamically and continuously from 1800K to 4000K.





A double graduated ring engraved on the body of the fixture makes it possible to rotate the fixture with an accuracy of 15° and 10° for tilt. This facilitates replication with absolute precision in the event of multiple installations.



One particular installation option is provided with the hexagonal-shaped base for surface installation, which can be used to create clusters with geometric shapes for single and multiple configurations.

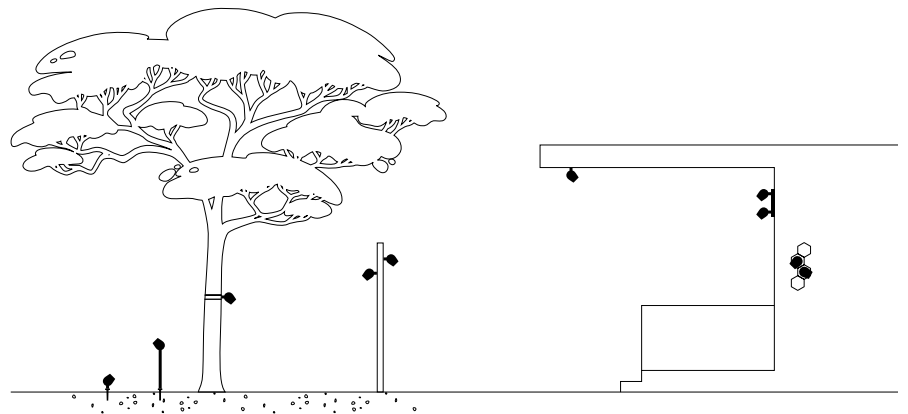


Extensive installation flexibility

VADER is equipped at the base with a standard connection joint which makes it compatible with different installation accessories for surface, pole, cornice and ground applications.



Different types of fixing systems are available for surface, picket, tree or pole installation.





Blade of light filter
Makes it possible to ovalise the beam. To be used with the narrowest emission.



Asymmetrical snoot
A screen for asymmetrical glare control

A wide range of optical accessories

A wide range of optical and installation accessories amplifies the flexibility and versatility of VADER allowing for perfect glare and lighting effect control.



Snoot
A screen for glare control



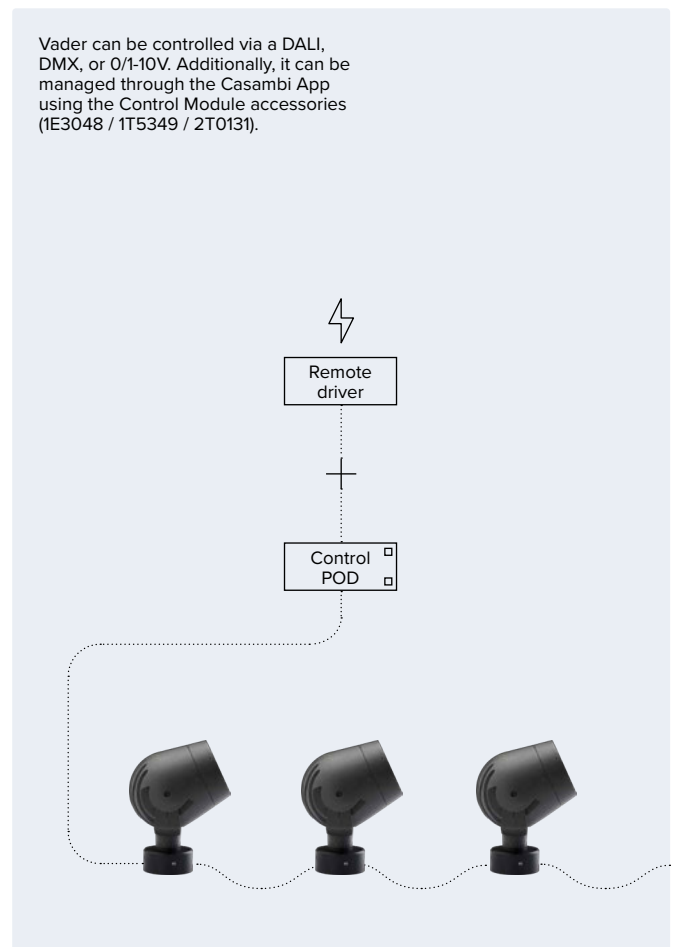
Super snoot
A screen for maximum visual comfort
in all directions.



With a single device (Control Pod), it is possible to dim and manage the colour temperature of the projectors by choosing between the different control systems (DALI, 0/1-10V, DMX), both in a shared manner, for multiple configurations, and individually.

Each Control Pod can manage up to 64 fixtures while the remote driver (120-277V) can power multiple configurations for up to 8 projectors.

Vader can be controlled via a DALI, DMX, or 0/1-10V. Additionally, it can be managed through the Casambi App using the Control Module accessories (1E3048 / 1T5349 / 2T0131).



Low voltage power supply

It is possible to power up and control configurations of multiple fixtures. The projectors are Low Voltage and must be completed with a remote driver and the Control Pod.

VADER

48Vdc | Ra90 | Fixture flux 3000K from 917lm to 926lm



Product	Optic	Ra+K	Colour
E012	ZM SP-MWFL 20°/41° - 15W	TUW Tunable White	FE

Note Related codes and accessory codes on page 445.

Related codes and accessories

VADER

Related codes

Power Supply

	Dimensions LxHxP mm	Power	IP	Code
	225x36x60	60W	IP20	1T6917EL
	240x49x60	130W	IP20	1T6916EL

48Vdc electronic driver.
1T6917EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm².
1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm².

	Dimensions LxHxP mm	Power	IP	Code
	225x51x65	70W	IP67	1E2320
	225x51x65	150W	IP67	1E2321

48Vdc electronic driver.
Cable length 0.5m (IN and OUT).

Control systems

	Code
	A035

Control POD.
Multi-protocol command and control system for VADER projectors. The Control POD was developed to make controlling a VADER projector system quick and easy. The DALI, DMX and ANALOGICO 0-10V / 1-10V compatible protocols make it possible to integrate VADER projectors into a wide range of applications.
48V power supply.
Via DALI protocol, Control POD allows to control VADER projectors with the Casambi system using the accessory codes 1E3048 and 1E4369.

Accessory codes

Bracket

	Colour	Code
		A044FE

Bracket for surface installation.
Powder coated stainless steel.

Mounting System

	Colour	Code		Colour	Code
		A040FE			A041FE

Round base for surface installation of fixture.
Powder coated aluminium (with a stainless steel fixing bracket).



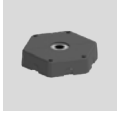




Round base plate.
Powder coated stainless steel.
To be completed with A040FE.

Related codes and accessories


VADER

Accessory codes




Mounting System

	H mm	Colour	Code		H mm	Colour	Code
	244	●	A047FE		208	●	A050FE
	844	●	A048FE		808	●	A051FE
Spike with base for surface installation.				Earthspike.			
		Colour	Code			Colour	Code
		●	A042FE			●	A043FE
	Hexagonal base with a hole for projector surface installation. Powder coated die-cast aluminium covering. Stainless steel fixing base.				Blind hexagonal base. Powder coated die-cast aluminium covering. Stainless steel fixing base.		
		Colour	Code			Colour	Code
		●	A052FE			●	A053FE
	Pole attachment for a single projector. Anodised and powder coated aluminium. Pole Ø 60mm.				Pole attachment for two projectors. Anodised and powder coated aluminium. Pole Ø 60mm (+/-2mm).		
		Ø mm	H mm			Colour	Code
		50	232			●	1E3785
	Earthspike. Powder coated stainless steel.						

Bracket

	Colour	Code
	●	A049FE
Bracket for installation on trees. To be completed with accessory strap A023. Powder coated stainless steel.		

Mounting System

	L mm	Code		Colour	Code
	2000	A023		●	A045FE
	Strap for tree bracket (tree installation).			Multiple base for surface installation of 2 projectors. Powder coated stainless steel.	
		Colour	Code		
		●	A046FE		
	Multiple base for surface installation of 3 projectors. Powder coated stainless steel.				

Screen



	Colour	Code		Colour	Code
	●	A036FE		●	A037FE
	Cylindrical screen. Powder coated aluminium. Short version.			Asymmetric screen. Powder coated aluminium.	

Related codes and accessories



VADER

Accessory codes


Screen


	Colour	Code
		A038FE
<p>Cylindrical screen. Powder coated aluminium. Long version with prismatic glass.</p>		

Filter

	Colour	Code
		A039FE
<p>Blade of light filter. Refractive glass filter with blade of light effect. Completed with powder coated aluminum alloy holder ring.</p>		

Connector

	Code
	1E2494
<p>Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm². Cable diameter range from 6 to 12mm.</p>	

	Code
	1E2493
<p>Linear connection box IP68. 4 poles max. wire section 2.5mm². Cable diameter range from 7 to 12mm.</p>	





















Tool

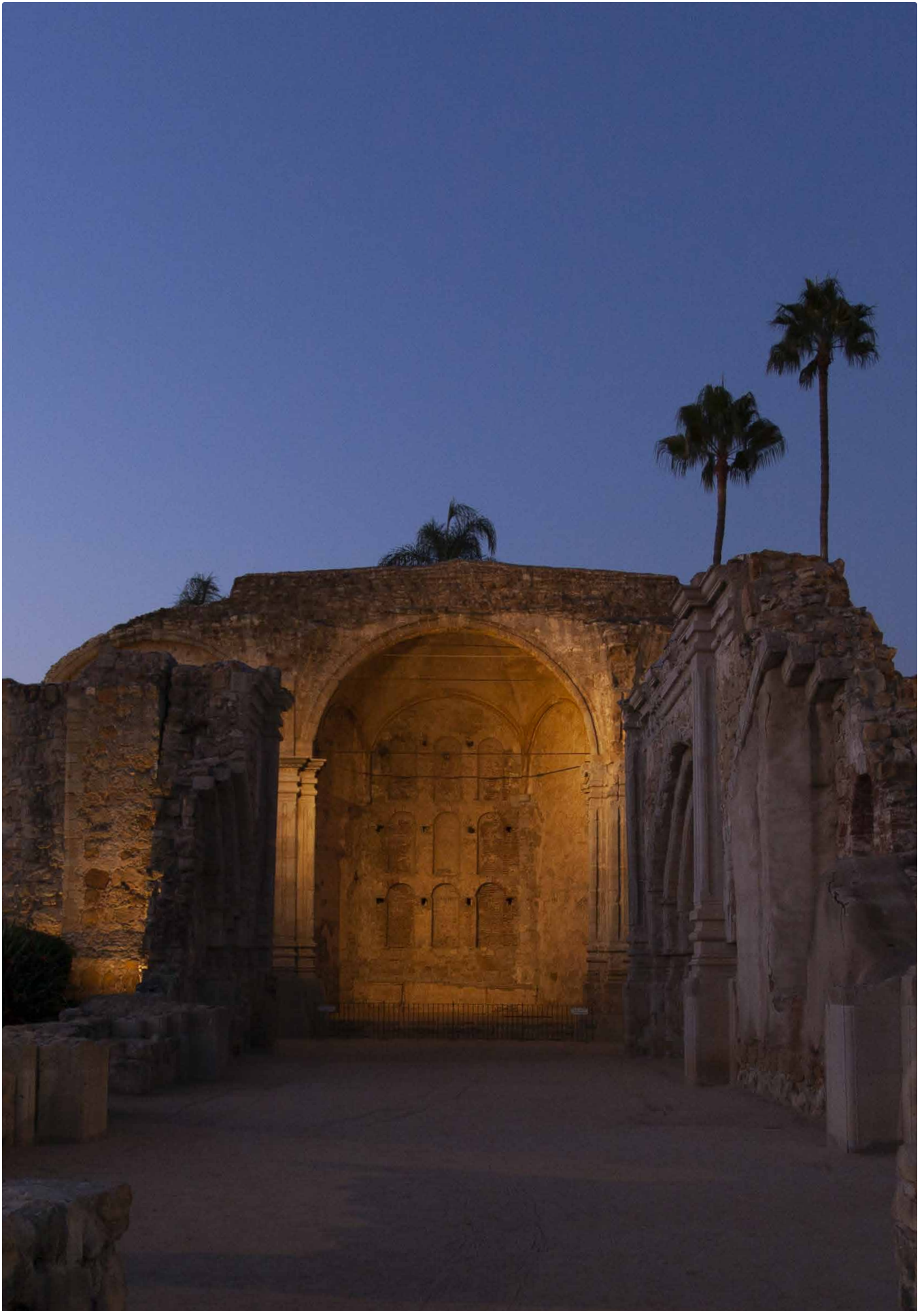
	Code
	1E3305
<p>Tightening wrench for the connector kit.</p>	

DART ROUND

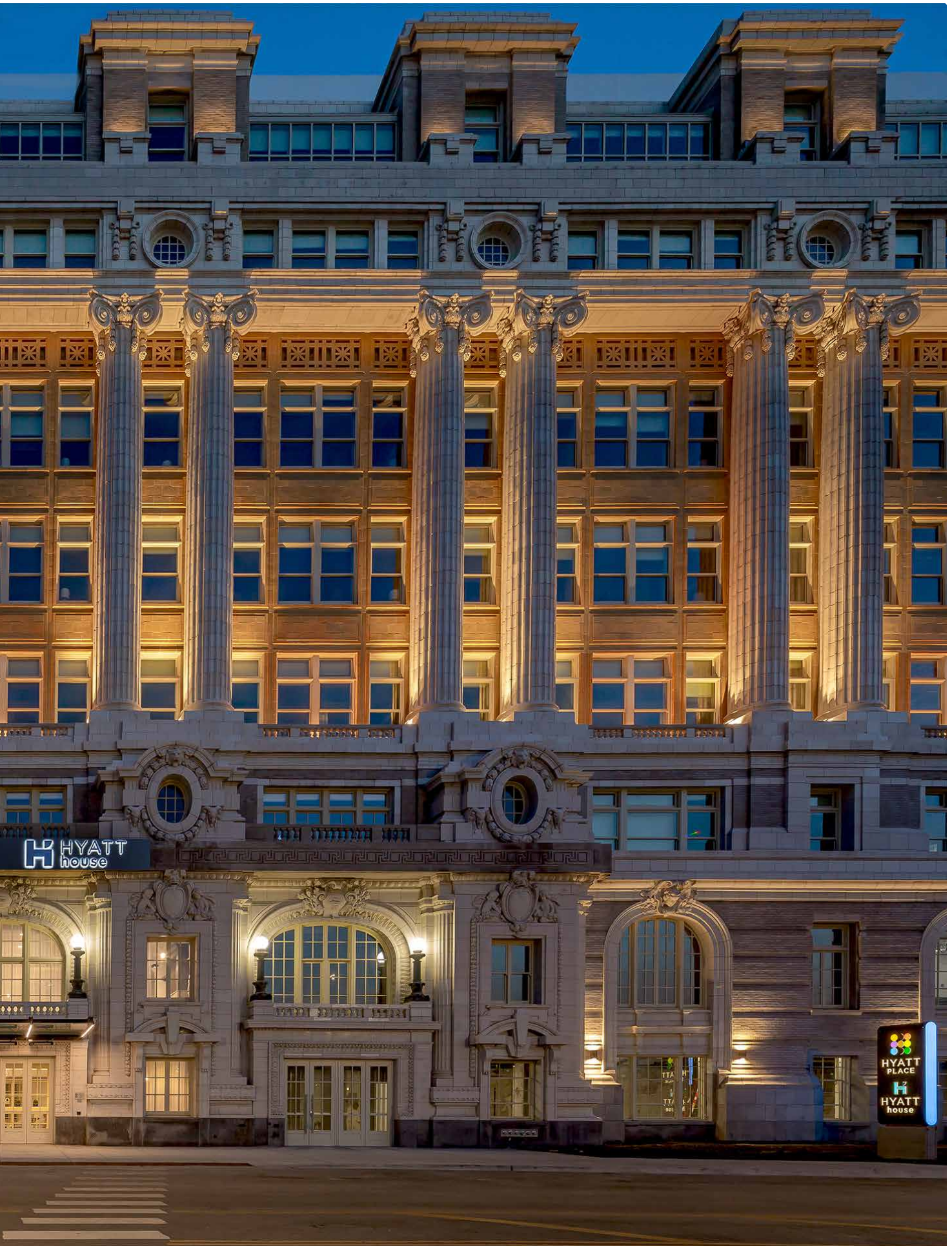


A range of projectors ideal for lighting architecture and landscapes. The different sizes and lumen outputs make it possible to light bigger gardens and architecture.

									
Surface	Wall	Pole	Ground	Accent	Soft controlled	3000K	4000K	RGBW	Tunable White 2700K-5000K
INSTALLATION				LIGHT		COLOUR TEMPERATURE			
									
On-Off	Dali	Dali DT8	DMX RDM	Casambi	220-240V	IP66			
CONTROL				POWER SUPPLY		PROTECTION RATING			
					Cataphoresis treatment 110-277V Power Supply Ra90 2700K - 3500K				
IK10	Ferrite			Easy Custom Colours	ON REQUEST				
RESISTANCE				FINISH		ON REQUEST			









DART ROUND MAXI
Ø 235mm

The largest size in the range ensures real emissions up to 7000lm (8900lm source)



DART ROUND MEDIUM
Ø 130mm

With a compact size it provides professional performance for a precise and defined projected light



DART ROUND SMALL
Ø 88mm

Available in a thinner version with an integrated driver or with a more compact shape with a remote driver.

The DART Round range, available in three different sizes, features durable materials, attention to thermal management which is essential for the lifespan of the LED sources, a large range of optics and high performance.



Colour change versions with RGBW and Tunable white technology

The RGBW multi-chip solution is equipped with LED sources with a compact case containing all 4 colour sources. It is an advantageous solution because the light emitted is mixed directly within the source without any significant colour

variance. The effect is saturated and uniform even in perfectly white light. Also available in a Tunable White version with dynamic variation of the colour temperature of the light from 2700K to 5000K.



DART ROUND MAXI RGBW - TW
Ø 235mm



DART ROUND MEDIUM RGBW - TW
Ø 130mm



DART ROUND SMALL RGBW - TW
Ø 88mm







Narrow Spot Optic

The Narrow Spot Optic has a precise and controlled 5° beam opening created using a lens optical system, ideal for lighting monuments and architectural details with absolute uniformity and precision from great distances. It is suitable where installation appears to be complex and very distant from the surface to be lit. From a distance of 50 metres this optic can create a luminous effect with a diameter of 5 metres, but it can also cover greater distances.



Spot and Flood Optic

Concentrated effects like Spot and Flood are created using hybrid optical systems that combine the high efficiency and precision of the lenses with the softness that a reflector provides. This type of beam opening is ideal to enhance architectural details, portions of building facades and slender trees.



Medium Wide Flood and Wide Flood Optics

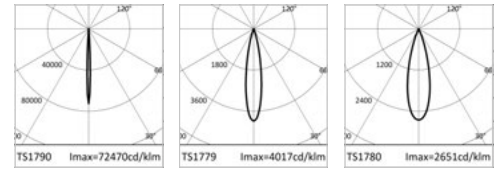
They are suitable for lighting wide surfaces, building facades, trees and in any environment where soft yet controlled lighting is required.

The optics

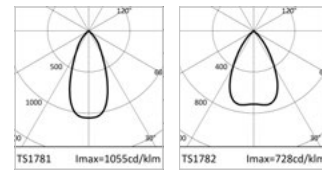
All optical systems are developed and produced in the in-house Optics department at the Targetti headquarters in Florence and are designed to obtain the best optical performance and quality of the lighting effect based on the dimensions, characteristics and performance of the LED.



DART ROUND MAXI
 Up to 97lm/W
 From 1310lm to 6760lm
 2700K - 3000K - 3800K - 4000K -
 5000K
 Ra80



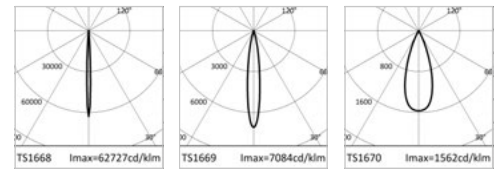
TS1790 $I_{max}=72470cd/klm$ LENS NSP 5°
 TS1779 $I_{max}=4017cd/klm$ HYBRID SP 19°
 TS1780 $I_{max}=2651cd/klm$ HYBRID FL 27°



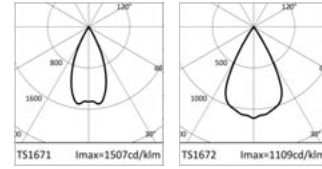
TS1781 $I_{max}=1055cd/klm$ REFLECTOR MWFL 46°
 TS1782 $I_{max}=728cd/klm$ REFLECTOR WFL 62°



DART ROUND MEDIUM
 Up to 128lm/W
 From 518lm to 4148lm
 2700K - 3000K - 3850K - 4000K -
 5000K
 Ra80



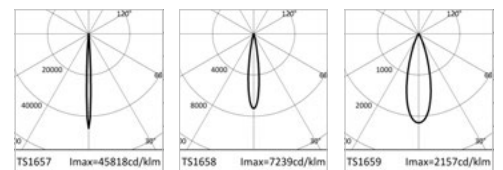
TS1668 $I_{max}=62727cd/klm$ LENS NSP 5°
 TS1669 $I_{max}=7084cd/klm$ HYBRID SP 14°
 TS1670 $I_{max}=1562cd/klm$ HYBRID FL 36°



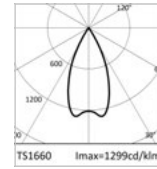
TS1671 $I_{max}=1507cd/klm$ REFLECTOR MWFL 46°
 TS1672 $I_{max}=1109cd/klm$ REFLECTOR WFL 56°



DART ROUND SMALL
 Up to 124lm/W
 From 162lm to 1672lm
 2700K - 3000K - 3850K - 4000K -
 5000K
 Ra80



TS1657 $I_{max}=45818cd/klm$ LENS NSP 5°
 TS1658 $I_{max}=7239cd/klm$ LENS SP 16°
 TS1659 $I_{max}=2157cd/klm$ LENS FL 30°



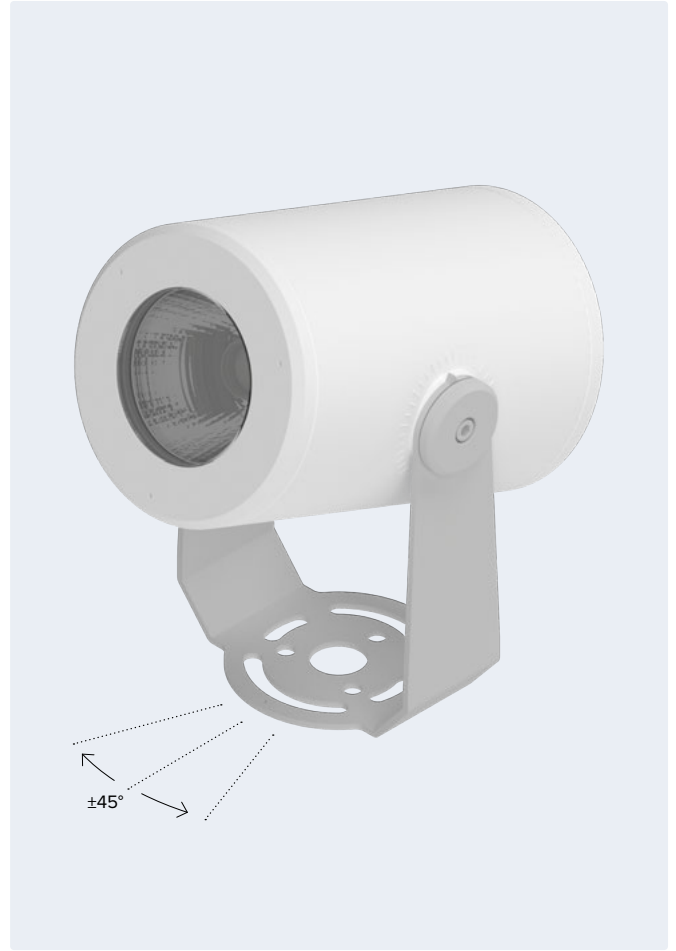
TS1660 $I_{max}=1299cd/klm$ REFLECTOR MWFL 48°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Optical accessories

A vast range of optical accessories allows Dart Round to modify and customise the beam emission based on actual needs. The fixing points located on the sealing ring make it possible to attach the accessories externally avoiding the risk of infiltration.

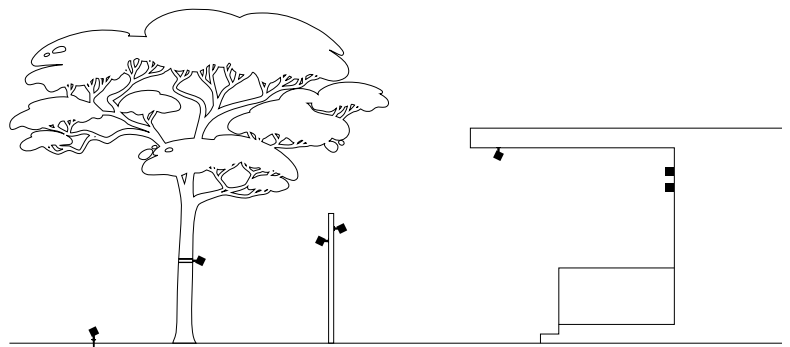


Installation solutions

The fixing bracket allows the projector to rotate on the horizontal plane by $\pm 45^\circ$ and by $+90^\circ/-45^\circ$ on the vertical plane. The graduated ring located on the device near the joint allows for precise adjustment which is particularly useful for replicating aiming on multiple devices.

Installation flexibility

The versatility of the projectors in this range, combined with the numerous installation accessories, enables a wide variety of installation options.



DART Round Maxi

220-240Vac | Ra80 | Fixture flux 3000K from 1310lm to 6760lm



Optic	Driver	Colour	3000K	4000K
NSP 5° 17W	ON-OFF	●	1E3992EL	1E3997EL
	DALI	●	1E3992DA	1E3997DA
SP 19° 71W	ON-OFF	●	1E3993EL	1E3998EL
	DALI	●	1E3993DA	1E3998DA
FL 27° 71W	ON-OFF	●	1E3994EL	1E3999EL
	DALI	●	1E3994DA	1E3999DA
MWFL 46° 71W	ON-OFF	●	1E3995EL	1E4000EL
	DALI	●	1E3995DA	1E4000DA
WFL 62° 71W	ON-OFF	●	1E3996EL	1E4001EL
	DALI	●	1E3996DA	1E4001DA

Note Related codes and accessory codes on page 463.

DART Round Maxi TW

220-240Vac | Ra80 | Fixture flux from 1945lm to 2594lm

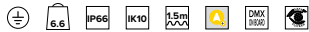


Optic	Driver	Colour	2700-5000K
SP 15° 33W	DALI DT8	●	1E4043DA
FL 32° 33W	DALI DT8	●	1E4044DA
MWFL 46° 33W	DALI DT8	●	1E4045DA

Note Related codes and accessory codes on page 463.

DART Round Maxi RGBW

220-240Vac | Fixture flux up to 2333lm | RGBW W=6500K

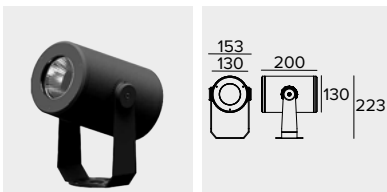


Optic	Driver	Colour	RGBW
NSP 10° 50W	DMX RDM	●	1E4062
SP 17° 50W	DMX RDM	●	1E4052
FL 30° 50W	DMX RDM	●	1E4053
MWFL 44° 50W	DMX RDM	●	1E4054

Note Related codes and accessory codes on page 463.

DART Round Medium

220-240Vac | Ra80 | Fixture flux 3000K from 518lm to 4148lm



Optic	Driver	Colour	3000K	4000K
NSP 5° 8W	ON-OFF	●	1E3982EL	1E3987EL
	DALI	●	1E3982DA	1E3987DA
SP 14° 28W	ON-OFF	●	1E3983EL	1E3988EL
	DALI	●	1E3983DA	1E3988DA
FL 36° 28W	ON-OFF	●	1E3984EL	1E3989EL
	DALI	●	1E3984DA	1E3989DA
MWFL 46° 33W	ON-OFF	●	1E3985EL	1E3990EL
	DALI	●	1E3985DA	1E3990DA
WFL 56° 33W	ON-OFF	●	1E3986EL	1E3991EL
	DALI	●	1E3986DA	1E3991DA

Note Related codes and accessory codes on page 463.

DART Round Medium TW

700mA | Ra80 | Fixture flux from 777lm to 967lm

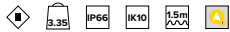


Optic	Power supply	Colour	2700-5000K
SP 14° 12W	700mA	●	1E4040
FL 29° 12W	700mA	●	1E4041
MWFL 40° 12W	700mA	●	1E4042

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 463.

DART Round Medium RGBW

850mA | Fixture flux up to 1265lm | RGBW W=6500K

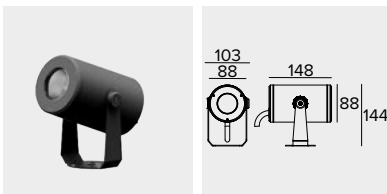


Optic	Power supply	Colour	RGBW
NSP 10° 33W	850mA	●	1E4061
SP 16° 33W	850mA	●	1E4049
FL 29° 33W	850mA	●	1E4050
MWFL 40° 33W	850mA	●	1E4051

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 463.

DART Round Small Integrated driver

220-240Vac | Ra80 | Fixture flux 3000K from 162lm to 1477lm

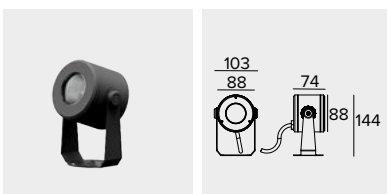


Optic	Driver	Colour	3000K	4000K
NSP 5° 4W	ON-OFF	●	1E3974EL	1E3978EL
	DALI	●	1E3975DA	1E3979DA
SP 16° 15W	ON-OFF	●	1E3976EL	1E3980EL
	DALI	●	1E3976DA	1E3980DA
MWFL 48° 14W	ON-OFF	●	1E3977EL	1E3981EL
	DALI	●	1E3977DA	1E3981DA

Note Related codes and accessory codes on page 463.

DART Round Small Remote driver

Ra80 | Fixture flux 3000K from 162lm to 1672lm

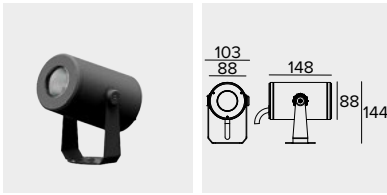


Optic	Power supply	Colour	3000K	4000K
NSP 5° 2W	700mA	●	1E3966	1E3970
SP 16° 15W	400mA	●	1E3967	1E3971
FL 30° 14W	400mA	●	1E3968	1E3972
MWFL 48° 14W	400mA	●	1E3969	1E3973

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 463.

DART Round Small TW

700mA | Ra80 | Fixture flux from 317lm to 399lm

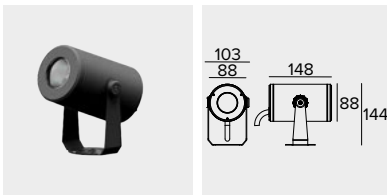
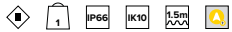


Optic	Power supply	Colour	2700-5000K
SP 15° 4W	700mA	●	1E4037
FL 32° 4W	700mA	●	1E4038
MWFL 45° 4W	700mA	●	1E4039

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 463.

DART Round Small RGBW

850mA | Fixture flux up to 455lm | RGBW W=6500K



Optic	Power supply	Colour	RGBW
NSP 10° 11W	850mA	●	1E4060
SP 17° 11W	850mA	●	1E4046
FL 31° 11W	850mA	●	1E4047
MWFL 44° 11W	850mA	●	1E4048

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 463.


Related codes and accessories

DART Round

Accessory codes


Filter

Version	Colour	Code
Dart Round Maxi	●	1E4010
Dart Round Medium	●	1E4006
Dart Round Small	●	1E4002



Blade of light filter.
PMMA holographic filter for a blade of light effect.
Completed with powder coated aluminum alloy holder ring.

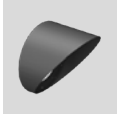
Version	Colour	Code
Dart Round Medium NSP	●	1E4263
Dart Round Medium TW	●	
Dart Round Medium RGBW	●	



Blade of light filter.
PMMA holographic filter for a blade of light effect.
Completed with powder coated aluminum alloy holder ring.


Screen

Version	Colour	Code
Dart Round Maxi	●	1E4011
Dart Round Medium	●	1E4007
Dart Round Small	●	1E4003



Asymmetric screen.
Powder coated stainless steel.

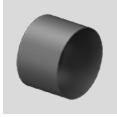
Version	Colour	Code
Dart Round Maxi	●	1E4012
Dart Round Medium	●	1E4008
Dart Round Small	●	1E4004



Cylindrical screen.
Powder coated stainless steel.
Short version.


Grid

Version	Colour	Code
Dart Round Maxi	●	1E4059
Dart Round Medium	●	1E4058
Dart Round Small	●	1E4057



Cylindrical screen.
Powder coated stainless steel.
Long version.

Version	Colour	Code
Dart Round Maxi	●	1E4013
Dart Round Medium	●	1E4009
Dart Round Small	●	1E4005



Anti-glare louver.
Powder coated stainless steel.
Not compatible with DART Round Medium NSP, DART Medium TW and DART Medium RGBW.

Mounting System

Version	Colour	Code
Dart Round Maxi	●	1E3026
Dart Round Medium	●	1E3026
Dart Round Small	●	1E3015





Plate for fixture rotation.
Powder coated stainless steel.

Version	Colour	Code
Dart Round Maxi ø150x352mm	●	1E3188
Dart Round Medium ø96x182mm	●	1E3028
Dart Round Small ø70x182mm	●	1E3016




Earthspike.
Powder coated stainless steel.

Version	Colour	Code
Dart Round Maxi	●	1E2825
Dart Round Medium	●	1E2825



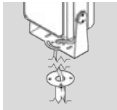
Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

Version	Colour	Code
Dart Round Maxi	●	1E3097
Dart Round Medium	●	1E3027



Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

Version	Colour	Code
Dart Round Maxi	●	1E3187



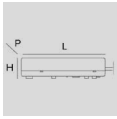
Pole with base.
Powder coated stainless steel.

Related codes and accessories

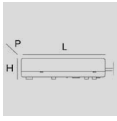
DART Round

Accessory codes

Power Supply DART Round Small Monochromatic


	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	146x22x43	18W	220-240Vac	400mA	IP20	1T4215EL
	115x26x53	20W 15W	220-240Vac 110-127Vac	400mA	IP68	1E3033EL
	119x22x52	20W	220-240Vac	700mA	IP20	1T9637EL
	122x26x54	15W 17W	110-240Vac 220-240Vac	700mA	IP68	1E4239EL

Electronic power supply.

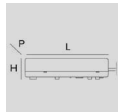
	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	146x30x44	20W	220-240Vac	400mA	IP20	1T4215DA
	115x26x53	20W 15W	220-240Vac 110-127Vac	400mA	IP68	1E3033DA
	119x22x52	15W 20W	110-240Vac 220-240Vac	700mA	IP20	1T9637DA
	122x26x54	15W 30W	110-240Vac 220-240Vac	700mA	IP68	1E4239DA

DALI power supply.

Power Supply DART Round Medium and Small TW


	Code
	1E4056
Tunable White DALI driver - 700mA. 50W, LxHxP=220x80x120mm, 110-277Vac. IP68 gray powder coated aluminum box.	


Power Supply DART Round Medium and Small RGBW


	Code
	1E3883
DMX 4 channel driver - 850mA. 50W, LxHxP=220x80x120mm, 120-277Vac. IP68 gray powder coated aluminum box.	

Accessory codes


Connector

Version	Code
 Dart Round Maxi	1E2769
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Medium TW	
Dart Round Small	
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.	

Version	Code
 Dart Round Maxi	1E2494
Dart Round Medium	
Dart Round Medium TW	
Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Version	Code
 Dart Round Small	1E2493
Linear connection box IP68. 4 poles max. wire section 2.5mm ² . Cable diameter range from 7 to 12mm.	

Tool






Version	Code
 Dart Round Maxi	1E3305
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Medium TW	
Dart Round Small	
Tightening wrench for the connector kit.	

Related codes and accessories

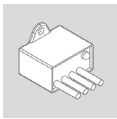
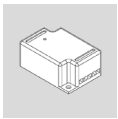
DART Round

Accessory codes

Control systems

Version	Code	Version	Code
	Dart Round Maxi		Dart Round Maxi
	Dart Round Maxi TW		Dart Round Maxi TW
	Dart Round Medium		Dart Round Medium
	Dart Round Medium TW		Dart Round Medium TW
	Dart Round Small		Dart Round Small
	Dart Round Small TW		Dart Round Small TW
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	
Version	Code	Version	Code
	Dart Round Maxi RGBW		Dart Round Maxi RGBW
	Dart Round Medium RGBW		Dart Round Medium RGBW
	Dart Round Small RGBW		Dart Round Small RGBW
USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.	
Version	Code		
	Dart Round Maxi RGBW		
	Dart Round Medium RGBW		
	Dart Round Small RGBW		
myScenario Wall. More details on page 678.			



















Surge protector

Version	Code	Version	Code
	Dart Round Maxi		Dart Round Maxi
	Dart Round Maxi TW		Dart Round Maxi TW
	Dart Round Maxi RGBW		Dart Round Medium
	Dart Round Medium		Dart Round Small
	Dart Round Small		
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67		Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20	

DART



Dart is a range of fixtures for outdoor architectural lighting with a compact and essential design, high performance and a wide range of optics. Available with Monochromatic, RGBW colour-changing LED sources with DMX control.

								
Surface	Ground	Pole	Accent	Soft controlled	Wall Washer	3000K	4000K	RGBW
INSTALLATION			LIGHT			COLOUR TEMPERATURE		
								
On-Off	Dali	Casambi	DMX	220-240V	400mA 850mA 900mA	IP66		
CONTROL			POWER SUPPLY			PROTECTION RATING		
								
IK10	Ferrite		Easy Custom Colours		Cataphoresis treatment 110-277V Power Supply			
RESISTANCE	FINISH		ON REQUEST					



MEDIUM

The intermediate version is fitted with different optical systems based on the beam opening to optimise the lighting effect to the full and LED source performance.



DART MEDIUM
135mm
From 16W to 36W

NSP Lenses
SP Hybrid
FL Hybrid
MWFL Reflector
WFL Reflector
ASY Asymmetrical Reflector

The DART range, available in three different sizes, has durable materials, attention to thermal management - essential for the lifespan of the LED source - and a large range of optics and high performance.

MAXI

The maxi version is designed for architectural lighting of large surfaces or where it is necessary to light from long distances. It is the only fixture fitted with classic optics as well as a Narrow Spot optical system with indirect light for a clean and precise 8° beam.

SMALL

Available in two versions with a remote driver for installations in small spaces, and with an integrated driver to simplify the system and cable routing on the facade. Both are available for accent lighting of sculptures, small architecture, trees, etc...



DART MAXI
214mm
From 24W to 69W

NSP Indirect
SP Hybrid
FL Hybrid
MWFL Reflector
WFL Reflector
ASY Asymmetrical Reflector

DART SMALL
75mm
From 3W to 15W

NSP Lenses
SP Lenses
FL Lenses
MWFL Reflector

NSP indirect optic

The NSP optic only the Maxi version is fitted with works by reflection and guarantees a clear and precise beam. The light source is concealed from view and directed toward the parabolic reflector, which collimates the beams and produces a distinctly defined narrow cone of light.

Dart Maxi: Narrow Spot

**Hybrid optic**

The hybrid optic has a short and yet nuanced fall-off; this makes it possible to create highly effective concentrated lighting.

Dart Maxi: Spot, Flood

Dart Medium: Spot, Flood



Optical systems

The many optical systems available make DART a complete and flexible range. Every optic is designed to optimise the LED source to the full and create a clean, well-defined light beam.

Optic with lenses

The optics with lenses available for Dart Small and Dart Medium enable the creation of clean, well-defined beams with minimal fall-off.

Dart Medium: Narrow Spot

Dart Small: Narrow Spot, Spot, Flood



Optics with reflectors

The optic with a reflector has the highest luminous efficiency, it is therefore preferable when performance is the determining factor in choosing a light fixture. It makes it possible to have beams with a good gradient effect and is suitable for softly lighting large surfaces and medium-sized trees.

Dart Maxi: Medium Wide Flood, Wide Flood

Dart Medium: Medium Wide Flood, Wide Flood

Dart Medium RGBW: Spot, Flood, Medium Wide Flood, Wide Flood

Dart Small: Medium Wide Flood



Asymmetric optic

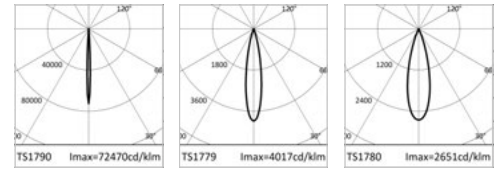
Dart Medium and Dart Maxi include asymmetric optics in the range which allow large surfaces to be lit uniformly. With this type of optic it is possible to create uniform effects on vertical surfaces, vaulted ceilings and pedestrian paths with a distance of approximately 4/5 metres between one fixture and another.







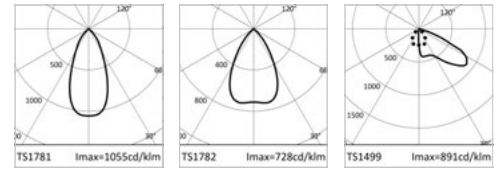
DART MAXI
Up to 110lm/W
From 1760lm to 7416lm
3000K - 4000K
Ra80



INDIRECT
NSP 8°

HYBRID
SP 20°

HYBRID
FL 28°



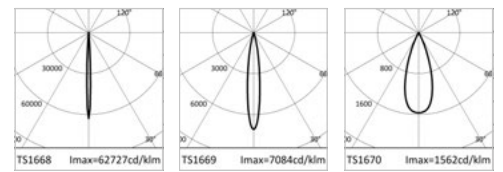
REFLECTOR
MWFL 43°

REFLECTOR
WFL 59°

ASY 40°x70°



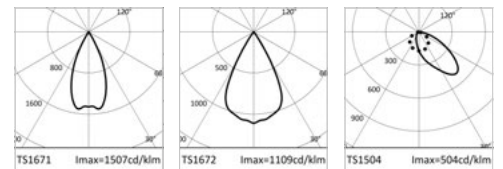
DART MEDIUM
Up to 129lm/W
From 1795lm to 4169lm
3000K - 4000K
Ra80



LENS
NSP 10°

HYBRID
SP 14°

HYBRID
FL 32°



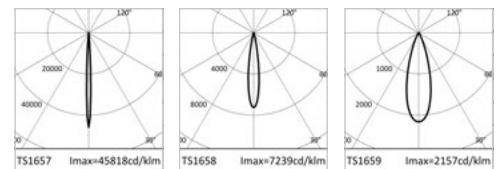
REFLECTOR
MWFL 48°

REFLECTOR
WFL 62°

ASY 51°x83°



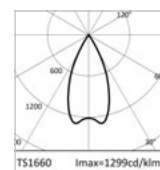
DART SMALL
Up to 125lm/W
From 147lm to 1691lm
3000K - 4000K
Ra80



LENS
NSP 9°

LENS
SP 17°

LENS
FL 32°



REFLECTOR
MWFL 46°

Optics	NSP	SP	FL	MWFL	WFL	Asym
Maxi	●	●	●	●	●	●
Medium	●	●	●	●	●	●
Medium RGBW		●	●	●	●	
Small	●	●	●	●		

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

The mounting accessories allow for great installation flexibility with wall-mounted, ground and pole-mounted solutions.



Plate for rotating the appliance parallel to the installation surface.
For Medium and Maxi versions



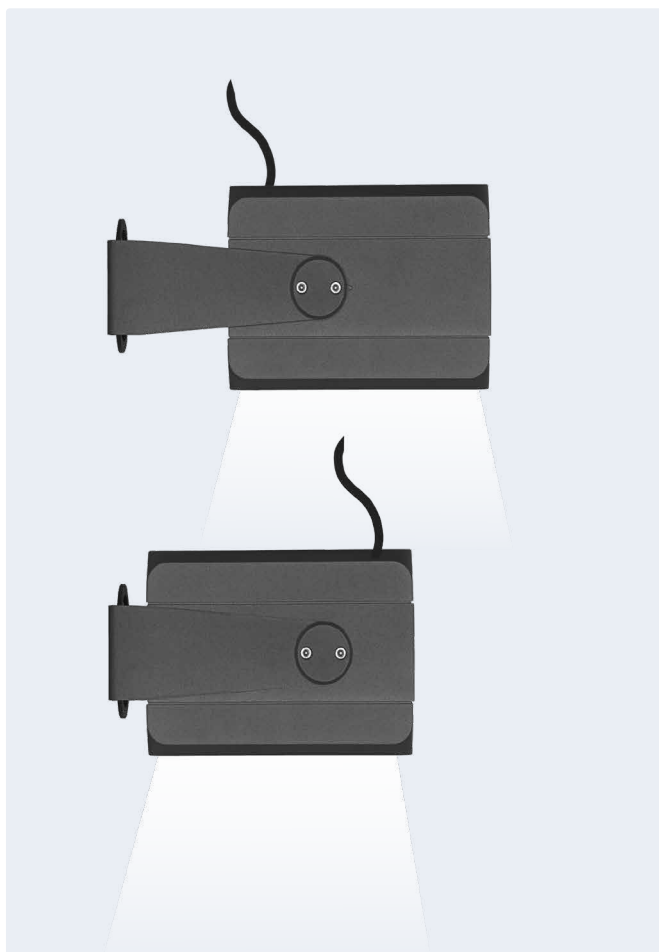
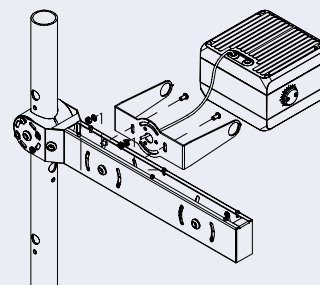
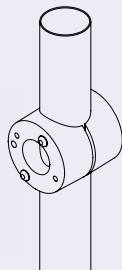
Earth spike



Multiple pole mounting for up to 4 fixtures
(to be completed with a pole attachment, one for each projector)
For Medium and Maxi versions



Pole attachment
One for each projector.
For Medium and Maxi versions



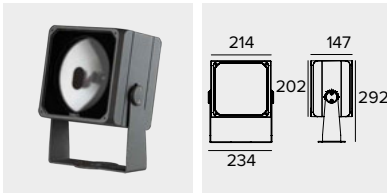
All projectors are designed for rotation with an offset centre to bring the body of the fixture closer or further away from the support surface and choose the distance of the output cable.

The graduated scale allows for precise and replicable aiming.



DART Maxi

220-240Vac | Ra80 | Fixture flux 3000K from 1760lm to 7416lm



Optic	Driver	Colour	3000K	4000K
NSP 8° 24W	ON-OFF	●	1E3942EL	1E3943EL
	DALI	●	1E3942DA	1E3943DA
SP 20° 69W	ON-OFF	●	1E3956EL	1E3957EL
	DALI	●	1E3956DA	1E3957DA
FL 28° 69W	ON-OFF	●	1E3958EL	1E3959EL
	DALI	●	1E3958DA	1E3959DA
MWFL 43° 69W	ON-OFF	●	1E3960EL	1E3961EL
	DALI	●	1E3960DA	1E3961DA
WFL 59° 69W	ON-OFF	●	1E3962EL	1E3963EL
	DALI	●	1E3962DA	1E3963DA
ASY 69W	ON-OFF	●	1E3964EL	1E3965EL
	DALI	●	1E3964DA	1E3965DA

Note 1 (IE2769) connector necessary for electronic and DALI versions.
Related codes and accessory codes on page 478.

DART Medium

220-240Vac | Ra80 | Fixture flux 3000K from 1795lm to 4169lm

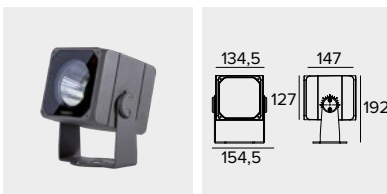


Optic	Driver	Colour	3000K	4000K
NSP 10° 19W	ON-OFF	●	1E3928EL	1E3929EL
	DALI	●	1E3928DA	1E3929DA
SP 14° 36W	ON-OFF	●	1E3930EL	1E3931EL
	DALI	●	1E3930DA	1E3931DA
FL 32° 36W	ON-OFF	●	1E3932EL	1E3933EL
	DALI	●	1E3932DA	1E3933DA
MWFL 48° 33W	ON-OFF	●	1E3934EL	1E3935EL
	DALI	●	1E3934DA	1E3935DA
WFL 62° 33W	ON-OFF	●	1E3936EL	1E3937EL
	DALI	●	1E3936DA	1E3937DA
ASY 33W	ON-OFF	●	1E3938EL	1E3939EL
	DALI	●	1E3938DA	1E3939DA

Note 1 (IE2769) connector necessary for electronic and DALI versions.
Related codes and accessory codes on page 478.

DART Medium RGBW

850mA | Fixture flux up to 1044lm | RGBW W=6500K

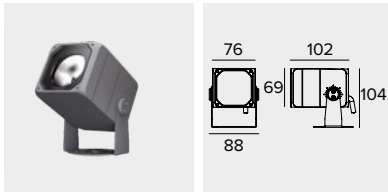


Optic	Power supply	Colour	RGBW
SP 17° 31W	850mA	●	1E3864
FL 33° 31W	850mA	●	1E3865
MWFL 47° 31W	850mA	●	1E3866
WFL 58° 31W	850mA	●	1E3882

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 478.

DART Small Integrated driver

220-240Vac | Ra80 | Fixture flux 3000K from 147lm to 1494lm

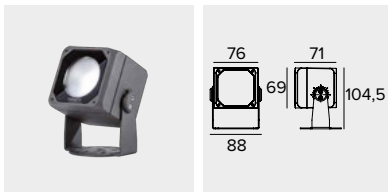


Optic	Driver	Colour	3000K	4000K
NSP 9° 5W	ON-OFF	●	1E3056EL	1E3057EL
SP 17° 15W	ON-OFF	●	1E3922EL	1E3923EL
FL 32° 13W	ON-OFF	●	1E3924EL	1E3925EL
MWFL 46° 13W	ON-OFF	●	1E3926EL	1E3927EL

Note 1 (1E2769) connector necessary for ON-OFF versions.
Related codes and accessory codes on page 478.

DART Small Remote driver

Ra80 | Fixture flux 3000K from 147lm to 1691lm



Optic	Power supply	Colour	3000K	4000K
NSP 9° 3W	900mA	●	1E2986	1E2987
SP 17° 15W	400mA	●	1E3916	1E3917
FL 32° 14W	400mA	●	1E3918	1E3919
MWFL 46° 14W	400mA	●	1E3920	1E3921

Note To be completed with an ON-OFF or DALI driver.
Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 478.

Related codes and accessories

DART

Accessory codes

Mounting System

Version	Ø	Code
Dart Maxi	168mm	1E3094
Dart Medium	101mm	1E3023
Dart Medium RGBW	101mm	1E3023
Dart Small	53mm	1E3012



Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.

Holder Ring

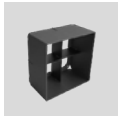
Version	Colour	Code
Dart Maxi	●	1E3093
Dart Medium	●	1E3022
Dart Medium RGBW	●	1E3022
Dart Small	●	1E3011



Holder ring.
Powder coated stainless steel.

Grid

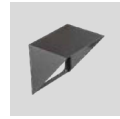
Version	Colour	Code
Dart Maxi	●	1E3096
Dart Medium	●	1E3025
Dart Medium RGBW	●	1E3025
Dart Small	●	1E3014



Anti-glare louver.
The central elements may be removed to obtain two different levels of glare control.
Powder coated stainless steel.

Filter

Version	Colour	Code
Dart Maxi	●	1E3095
Dart Medium	●	1E3024
Dart Medium RGBW	●	1E3024
Dart Small	●	1E3013



Asymmetric screen.
Powder coated stainless steel.

Mounting System

Version	Colour	Code
Dart Maxi	●	1E3026
Dart Medium	●	1E3026
Dart Medium RGBW	●	1E3026
Dart Small	●	1E3015



Plate for fixture rotation.
Powder coated stainless steel.

Version	Colour	Code
Dart Maxi ø150x352mm	●	1E3188
Dart Medium ø96x182mm	●	1E3028
Dart Medium RGBW ø96x182mm	●	1E3028
Dart Small ø70x182mm	●	1E3016



Earthspike.
Powder coated stainless steel.

Version	Colour	Code
Dart Maxi	●	1E2825
Dart Medium	●	
Dart Medium RGBW	●	



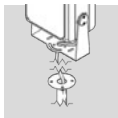
Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

Version	Colour	Code
Dart Maxi	●	1E3097
Dart Medium	●	1E3027
Dart Medium RGBW	●	1E3027



Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

Version	Colour	Code
Dart Maxi	●	1E3187



Pole with base.
Powder coated stainless steel.

Tool

Version	Colour	Code
Dart Maxi	●	1E3098
Dart Medium	●	1E3029
Dart Medium RGBW	●	1E3029



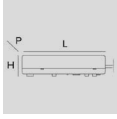
Laser pointing system.
Installed by friction on the projector's body.
Powder coated stainless steel.
Laser included.

Related codes and accessories

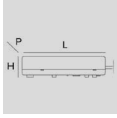
DART

Related codes

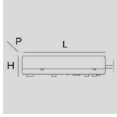
Power Supply Dart Small Remote Driver

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	146x22x43	18W	220-240Vac	400mA	IP20	1T4215EL
	110x22x52	20W 15W	220-240Vac 110-127Vac	900mA	IP20	1T5295EL
	115x26x53	20W 15W	220-240Vac 110-127Vac	400mA	IP68	1E3033EL
	150x40x148	20W 15W	220-240Vac 110-127Vac	900mA	IP68	1E3034EL

Electronic power supply.


	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	111x22x52	20W 15W	220-240Vac 110-127Vac	400mA	IP20	1T4215D
	111x22x52	20W 15W	220-240Vac 110-127Vac	900mA	IP20	1T5295D
	135x31x80	20W	110-240Vac	400mA	IP68	1E3033D
	220x80x120	20W 15W	220-240Vac 110-127Vac	900mA	IP68	1E3034D

1-10V power supply.

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	146x30x44	20W	220-240Vac	400mA	IP20	1T4215DA
	150x28x42	20W	220-240Vac	900mA	IP20	1T5295DA
	115x26x53	20W 15W	220-240Vac 110-127Vac	400mA	IP68	1E3033DA
	220x80x120	20W	220-240Vac	900mA	IP68	1E3034DA
	150x40x148	max 50W	220-240Vac	900mA	IP68	1E2574

DALI power supply.

Power Supply Dart Medium RGBW

	Code
	1E3883

DMX 4 channel driver - 850mA.
50W, LxHxP=220x80x120mm, 120-277Vac.
IP68 gray powder coated aluminum box.


Accessory codes

Connector

Version	Code	Version	Code		
	Dart Maxi		Dart Maxi		
	Dart Medium		1E2769	Dart Medium	1E2494
	Dart Small				

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

Multiple connection box IP68.
1IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Version	Code	
	Dart Small	1E2493

Linear connection box IP68.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.

Related codes and accessories




DART

Accessory codes

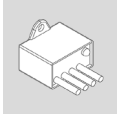
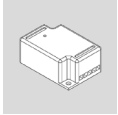
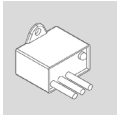
Control systems

Version	Code	Version	Code
 Dart Maxi		 Dart Maxi	
Dart Medium	1E3048	Dart Medium	1E4369
Dart Small		Dart Small	
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

Control systems Dart Medium RGBW

Code	Code
 1T6499	 1T1898
myScenario Wall. More details on page 678.	my-SCENARIO Show Store. More details on page 678.
Code	
 1E2767	
USB-RDM Programmer code. More details on page 678.	

Surge protector




















Version	Code	Version	Code
 Dart Maxi		 Dart Maxi	
Dart Medium	A013A	Dart Medium	A013C
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67		Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20	
Version	Code		
 Dart Small	A013B		
Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67			



JUPITER PROJECTOR



Outdoor Jupiter projectors are high performance and extremely compact. They are available in two different versions: Jupiter Mini, for decorative and scenographic lighting and Jupiter Pro that is suitable for landscape and professional architectural lighting.

								
Surface	Wall-mounted	Ground	Accent	Soft controlled	2700K	3000K	3500K	4000K
INSTALLATION			LIGHT		COLOUR TEMPERATURE			
								
On-Off	Dali	Casambi	1-10V Dimming	Remote driver	Ferrite	Bronze (JUPITER Pro)		
CONTROL			POWER SUPPLY		FINISH			
								
PROTECTION RATING			RESISTANCE		ON REQUEST			





Jupiter Mini

This is the simplest and most compact version in the range. It has a lens optical system for precise and defined beams. It is supplied with a stainless steel bracket that allows it to be adjusted to (+/-90°) on the vertical plane and (0-330°) on the horizontal plane.



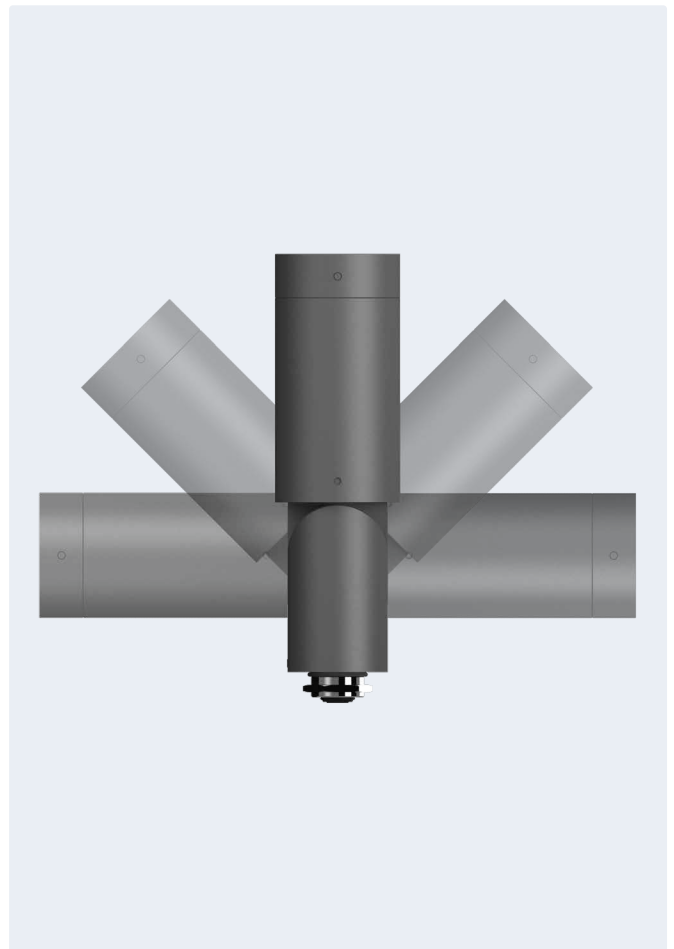
Jupiter Pro

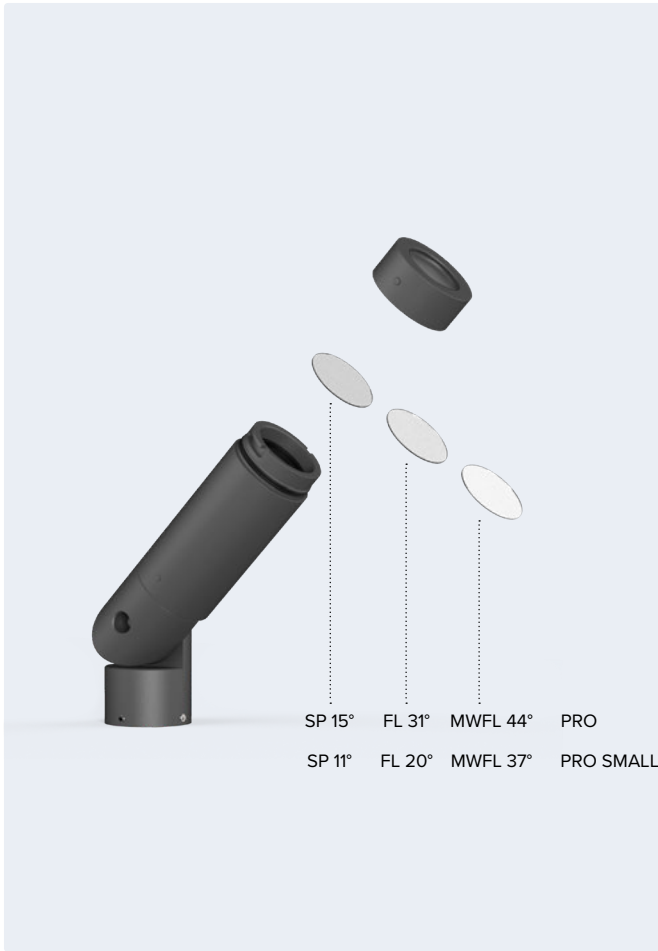
This is the most professional version in the range available with two different diameters - Ø40 and Ø50 - with fixed or multi-optics to easily change the beam width according to needs from Spot to Medium wide Flood.

The Jupiter range has two versions Jupiter Mini and Jupiter Pro, both 24V and with a lenticular optical system for precise and defined beams.



Jupiter Pro is equipped with a joint that makes it possible to adjust the projector by 360° on the horizontal plane and 180° on the vertical plane.





Multi-optic versions

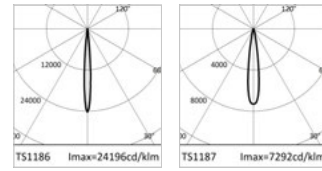
One of the primary features of Jupiter Pro is the possibility to change the beam opening of the Multi-optic version. Without changing the IP rating it is possible to change the holographic filter inside the optical compartment to obtain different beam width openings. The product is supplied with accessory holographic filters so they can be changed based on project needs.

Varied and flexible installation

Jupiter Pro is equipped with a universal mounting system and can be installed using any support equipped with a G ½ shank hole (Ø22mm). In the Targetti collection there are two different installation systems available as accessories: a spike for in-ground installation and a plate for wall-mounted or inground installation. Pole installation is also possible by requesting the special accessory.

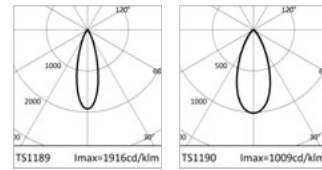


JUPITER PRO
 Up to 77lm/W
 From 394lm to 858lm
 2700K - 3000K - 3500K - 4000K
 Ra80 - Ra90



NSP 8°

SP 15°
 Multi-optic

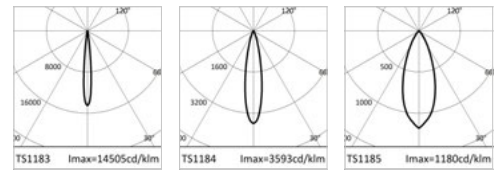


FL 31°
 Multi-optic

MWFL 44°
 Multi-optic



JUPITER PRO SMALL
 Up to 61lm/W
 From 300lm to 442lm
 2700K - 3000K - 3500K - 4000K
 Ra80 - Ra90



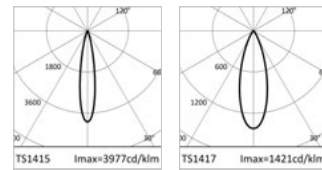
SP 11°
 Multi-optic

FL 20°
 Multi-optic

MWFL 37°
 Multi-optic



JUPITER MINI
 Up to 40lm/W
 From 93lm to 101lm
 3000K - 4000K
 Ra90



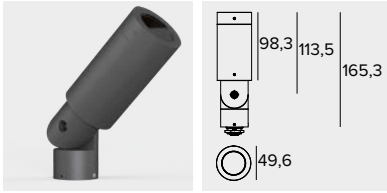
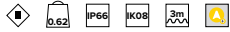
SP 19°

FL 32°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

JUPITER PRO

24Vdc | Ra80 - Ra90 | Fixture flux 3000K from 394lm to 858lm

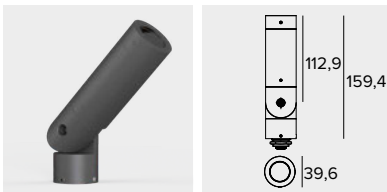


Optic	CRI	Colour	2700K	3000K	3500K	4000K
NSP 8° 8W	80	●	1E3773	1E3774	1E3775	1E3877
		●	1E3776	1E3777	1E3778	1E3878
	90	●	1E377390	1E377490	1E377590	1E387790
		●	1E377690	1E377790	1E377890	1E387890
SP 15°, FL 31°, MWFL 44° 12W	80	●	1E3779	1E3780	1E3781	1E3879
		●	1E3782	1E3783	1E3784	1E3880
	90	●	1E377990	1E378090	1E378190	1E387990
		●	1E378290	1E378390	1E378490	1E388090

Note Related codes and accessory codes on page 488.

JUPITER PRO Small

24Vdc | Ra80 - Ra90 | Fixture flux 3000K from 300lm to 442lm

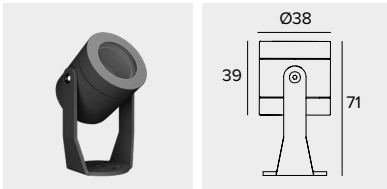
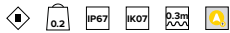


Optic	CRI	Colour	2700K	3000K	3500K	4000K
SP 11°, FL 20°, MWFL 37° 8W	80	●	1E3767	1E3768	1E3769	1E3875
		●	1E3770	1E3771	1E3772	1E3876
	90	●	1E376790	1E376890	1E376990	1E387590
		●	1E377090	1E377190	1E377290	1E387690

Note Related codes and accessory codes on page 489.

JUPITER Mini Projector

24Vdc | Ra90 | Fixture flux 3000K from 93lm to 101lm



Optic	Power supply	Colour	3000K	4000K
SP 19° 3W	24Vdc	●	1E316790	1E316890
FL 32° 3W	24Vdc	●	1E317190	1E317290

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 490.

Related codes and accessories

JUPITER PRO

Related codes

Mounting System

	Ø mm	H mm	Colour	Code
	50	232	●	1E3785
	50	232	●	1E3803

Earthspike.
Powder coated stainless steel.

Colour	Code
●	1E3786
●	1E3804




Plate for fixture rotation (surface installation).
Powder coated stainless steel.

Related codes and accessories


JUPITER PRO

Accessory codes

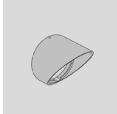


Filter

	Code
	1E3790
Blade of light filter. PMMA holographic filter for a blade of light effect. Diameter 36mm.	

Grid

	Code
	1E3792
Anti-glare louver. Black painted metal honeycomb structure. Ready to be housed inside the optical compartment. Diameter 36mm.	

Screen

	Colour	Code
		1E3788
		1E3806
Asymmetric screen. Powder coated stainless steel. Diameter 36mm.		

Tool




	Code
	1E3305
Tightening wrench for the connector kit.	




Related codes and accessories

JUPITER PRO Small

Related codes


Mounting System

	Ø mm	H mm	Colour	Code
	50	232		1E3785
	50	232		1E3803
Earthspike. Powder coated stainless steel.				


	Colour	Code
		1E3786
		1E3804
Plate for fixture rotation (surface installation). Powder coated stainless steel.		

Accessory codes

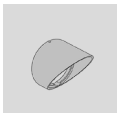


Filter

	Code
	1E3789
Blade of light filter. PMMA holographic filter for a blade of light effect. Diameter 26mm.	

Grid

	Code
	1E3791
Anti-glare louver. Black painted metal honeycomb structure. Ready to be housed inside the optical compartment. Diameter 26mm.	

Screen

	Colour	Code
		1E3787
		1E3805
Asymmetric screen. Powder coated stainless steel. Diameter 26mm.		

Tool



	Code
	1E3305
Tightening wrench for the connector kit.	

Related codes and accessories

JUPITER Mini Projector

Accessory codes

Mounting System

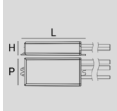
	L mm	Colour	Code
	110		1E0995FE
Ferrite painted stainless steel peg for ground anchorage.			

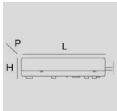
Related codes and accessories

JUPITER | Codes compatible with the whole range

Related codes

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL
Electronic power supply.						

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588
Electronic power supply.						


Accessory codes

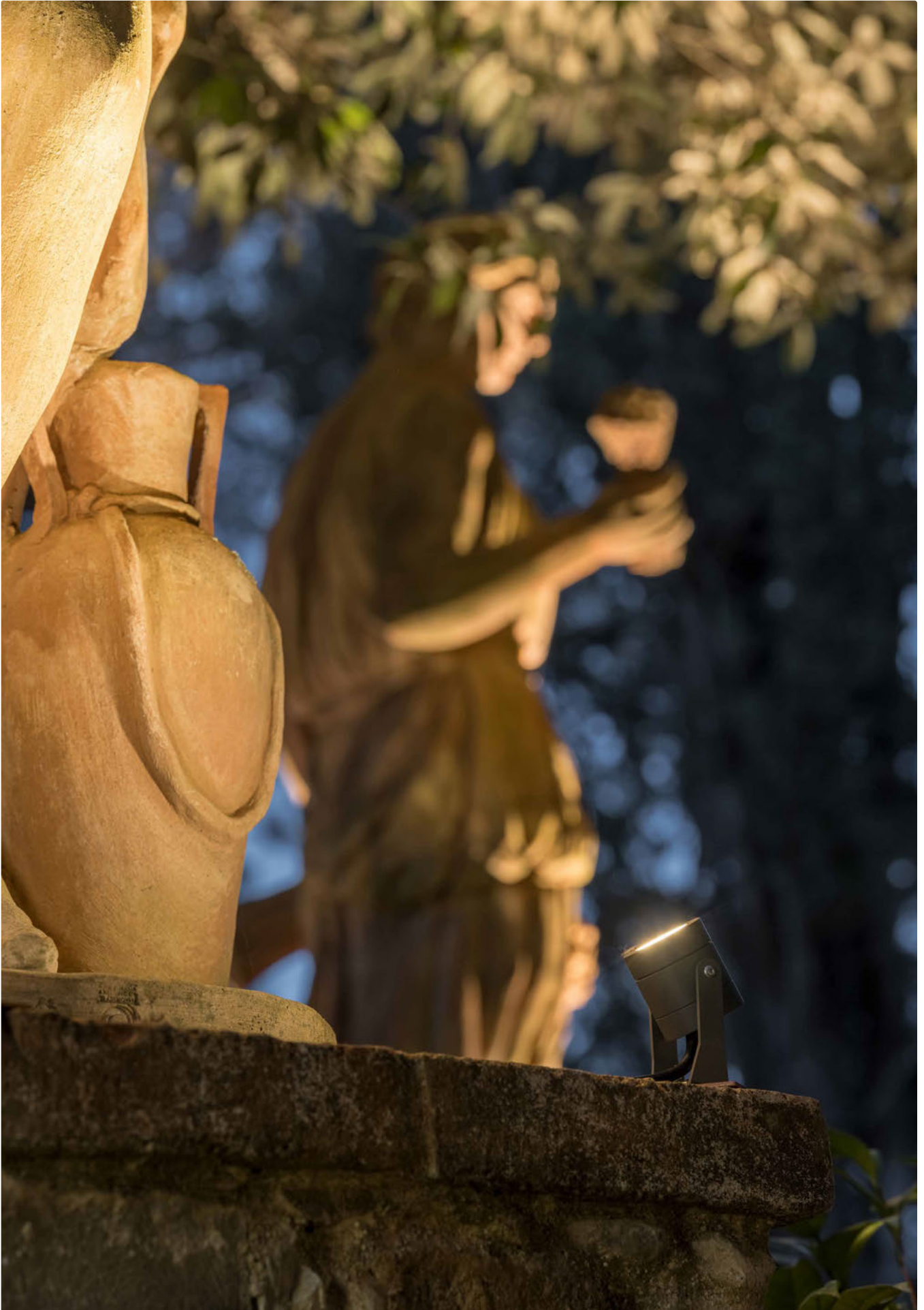
Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68, 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Control systems

	Code		Code
	1T6581		1E3048
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20		IP67 wireless control unit with DALI interface. More details on page 672.	












	Code
	1E4369
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	



PYROS



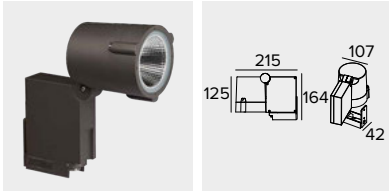
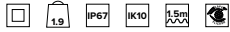
Nano Pyros and Pico Pyros are professional tools to light architecture and landscape. They are particularly suitable for lighting facades, porticos, trees and borders and for all those design contexts in which the precision of the effect must be combined with the excellence of the performance. Both Nano Pyros and Pico Pyros are adjustable on the two axes with aiming lock. Nano Pyros allows for rotation of 135° on the vertical plane and +/-110° on the horizontal plane. Pico Pyros is adjustable by 180° on the vertical plane and +/-45° on the horizontal plane.

					
Surface	Ground	Accent	Soft controlled	3000K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE	
					
On-Off	220-240V	IP66 IP67	IK10		
CONTROL	POWER SUPPLY	PROTECTION RATING	RESISTANCE		
	110-277V Power Supply (Nano Pyros) Cataphoresis treatment				
FINISH	ON REQUEST				



NANO PYROS

220-240Vac | Ra80 | Fixture flux 3000K from 1729lm to 2663lm

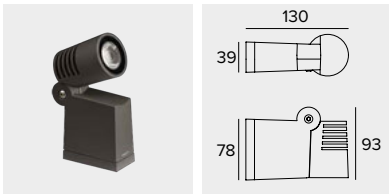
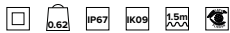


Optic	Driver	Colour	3000K	4000K
SP 13° 25W	ON-OFF	●	1E2827	1E2828
FL 32° 25W	ON-OFF	●	1E2829	1E2830
MWFL 45° 24W	ON-OFF	●	1E2831	1E2832

Note Accessory codes on page 494.

PICO PYROS

220-240Vac | Ra80 | Fixture flux 3000K from 361lm to 408lm




Optic	Driver	Colour	3000K	4000K
SP 18° 11W	ON-OFF	●	1E2857	1E2859
FL 36° 11W	ON-OFF	●	1E2858	1E2860

Note Accessory codes on page 495.

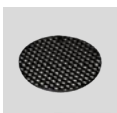
Accessory codes

NANO PYROS


Filter

	Kg	Ø mm	Code		Kg	Ø mm	Code
	0.25	107	1E2853		0.25	107	1E2854
<p>"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.</p>				<p>"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.</p>			

Grid

	Code
	1E2766
<p>Anti-glare louver. Black painted metal honeycomb structure. Designed to be housed inside the fixture.</p>	



Screen

	Code
	1E2855
<p>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.</p>	

Ray Shade

	Code
	1E2856
<p>Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws. 0.26Kg.</p>	


Mounting System

	Kg	L mm	Code		Kg	L mm	Code
	0.5	200	1E2845		0.5	232	1E2847
	1.3	800	1E2846		6.5	832	1E2848
<p>Earthspike.</p>				<p>Spike with base for surface installation. 1E2847 - Short peg with base for surface mounting. 1E2848 - Long peg with base for surface mounting.</p>			

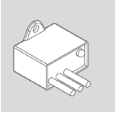
Accessory codes

PYROS | Codes compatible with the whole range

Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Surge protector















	Code
	A013B
Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67	

JEDI PROJECTOR



Jedi is an extremely sturdy, high performance, outdoor linear projector. The various lighting effects, installation flexibility, three different lengths and the ability to blend easily into the architecture, make it an indispensable tool for lighting wide surfaces.

Available in a projector or a recessed inground version with white or RGBW LED sources.

							
Surface	Accent	Soft controlled	Wall Washer	Grazing	3000K	4000K	RGBW
INSTALLATION	LIGHT			COLOUR TEMPERATURE			
							
On-Off	Dali	220-240V	IK08	IP66 IP67			
CONTROL	POWER SUPPLY		RESISTANCE	PROTECTION RATING			
	110-277V power supply Ra90						
FINISH	ON REQUEST						

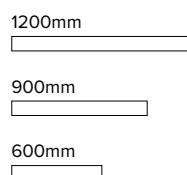






Available in three different lengths

Jedi is a sturdy, high performance fixture with a range of optics with flush glass that allows for continuous row installations, a line of light without interruptions both for recessed and surface-mounted. The lumen packages are proportionate to the length to have the same quality of light per linear metre making it possible to uniformly light every surface regardless of the length of the product used.



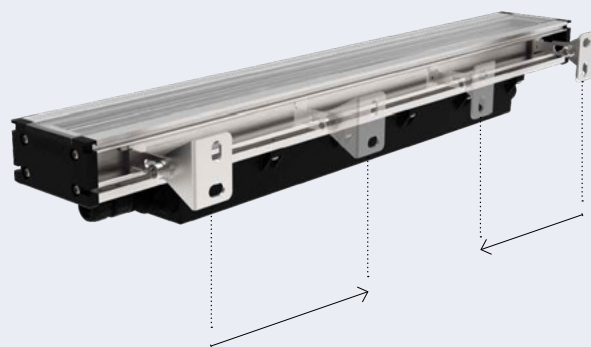
Rapid connection

The body is perfectly sealed and the external electrical connection is with IP68 connectors for rapid Plug & Light installation.



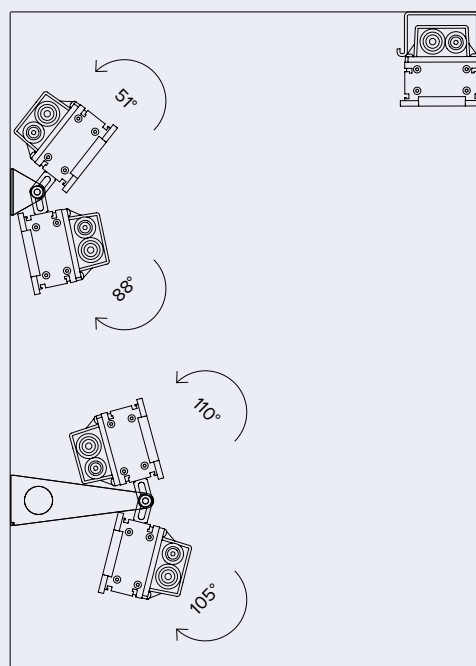
Installation flexibility

For installations on horizontal and vertical surfaces JEDI must be accessorised with adjustable brackets that are available in two different lengths. The great advantage of JEDI is the possibility of sliding the brackets along the body without any constraints so there are no limitations when installing on facades or under eaves.



Wide adjustability

Thanks to the special fixing brackets JEDI Compact can be ceiling or wall-mounted both fixed and adjustable. The adjustable brackets are available in two different lengths and allow for wide rotation with aim locking using an Allen key for maximum reliability in the installation phase





RGBW Technology

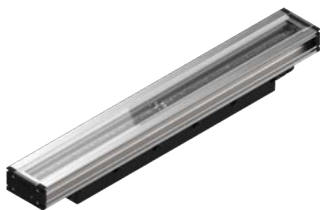
The quadri-chip LED technology the fixtures are equipped with allows for perfect colour mixing in every single chip for a uniform and homogeneous high quality result where the perception of the primary colours making up the light emitted is completely eliminated.



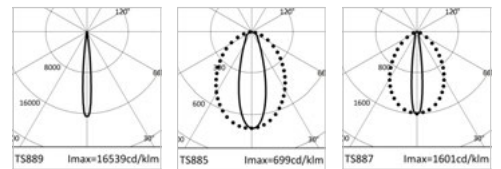
LIGHTING EFFECTS

There are four different lighting effects:

- Grazing** – Grazing light
- Wall washer** – Soft and uniform lighting of vertical or horizontal planes
- Spot** – Accent light for precise and focused effects
- Flood** – Soft controlled light for localised effects



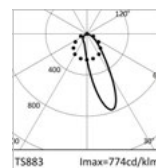
JEDI PROJECTOR
 Up to 117lm/W
 From 1560lm to 5922lm
 3000K - 4000K
 Ra80



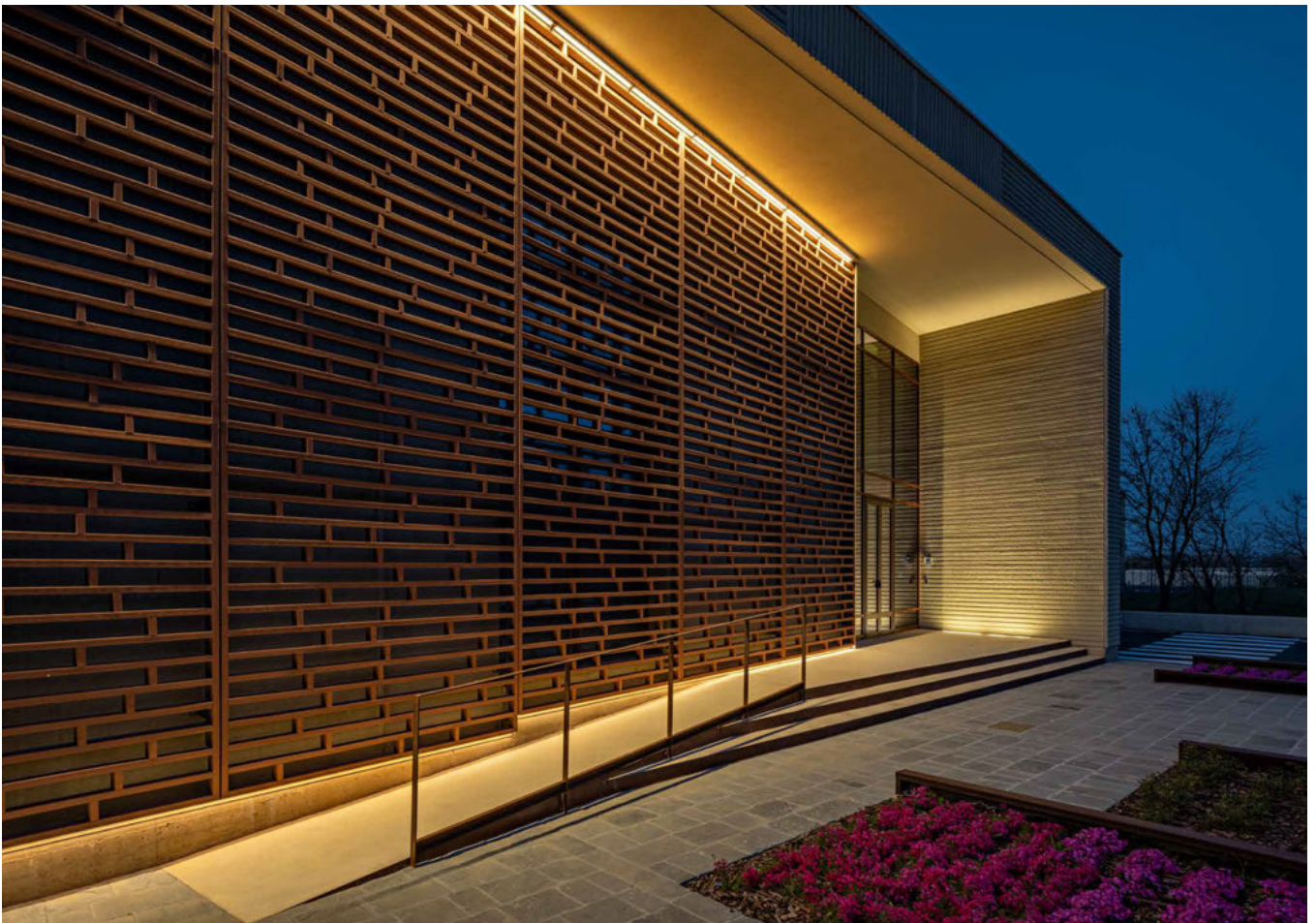
SP 10°

FL 32° - 85°

GR 15° - 76°

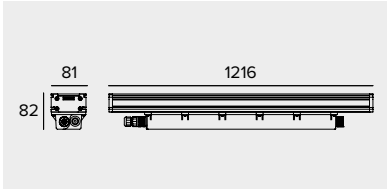


WW



JEDI Projector | L. 1216mm

220-240Vac | Ra80 | Fixture flux 3000K from 3120lm to 5922lm

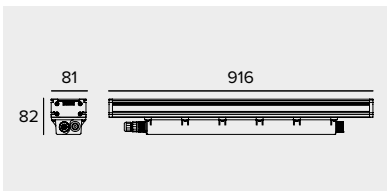
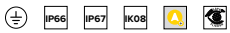


Optic	Driver	Colour	3000K	4000K
SP 51W	ON-OFF	●	1E2661	1E2662
	DALI	●	1E2663	1E2664
FL 53W	ON-OFF	●	1E2625	1E2626
	DALI	●	1E2627	1E2628
GRZ 53W	ON-OFF	●	1E2601	1E2602
	DALI	●	1E2603	1E2604
WW 53W	ON-OFF	●	1E2649	1E2650
	DALI	●	1E2651	1E2652

Note Related codes and accessory codes on page 506.

JEDI Projector | L. 916mm

220-240Vac | Ra80 | Fixture flux 3000K from 2341lm to 4441lm

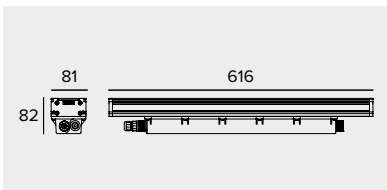


Optic	Driver	Colour	3000K	4000K
SP 40W	ON-OFF	●	1E2657	1E2658
	DALI	●	1E2659	1E2660
FL 40W	ON-OFF	●	1E2617	1E2618
	DALI	●	1E2619	1E2620
GRZ 40W	ON-OFF	●	1E2593	1E2594
	DALI	●	1E2595	1E2596
WW 40W	ON-OFF	●	1E2641	1E2642
	DALI	●	1E2643	1E2644

Note Related codes and accessory codes on page 506.

JEDI Projector | L. 616mm

220-240Vac | Ra80 | Fixture flux 3000K from 1560lm to 2961lm

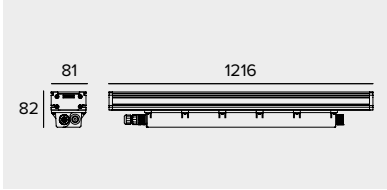


Optic	Driver	Colour	3000K	4000K
SP 28W	ON-OFF	●	1E2653	1E2654
	DALI	●	1E2655	1E2656
FL 28W	ON-OFF	●	1E2609	1E2610
	DALI	●	1E2611	1E2612
GRZ 28W	ON-OFF	●	1E2585	1E2586
	DALI	●	1E2587	1E2588
WW 28W	ON-OFF	●	1E2633	1E2634
	DALI	●	1E2635	1E2636

Note Related codes and accessory codes on page 506.

JEDI Projector RGBW | L. 1216mm

220-240Vac | Fixture flux up to 2838lm | RGBW W=3000K

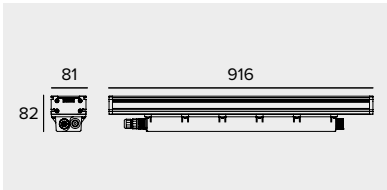


Note Related codes and accessory codes on page 506.

Optic	Driver	Colour	RGBW
FL 55W	DMX RDM	●	1E4255
GRZ 55W	DMX RDM	●	1E4256
WW 55W	DMX RDM	●	1E4257

JEDI Projector RGBW | L. 916mm

220-240Vac | Fixture flux up to 2129lm | RGBW W=3000K

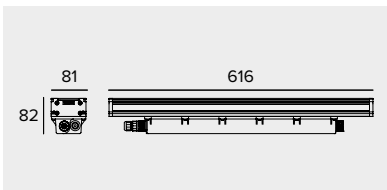
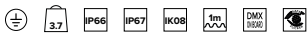


Note Related codes and accessory codes on page 506.

Optic	Driver	Colour	RGBW
FL 41W	DMX RDM	●	1E4252
GRZ 41W	DMX RDM	●	1E4253
WW 41W	DMX RDM	●	1E4254

JEDI Projector RGBW | L. 616mm

220-240Vac | Fixture flux up to 1419lm | RGBW W=3000K



Note Related codes and accessory codes on page 506.

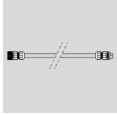
Optic	Driver	Colour	RGBW
FL 28W	DMX RDM	●	1E4249
GRZ 28W	DMX RDM	●	1E4250
WW 28W	DMX RDM	●	1E4251

Related codes and accessories

JEDI Projector

Accessory codes

Cable

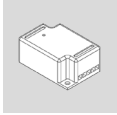
	L mm	Code
	320	1E2762
	470	1E2763
	620	1E2764
	770	1E2765

Connection cable.
Complete with 5 pole connectors.
For the ON-OFF 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.

Control systems

	Code		Code
	1E3048		1E4369
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

Surge protector


	Code
	A013C
Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20	

Related codes and accessories


JEDI Projector RGBW


Accessory codes

Connector

	Code
	1E3184
IP68 4-way cable connector (5 pole).	

Control systems

	Code		Code
	1E2767		1T1898
USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.	

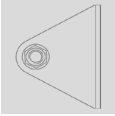
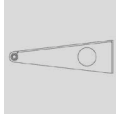
	Code
	1T6499
myScenario Wall. More details on page 678.	

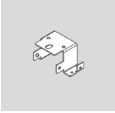
Related codes and accessories

JEDI | Codes compatible with the whole range

Related codes

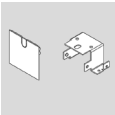
Mounting System

	Code		Code
	1E2752		1E2753
	Short bracket for wall installation (2 pieces).		Long bracket for wall installation (2 pieces).

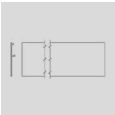
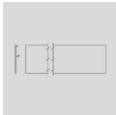
	Code
	1E2754
	Bracket for ceiling installation (2 pieces).

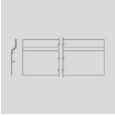
Accessory codes

End Caps


	Code
	1E2761
	End cap with bracket for ceiling installation included.

Cover Panel

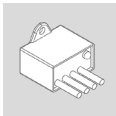
	L mm	Code		L mm	Code
	616	1E3045		616	1E2755
	916	1E3046		916	1E2756
	1216	1E3047		1216	1E2757
		Side cover for ceiling installation.			Side cover for wall/cornice installation.

	L mm	Code
	616	1E2758
	916	1E2759
	1216	1E2760
		Anti-glare side cover.

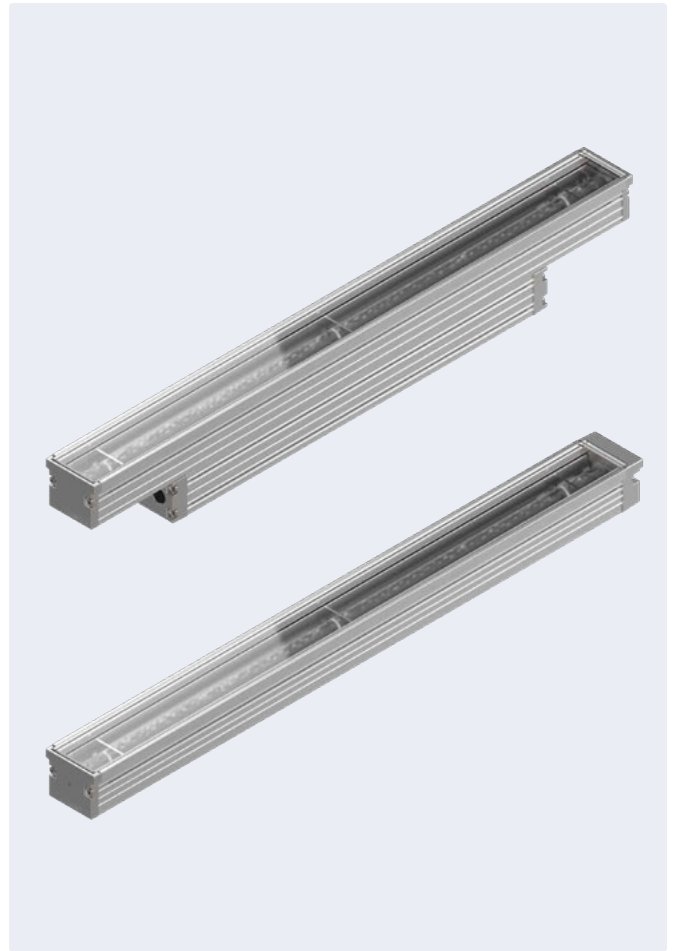
Connector

	Code
	1E2769
	Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.






















Surge protector

	Code
	A013A
	Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67

JEDI COMPACT PROJECTOR



A high performance linear fixture suitable for installation on small grooves or on particularly thin frames. Available with different optical solutions and suitable for lighting pedestrian areas, vaulted ceilings or vertical surfaces. The RGBW version is the perfect tool for scenographic architectural lighting with chromatic effects with multiple shades.

								
Wall-mounted	Surface	Accent	Soft controlled	Wall Washer	Grazing			
INSTALLATION		LIGHT						
								
2700K	3000K	3500K	4000K	RGBW	On-Off	Casambi	Dali	DMX
COLOUR TEMPERATURE				CONTROL				
								
220-240V	500mA remote driver	IK08	IP66 IP67	Aluminium	110-277V Power Supply Ra90			
POWER SUPPLY	RESISTANCE	PROTECTION RATING	FINISH	ON REQUEST				



All projectors in the Jedi Compact Outdoor range are available in four different lengths.

The 300mm length versions and those equipped with RGBW sources are only available with remote drivers.



The Jedi Compact range is available with different colour temperatures and a RGBW version. Tunable White LED sources and other personalised colour temperatures are available on request.

High resistance to corrosion

The treatments Jedi Compact is subject to make it highly resistant to corrosion and suitable for installation in coastal areas without salt water spray.

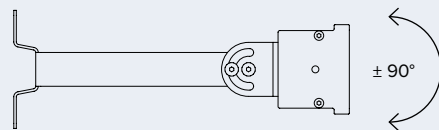
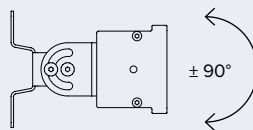


Simplicity in light control

All the JEDI Compact range is available in an electronic ON-OFF version and a DALI version. The versions with DALI drivers can be controlled with the CASAMBI APP if fitted with the special accessory. A simple smartphone is enough to create and manage any light scene.

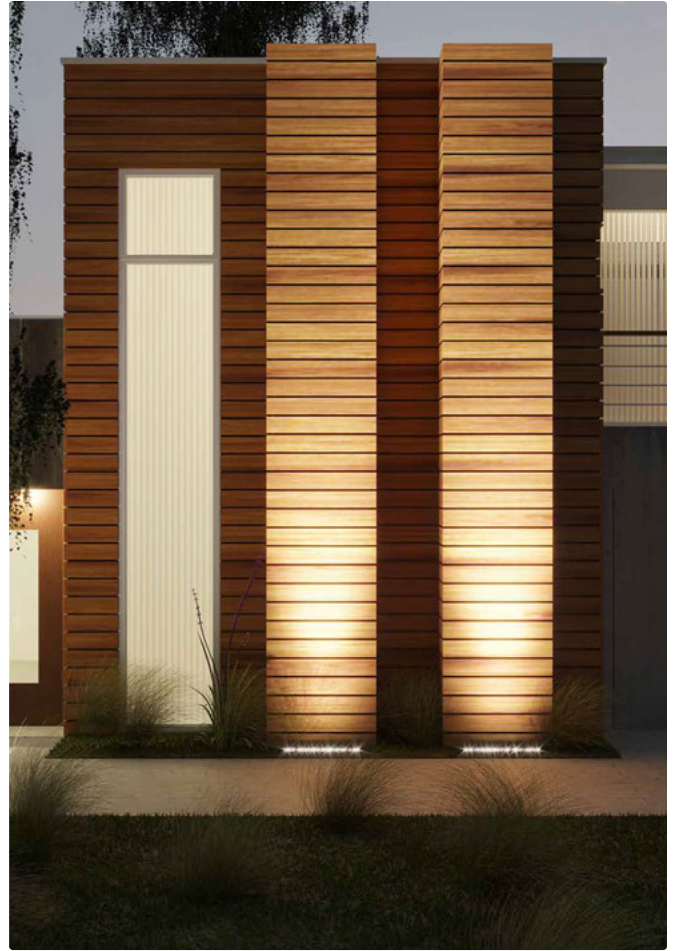
Wide adjustability

Thanks to the special fixing brackets available in two different sizes, it is possible to adjust Jedi Compact Outdoor from -90° to +90° and to block the aim with an Allen key for maximum reliability during installation.



Two bodies to choose from depending on installation characteristics: with a remote driver when you need a compact profile and with limited installation depth; with an integrated driver when the priority is connection ease.

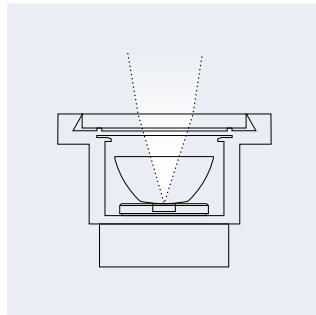




Optic with a lens

The Jedi range is equipped with an exclusive optical system with acrylic lenses positioned on each individual LED emitter for an extremely narrow and controlled beam. The optical system with lenses provides a clear and clean vertical emission limited laterally to the length of the fixture. The following beam openings are available for JEDI and JEDI Compact:

- **Spot**

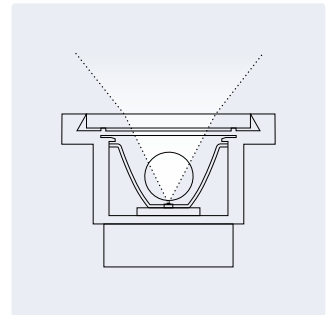


Spot – Accent light for precise and focused effects

Hybrid optic

The patented hybrid optical system is composed of a linear LED card with a cylindrical glass primary lens combined with a high reflectance anodized aluminium reflector with a holographic filter that softens its emission. With this optical system it is possible to obtain the following effects:

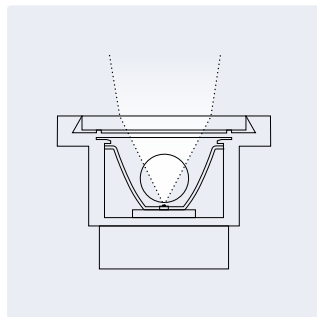
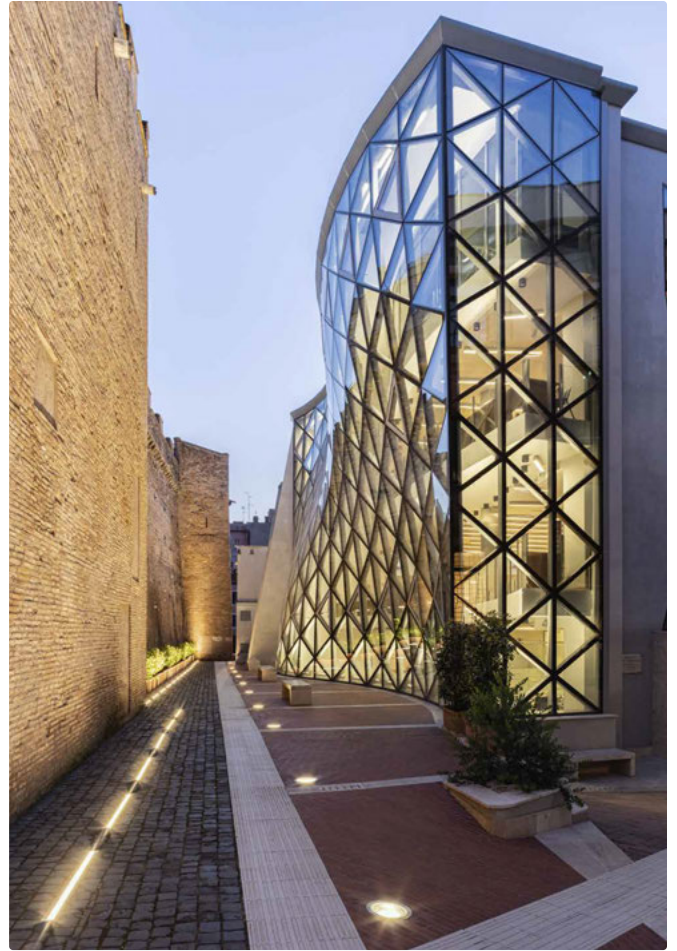
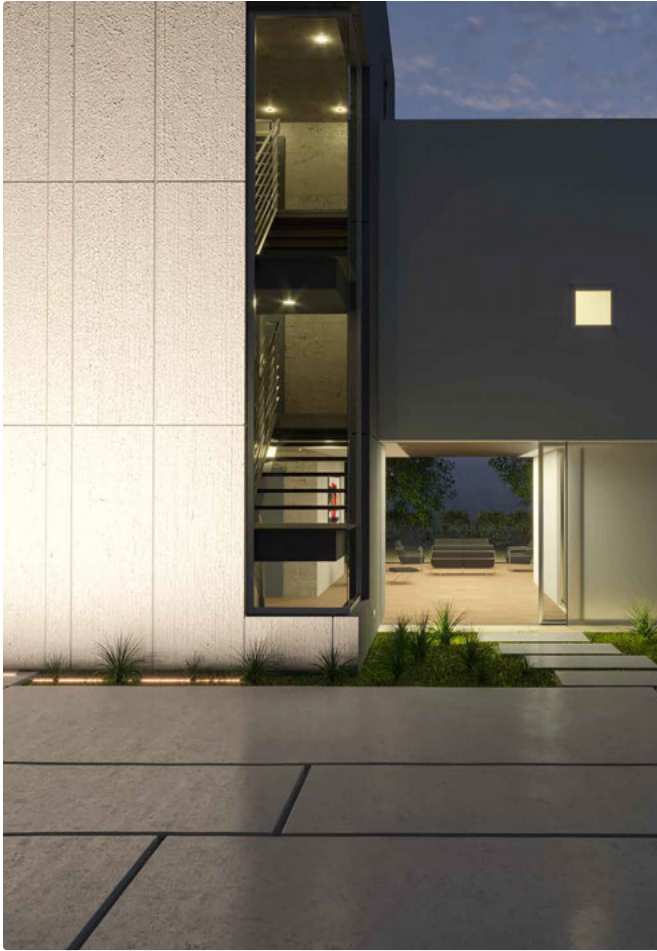
- **Flood**
- **Grazing**
- **Wall washer**



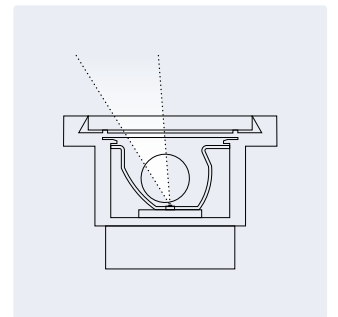
Flood – Soft controlled light for localised effects

Lighting effects

Jedi has two optical systems both designed by the Targetti Optic Division: hybrid and with lenses that provide different lighting effects.



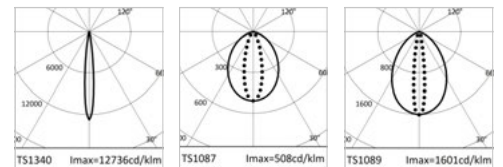
Grazing – Grazing light



Wall washer – Soft and uniform lighting of vertical or horizontal planes



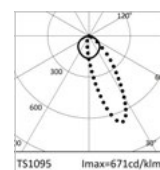
JEDI COMPACT PROJECTOR
 Up to 125lm/W
 From 752lm to 5717lm
 2700K - 3000K - 3500K - 4000K
 Ra80



SP 11°

FL 32° - 85°

GRZ 15° - 76°



WW

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Colour mixing of RGBW fixtures is managed by DMX RDM drivers.

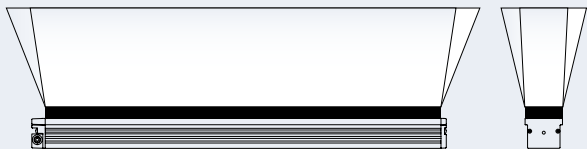
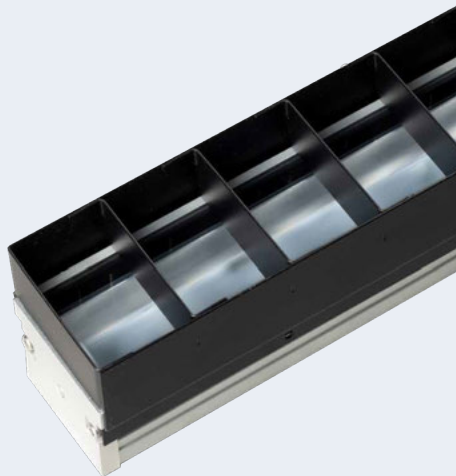


RGBW Technology

Quadri-chip LED RGBW technology the fixtures are equipped with allows for perfect colour mixing in each individual chip for a uniform and homogeneous result of the highest quality in which the perception of the primary colours that make up the light emitted is cancelled.

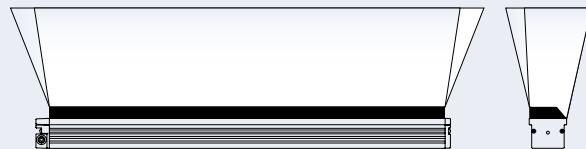
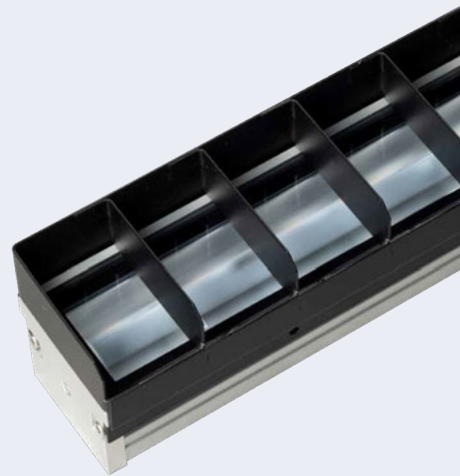
Symmetrical anti-glare grid

Available as an accessory for the Jedi Compact projector to limit longitudinal and transversal glare.



Asymmetrical anti-glare grid

Available as an accessory to limit transversal glare. Particularly suitable for Grazing and Wall Washer optical systems.

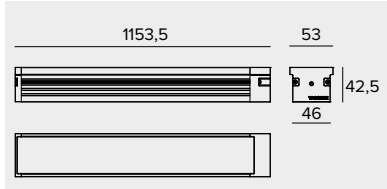


Integrated Louvre

Versions with Flood, Grazing and Wall Washer optics can be ordered already equipped with an integrated Louvre with longitudinal slats to limit transversal glare.



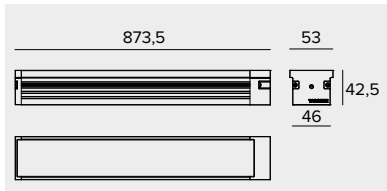
JEDI COMPACT Outdoor Projector | Remote driver | L. 1153,5mm
 500mA | Ra80 | Fixture flux 3000K from 5141lm to 5717lm



Optic	Colour	2700K	3000K	3500K	4000K
SP 46W	●	1E3819	1E3820	1E3821	1E3822
FL 48W	●	1E3256	1E3257	1E3258	1E3259
GRZ 48W	●	1E3260	1E3261	1E3262	1E3263
WW 48W	●	1E3264	1E3265	1E3266	1E3267

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

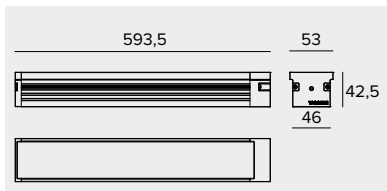
JEDI COMPACT Outdoor Projector | Remote driver | L. 873,5mm
 500mA | Ra80 | Fixture flux 3000K from 3856lm to 4288lm



Optic	Colour	2700K	3000K	3500K	4000K
SP 35W	●	1E3815	1E3816	1E3817	1E3818
FL 36W	●	1E3244	1E3245	1E3246	1E3247
GRZ 36W	●	1E3248	1E3249	1E3250	1E3251
WW 36W	●	1E3252	1E3253	1E3254	1E3255

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

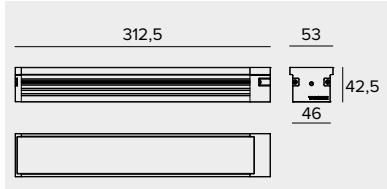
JEDI COMPACT Outdoor Projector | Remote driver | L. 593,5mm
 500mA | Ra80 | Fixture flux 3000K from 2501lm to 2858lm



Optic	Colour	2700K	3000K	3500K	4000K
SP 23W	●	1E3811	1E3812	1E3813	1E3814
FL 24W	●	1E3232	1E3233	1E3234	1E3235
GRZ 24W	●	1E3236	1E3237	1E3238	1E3239
WW 24W	●	1E3240	1E3241	1E3242	1E3243

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

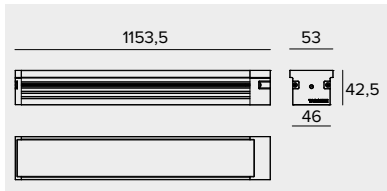
JEDI COMPACT Outdoor Projector | Remote driver | L. 312,5mm
 500mA | Ra80 | Fixture flux 3000K from 1285lm to 1429lm



Optic	Colour	2700K	3000K	3500K	4000K
SP 12W	●	1E3807	1E3808	1E3809	1E3810
FL 12W	●	1E3220	1E3221	1E3222	1E3223
GRZ 12W	●	1E3224	1E3225	1E3226	1E3227
WW 12W	●	1E3228	1E3229	1E3230	1E3231

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

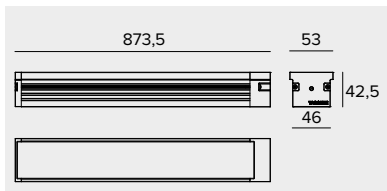
JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 1153,5mm
 500mA | Ra80 | Fixture flux 3000K from 3007lm to 3901lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 48W	●	1E3343	1E3344	1E3345	1E3346
GRZ 48W	●	1E3347	1E3348	1E3349	1E3350
WW 48W	●	1E3351	1E3352	1E3353	1E3354

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

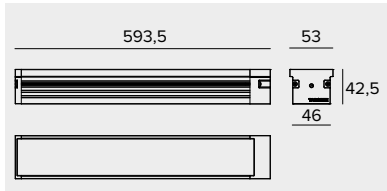
JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 873,5mm
 500mA | Ra80 | Fixture flux 3000K from 2255lm to 2926lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 36W	●	1E3331	1E3332	1E3333	1E3334
GRZ 36W	●	1E3335	1E3336	1E3337	1E3338
WW 36W	●	1E3339	1E3340	1E3341	1E3342

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

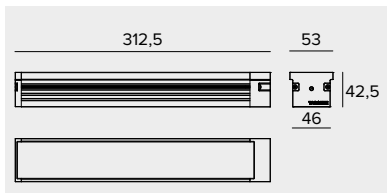
JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 593,5mm
500mA | Ra80 | Fixture flux 3000K from 1503lm to 1950lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 24W	●	1E3319	1E3320	1E3321	1E3322
GRZ 24W	●	1E3323	1E3324	1E3325	1E3326
WW 24W	●	1E3327	1E3328	1E3329	1E3330

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

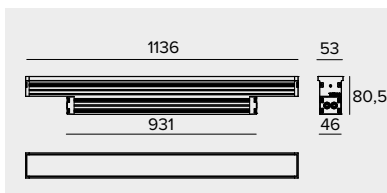
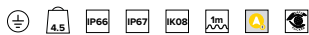
JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 312,5mm
500mA | Ra80 | Fixture flux 3000K from 752lm to 975lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 12W	●	1E3307	1E3308	1E3309	1E3310
GRZ 12W	●	1E3311	1E3312	1E3313	1E3314
WW 12W	●	1E3315	1E3316	1E3317	1E3318

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 523.

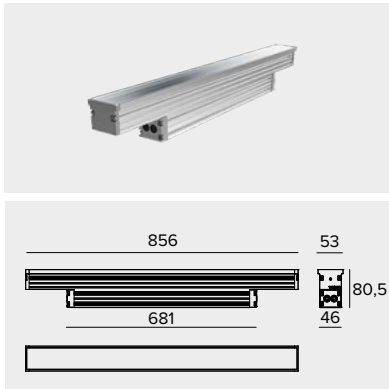
JEDI COMPACT Outdoor Projector | Integrated driver | L. 1136mm
220-240Vac | Ra80 | Fixture flux 3000K from 5141lm to 5717lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 51W	ON-OFF	●	1E3831EL	1E3832EL	1E3833EL	1E3834EL
	DALI	●	1E3831DA	1E3832DA	1E3833DA	1E3834DA
FL 53W	ON-OFF	●	1E3292EL	1E3293EL	1E3294EL	1E3295EL
	DALI	●	1E3292DA	1E3293DA	1E3294DA	1E3295DA
GRZ 53W	ON-OFF	●	1E3296EL	1E3297EL	1E3298EL	1E3299EL
	DALI	●	1E3296DA	1E3297DA	1E3298DA	1E3299DA
WW 53W	ON-OFF	●	1E3300EL	1E3301EL	1E3302EL	1E3303EL
	DALI	●	1E3300DA	1E3301DA	1E3302DA	1E3303DA

Note Related codes and accessory codes on page 523.

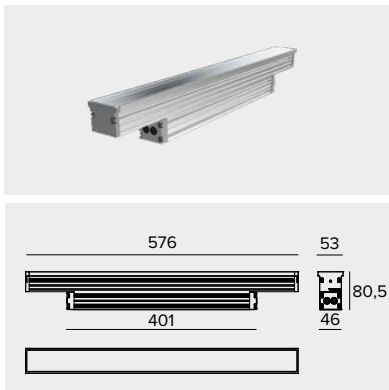
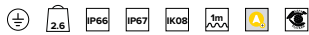
JEDI COMPACT Outdoor Projector | Integrated driver | L. 856mm
 220-240Vac | Ra80 | Fixture flux 3000K from 3856lm to 4288lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 38W	ON-OFF	●	1E3827EL	1E3828EL	1E3829EL	1E3830EL
	DALI	●	1E3827DA	1E3828DA	1E3829DA	1E3830DA
FL 40W	ON-OFF	●	1E3280EL	1E3281EL	1E3282EL	1E3283EL
	DALI	●	1E3280DA	1E3281DA	1E3282DA	1E3283DA
GRZ 40W	ON-OFF	●	1E3284EL	1E3285EL	1E3286EL	1E3287EL
	DALI	●	1E3284DA	1E3285DA	1E3286DA	1E3287DA
WW 40W	ON-OFF	●	1E3288EL	1E3289EL	1E3290EL	1E3291EL
	DALI	●	1E3288DA	1E3289DA	1E3290DA	1E3291DA

Note Related codes and accessory codes on page 523.

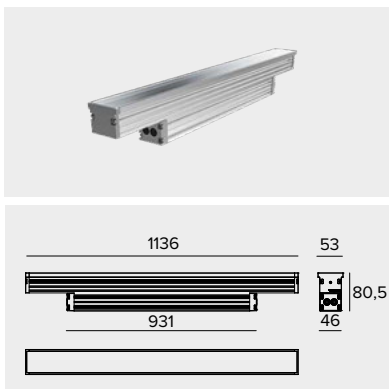
JEDI COMPACT Outdoor Projector | Integrated driver | L. 576mm
 220-240Vac | Ra80 | Fixture flux 3000K from 2570lm to 2858lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 26W	ON-OFF	●	1E3823EL	1E3824EL	1E3825EL	1E3826EL
	DALI	●	1E3823DA	1E3824DA	1E3825DA	1E3826DA
FL 28W	ON-OFF	●	1E3268EL	1E3269EL	1E3270EL	1E3271EL
	DALI	●	1E3268DA	1E3269DA	1E3270DA	1E3271DA
GRZ 28W	ON-OFF	●	1E3272EL	1E3273EL	1E3274EL	1E3275EL
	DALI	●	1E3272DA	1E3273DA	1E3274DA	1E3275DA
WW 28W	ON-OFF	●	1E3276EL	1E3277EL	1E3278EL	1E3279EL
	DALI	●	1E3276DA	1E3277DA	1E3278DA	1E3279DA

Note Related codes and accessory codes on page 523.

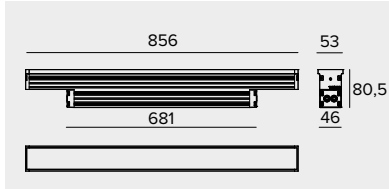
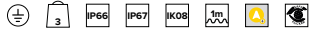
JEDI COMPACT Outdoor Projector Louvre | Integrated driver | L. 1136mm
 220-240Vac | Ra80 | Fixture flux 3000K from 3007lm to 3901lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 53W	ON-OFF	●	1E3379EL	1E3380EL	1E3381EL	1E3382EL
	DALI	●	1E3379DA	1E3380DA	1E3381DA	1E3382DA
GRZ 53W	ON-OFF	●	1E3383EL	1E3384EL	1E3385EL	1E3386EL
	DALI	●	1E3383DA	1E3384DA	1E3385DA	1E3386DA
WW 53W	ON-OFF	●	1E3387EL	1E3388EL	1E3389EL	1E3390EL
	DALI	●	1E3387DA	1E3388DA	1E3389DA	1E3390DA

Note Related codes and accessory codes on page 523.

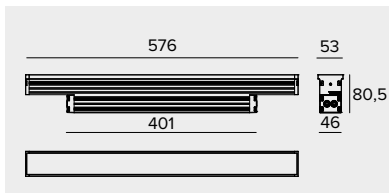
JEDI COMPACT Outdoor Projector Louvre | Integrated driver | L. 856mm
 220-240Vac | Ra80 | Fixture flux 3000K from 2255lm to 2926lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 40W	ON-OFF	●	1E3367EL	1E3368EL	1E3369EL	1E3370EL
	DALI	●	1E3367DA	1E3368DA	1E3369DA	1E3370DA
GRZ 40W	ON-OFF	●	1E3371EL	1E3372EL	1E3373EL	1E3374EL
	DALI	●	1E3371DA	1E3372DA	1E3373DA	1E3374DA
WW 40W	ON-OFF	●	1E3375EL	1E3376EL	1E3377EL	1E3378EL
	DALI	●	1E3375DA	1E3376DA	1E3377DA	1E3378DA

Note Related codes and accessory codes on page 523.

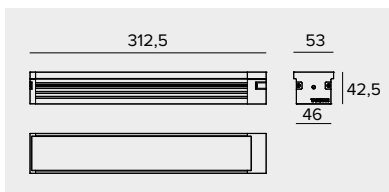
JEDI COMPACT Outdoor Projector Louvre | Integrated driver | L. 576mm
 220-240Vac | Ra80 | Fixture flux 3000K from 1503lm to 1950lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 28W	ON-OFF	●	1E3355EL	1E3356EL	1E3357EL	1E3358EL
	DALI	●	1E3355DA	1E3356DA	1E3357DA	1E3358DA
GRZ 28W	ON-OFF	●	1E3359EL	1E3360EL	1E3361EL	1E3362EL
	DALI	●	1E3359DA	1E3360DA	1E3361DA	1E3362DA
WW 28W	ON-OFF	●	1E3363EL	1E3364EL	1E3365EL	1E3366EL
	DALI	●	1E3363DA	1E3364DA	1E3365DA	1E3366DA

Note Related codes and accessory codes on page 523.

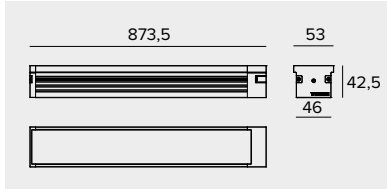
JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 1153,5mm
 500mA | Fixture flux up to 2616lm | RGBW W=3000K



Optic	Colour	RGBW
FL 48W	●	1E4306
GRZ 48W	●	1E4307
WW 48W	●	1E4308

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

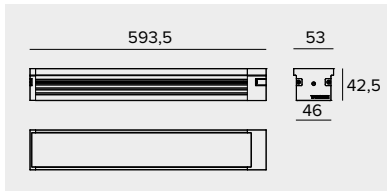
JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 873,5mm
 500mA | Fixture flux up to 1962lm | RGBW W=3000K



Optic	Colour	RGBW
FL 36W	●	1E4303
GRZ 36W	●	1E4304
WW 36W	●	1E4305

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

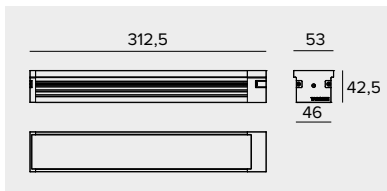
JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 593,5mm
 500mA | Fixture flux up to 1308lm | RGBW W=3000K



Optic	Colour	RGBW
FL 24W	●	1E4300
GRZ 24W	●	1E4301
WW 24W	●	1E4302

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

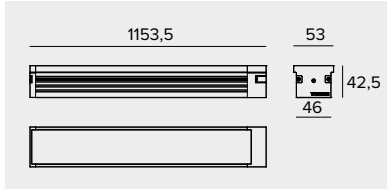
JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 312,5mm
 500mA | Fixture flux up to 654lm | RGBW W=3000K



Optic	Colour	RGBW
FL 12W	●	1E4297
GRZ 12W	●	1E4298
WW 12W	●	1E4299

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

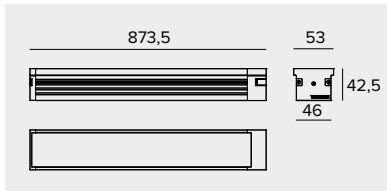
JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 1153,5mm
 500mA | Fixture flux up to 1825lm | RGBW W=3000K



Optic	Colour	RGBW
FL 48W	●	1E4318
GRZ 48W	●	1E4319
WW 48W	●	1E4320

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

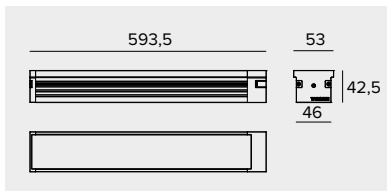
JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 873,5mm
 500mA | Fixture flux up to 1368lm | RGBW W=3000K



Optic	Colour	RGBW
FL 36W	●	1E4315
GRZ 36W	●	1E4316
WW 36W	●	1E4317

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

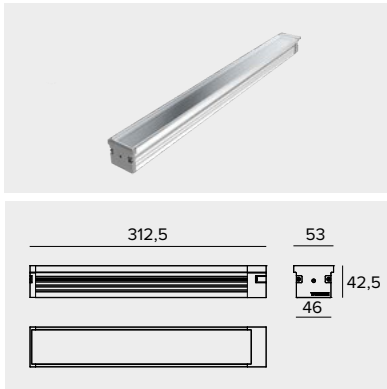
JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 593,5mm
 500mA | Fixture flux up to 912lm | RGBW W=3000K



Optic	Colour	RGBW
FL 24W	●	1E4312
GRZ 24W	●	1E4313
WW 24W	●	1E4314

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 312,5mm
 500mA | Fixture flux up to 456lm | RGBW W=3000K







Optic	Colour	RGBW
FL 12W	●	1E4309
GRZ 12W	●	1E4310
WW 12W	●	1E4311

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 524.

Related codes and accessories
 JEDI COMPACT Outdoor Projector




Related codes

Power Supply

	Code		Code
	1E3557 EL power supply version kit composed of an aluminium watertight box (LxHxP=270x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 312.5/344mm versions.		1E3558 EL power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 593.5/625/873.5/905/1153.5/1185mm versions.
	1E3559 DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 312.5/344/593.5/625mm versions.		1E3560 DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm ²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm ²). For the L 873.5/905/1153.5/1185mm versions.

Accessory codes

Connector

	Code		Code
	1E2769 Linear connection box IP66/IP68, 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		1E2494 Multiple connection box IP68, 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.
	1E3184 IP68 4-way cable connector (5 pole).		

Control systems

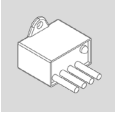
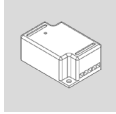
	Code		Code
	1E3048 IP67 wireless control unit with DALI interface. More details on page 672.		1E4369 IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.

Related codes and accessories

JEDI COMPACT Outdoor Projector

Accessory codes

Surge protector


	Code		Code
	A013A		A013C
	Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67		Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20

Related codes and accessories

JEDI COMPACT Outdoor RGBW Projector

Related codes

Power Supply



	Code
	1E4271
	DMX RDM 4 channel RGBW driver - 500mA. 50W, LxHxP=250x82x140mm, 120-277Vac. IP68 gray powder coated aluminum box.

Accessory codes

Connector

	Code
	1E4362
	Linear connection box IP66/IP68. 8 poles.

Control systems

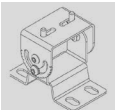
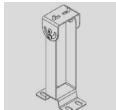
	Code		Code
	1E2767		1T1898
	USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.
	1T6499		
	myScenario Wall. More details on page 678.		

Related codes and accessories

JEDI COMPACT | Codes compatible with the whole range

Related codes

Bracket

	Code		Code
	1E3304		1E3306
	Stainless steel short bracket kit for surface installation (2 pieces). Rotation +/-90°.		Stainless steel long bracket kit for surface installation (2 pieces). Rotation +/-90°.

Related codes and accessories

JEDI COMPACT | Codes compatible with the whole range

Accessory codes

Grid



L mm	H mm	P mm	Colour	Code
280	48	57	●	1E3900
560	48	57	●	1E3901
840	48	57	●	1E3902
1120	48	57	●	1E3903

Symmetric grid in stainless steel, powder-painted.
External mounting respect to fixture.
To be used with SPOT, FLOOD and GRAZING optics.



L mm	H mm	P mm	Colour	Code
280	48	57	●	1E3904
560	48	57	●	1E3905
840	48	57	●	1E3906
1120	48	57	●	1E3907

Asymmetric grid in stainless steel, powder-painted.
External mounting respect to fixture.

Ray Shade



L mm	H mm	P mm	Colour	Code
290	48	59	●	1E3908
570	48	59	●	1E3909
850	48	59	●	1E3910
1130	48	59	●	1E3911

Hood in stainless steel, powder-painted.
External mounting respect to fixture.



L mm	H mm	Colour	Code
296	54	●	1E3912
576	54	●	1E3913
856	54	●	1E3914
1136	54	●	1E3915

Adjustable hood in stainless steel, powder-painted.
External mounting respect to fixture.

Tool



Code
1E3305

Tightening wrench for the connector kit.

LIGHTING SYSTEMS

Outdoor

Lighting Systems | 24/48V



CATIRPEL

528



Surface

IVY

550

























Recessed
Surface





Developed in collaboration with the lighting design firm L'Observatoire International, Catirpel is a 24V modular system with projectors ideal for lighting nature and architecture. It moves sinuously in space, orients itself, installs itself in any position, attaches to any surface and disappears into the environment at the same time thanks to its small size and the many finishes available.

CATIRPEL

									
Surface	Tree	Ground	Accent	Grazing	Soft controlled	2400K	2700K	3000K	4000K
INSTALLATION			LIGHT			COLOUR TEMPERATURE			
									
Flexible	On-Off	1-10V Dimming	DALI	24V	IP66 IP67				
CONFIGURATION		CONTROL		POWER SUPPLY		PROTECTION RATING			
									
IK06	Cataphoresis treatment	Black anodised	Dune grey	Burnished copper	Olive green				
RESISTANCE		FINISH							

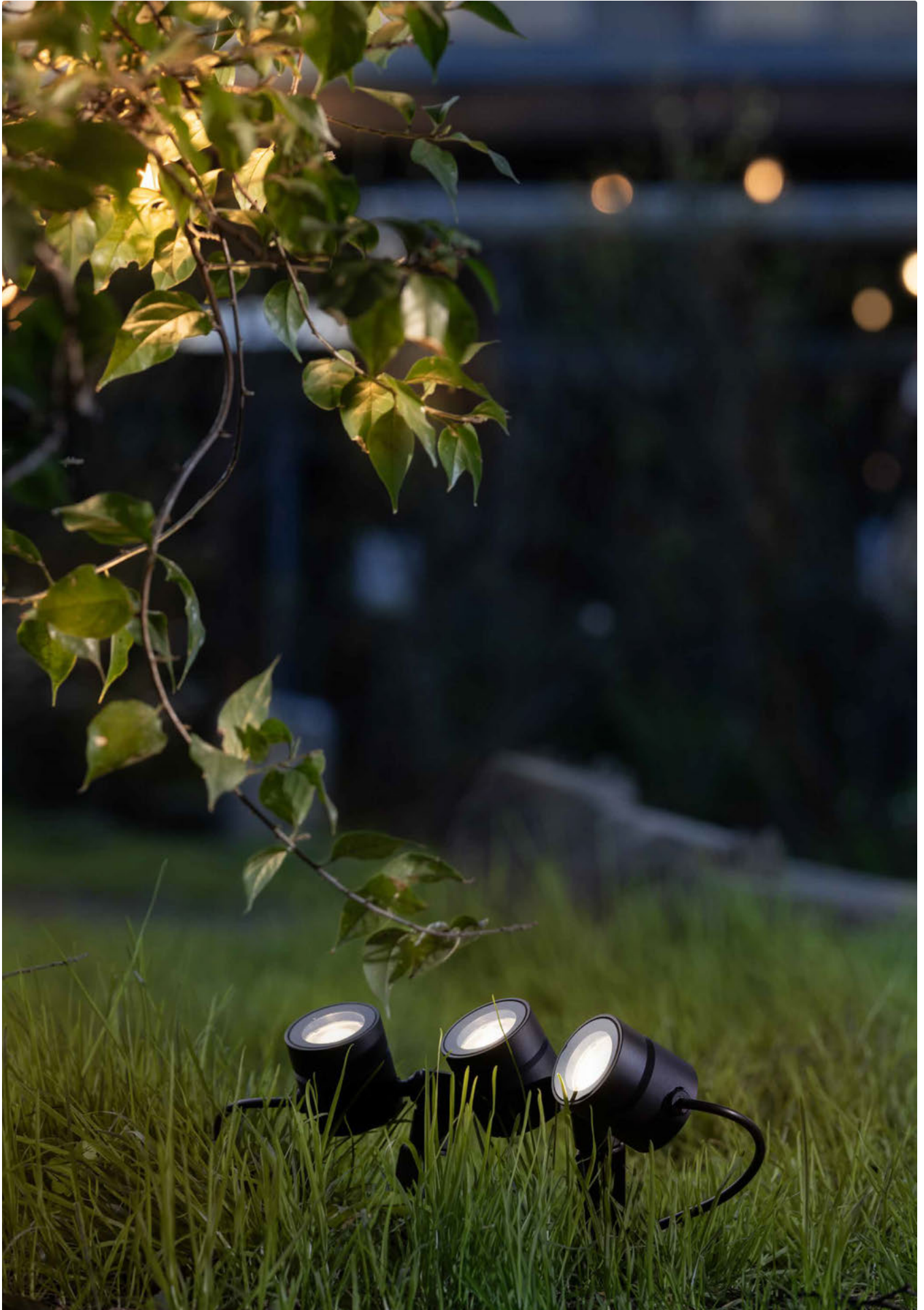


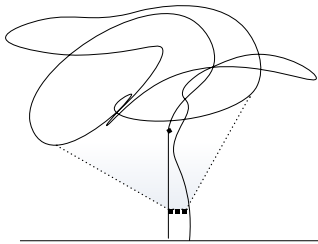






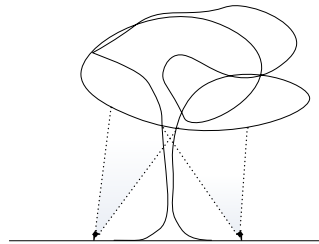
Every module in the system is composed of a projector and a spherical joint that allows for maximum freedom of movement. The system is available in single light modules with a single projector (1x) or multiple modules with three (3x) or five (5x) projectors.





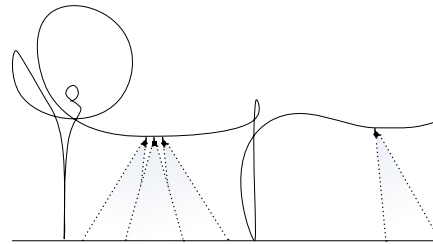
Scenic lighting of trees

The trunk or the branches of trees become mounting supports to anchor the Catirpel system to using special brackets and technical fabric belt straps specially made for outdoor installations. The various light units can be oriented individually upwards or downwards to create unprecedented scenographic effects on the trees or the area below.



Lighting green areas

The system can be installed on the ground using earth spikes to light hedges and trees.



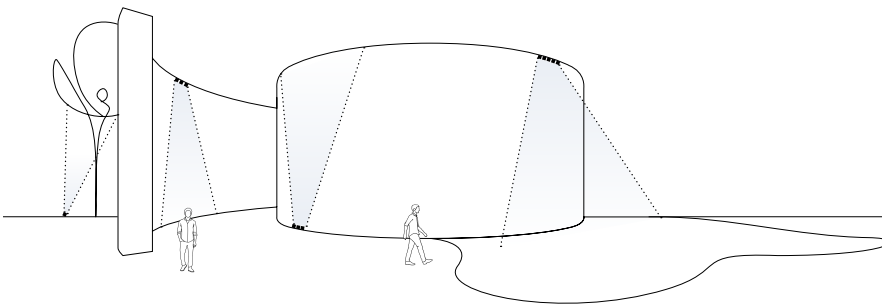
Social areas

Where controlled and flexible lighting from above is required, Catirpel can be equipped with a special accessory and attached to a metal cable (not supplied) to create real catenaries.

Landscape lighting

The system is particularly suitable for lighting landscape.

Its small size, innate capacity to move sinuously in space and many installation possibilities provides it with all the right characteristics to integrate easily into «green» environments without altering them.



With Catirpel it is possible to install projectors on all surfaces and to direct beams exactly where the project requires them for soft and diffused lighting, to highlight architectural details, indicate pedestrian paths or to create accents of light.

Lighting architecture

The system has a wide range of optics and finishes specifically designed to perfectly integrate into architectural contexts, furthermore, its sinuosity makes it remarkably versatile for lighting architecture in all its most complex forms: curved surfaces, vaulted ceilings, rib vault ceilings, columns.

IN/OUT MODULES

Equipped with connectors on both sides for maximum connection speed

END MODULES

Just one connector to close the system



..... 5x



..... 3x



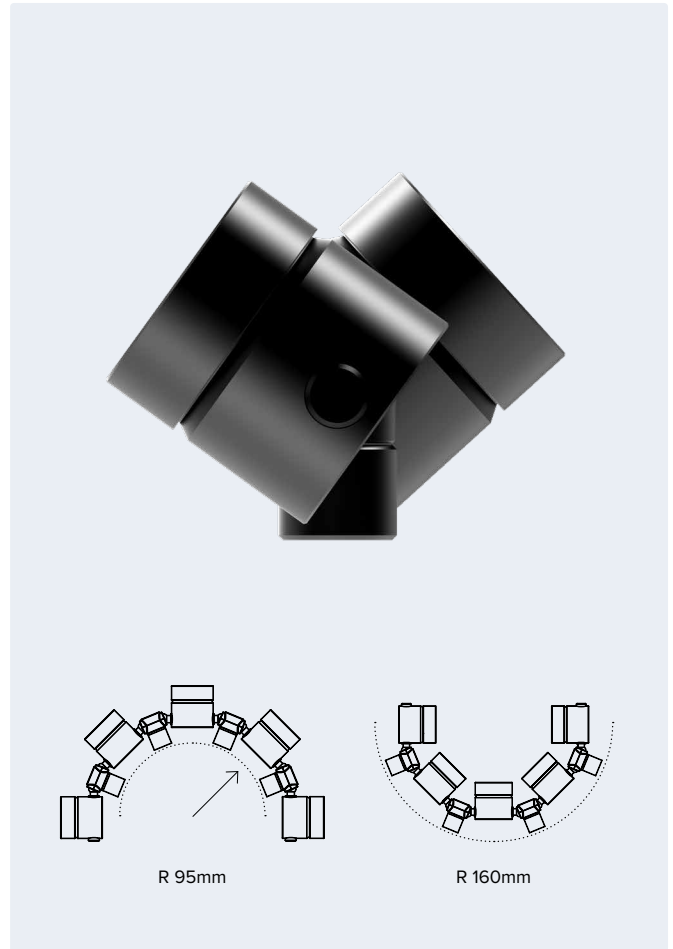
..... 1x



All light modules are equipped with IP67 Plug and Play connectors for a quick and effective connection.



All modules in the system are equipped with in-out connectors for a fast and secure connection. Every system is then closed with a terminal module that does not have output cables.



The addition of accessory spacers, placed under the spherical joints makes it possible to increase the flexibility of the system and the adjustability of individual light units.



The spherical joint that connects the light units together makes it possible to curve the modules to obtain curved lines and perfectly follow the features and peculiarities of the surfaces it is installed on such as trees, monuments, columns and architecture.

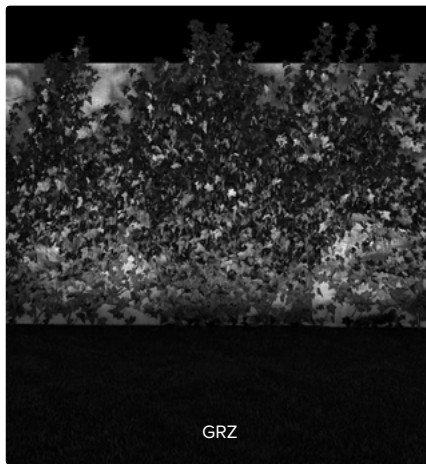
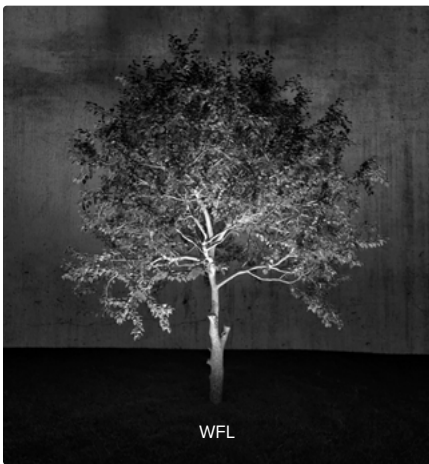
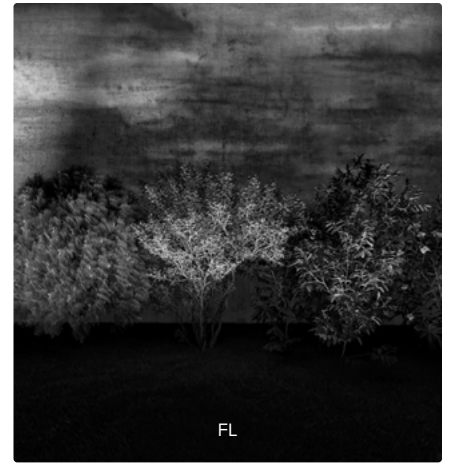
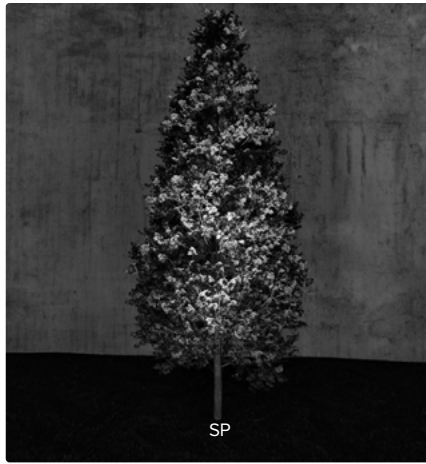
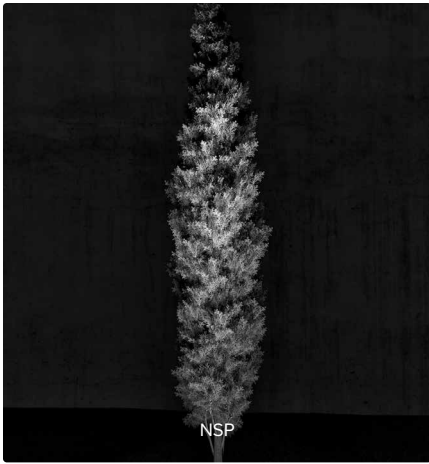


Versions without honeycomb grid are used where high-performance quality lighting is required. There are five types of emission from the extremely narrow NSP for extremely precise lighting even from great distances, to the Grazing optic capable of creating a blade of light to light hedges and surfaces.



Versions with integrated grids are the perfect compromise between performance and visual comfort. The grill reduces the risk of glare to a minimum.

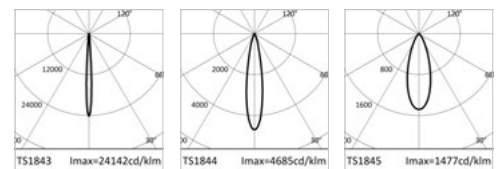
Light modules are available with or without integrated grids to produce 8 different beam openings.



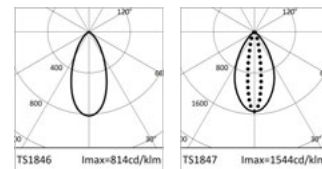
SINGLE MODULE

Up to 85lm/W
 From 173lm to 2175lm
 2400K - 2700K - 3000K - 4000K
 Ra90
 On/Off – 1-10V – DALI

For multiple modules the flux value must be multiplied by the number of light units.



NSP 7° SP 19° FL 34°



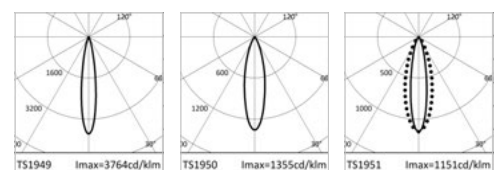
MWFL 48° GRZ 57°x19°



SINGLE MODULE WITH AN INTEGRATED HONEYCOMB GRID

Up to 54lm/W
 From 200lm to 1385lm
 2400K - 2700K - 3000K - 4000K
 Ra90
 On/Off – 1-10V – DALI

For multiple modules the flux value must be multiplied by the number of light units.



SP 17° FL 25° ELL 19°x33°

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Catirpel offers a wide variety of finishes, optical accessories, and installation components. This extensive selection adds significant value to the system, making it versatile for installation in various contexts and configurations.



Dune Grey

A matt finish particularly suitable for installation in architectural contexts; it integrates perfectly with outdoor rendering.

Olive Green

A matt finish ideal for lighting green areas. It camouflages perfectly in natural contexts such as trees, grassy areas and flowerbeds.

Burnished Copper

A brilliant finish that does not go unnoticed. Perfect to add character to the entire system by making it an active part of the design of an environment.

Black Anodised

Very elegant matt black anodised colour that integrates perfectly in urban areas.

Finishes



Optical accessories

Ⓐ

Asymmetrical snoot

An asymmetrical snoot that laterally removes the fall-off component of the beam, making the light emission slightly asymmetrical.

Ⓑ

Cross baffle

An anti-glare snoot that makes it possible to control the beam maximising visual comfort.

Ⓒ

Snoot

A snoot that removes the fall-off component of the 360° beam, focusing the effect only where it is needed.

Ⓓ

Blade of light

The blade of light filter makes it possible to ovalise the beam. For more pronounced effects the Spot and Narrow Spot optics are recommended.





Surface installation
Bracket for surface installation
suitable for installation in architectural
contexts.



Installation on tree branches
Shaped bracket and adjustable
strap in technical fabric to attach to
branches or around tree trunks.



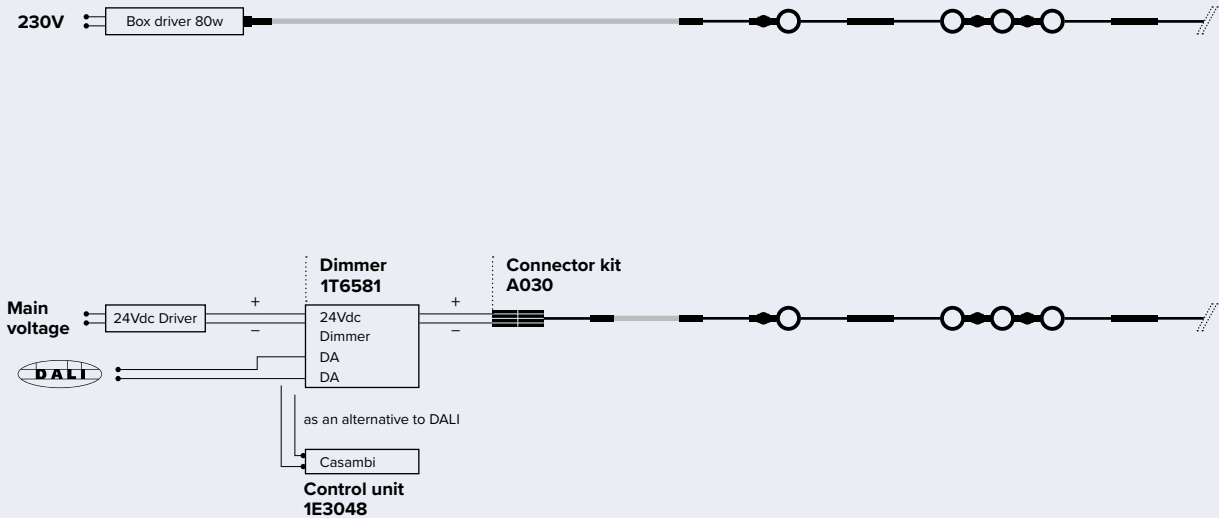
Installation on the ground
Spike



Installation on a catenary
Accessory for installation on a steel
cable (not supplied).

Installation accessories

POWER AND CONTROL DIAGRAMS



Power Supply

Catirpel must be powered by 24dc constant voltage remote driver.

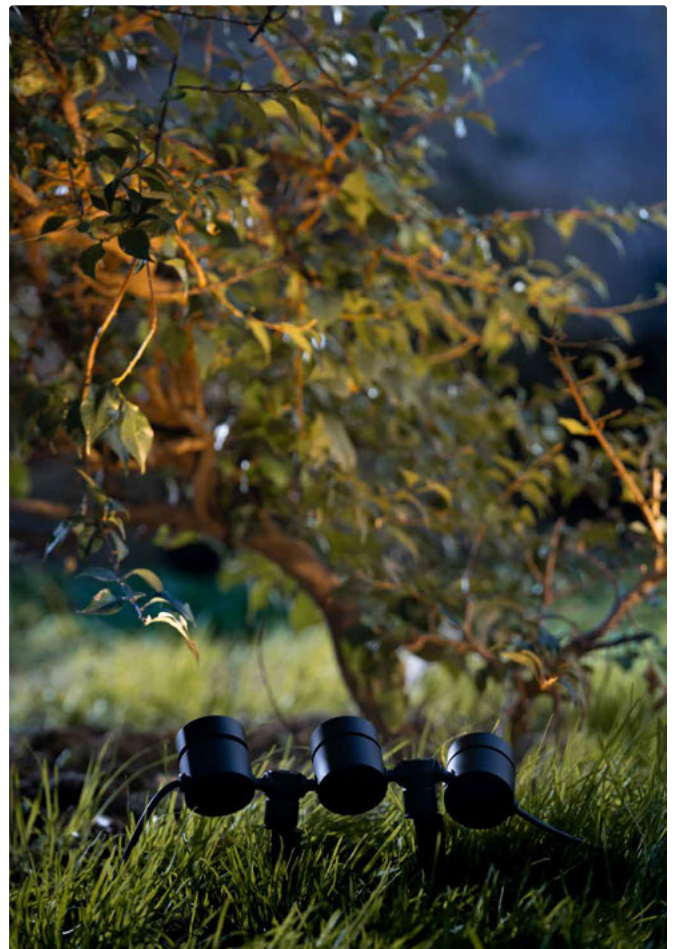
On-off control only

The 80W 24Vdc driver “box” power supply is available in all finishes, complete with an IP67 male/female connector for main voltage connection and a miniature IP67 Plug&Light female connector for 24V. The solution with the driver box is particularly suitable where it is necessary to simplify connections and install the driver close to the system.

On-off / dimming control

Main voltage 24dc constant voltage remote driver power supply available in different power supplies to which a connector kit must be added (code A030). ON-OFF control is possible with this configuration or the system can be dimmed by adding a Dimmer (code 1T6581) which allows for simultaneous DALI control of all the light units placed on the same line. It is not possible to control individual light units.

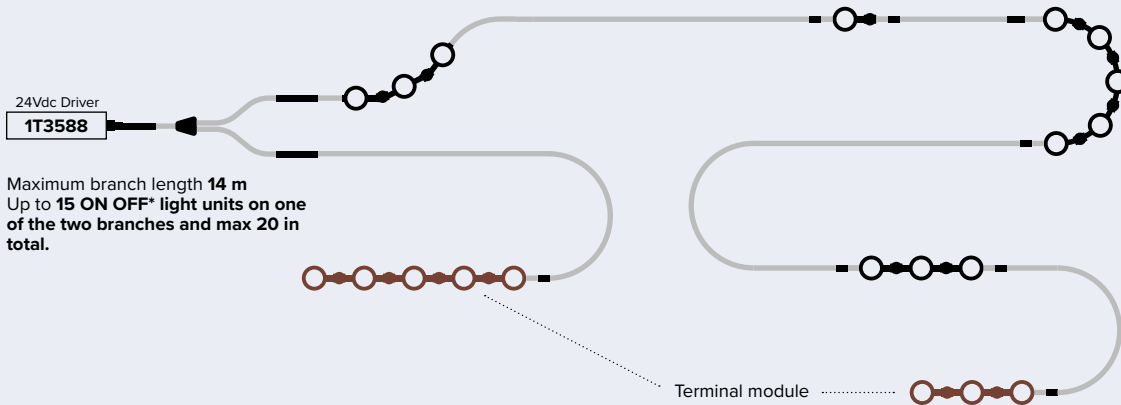
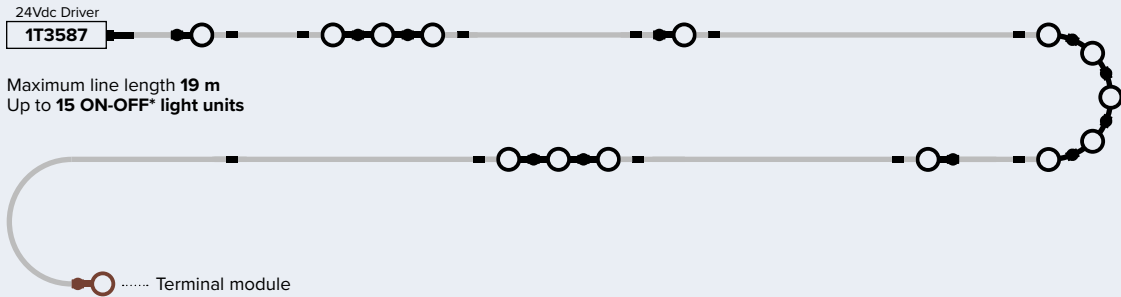
If the system is controlled using the Casambi App, in addition to the dimmer, a special accessory must be added; Control unit (code 1E3048) if the driver has only one line or an Extender (code 1E4369) if the driver powers several lines from the same driver.



Control and power supply

There are various power and control possibilities that allow for different system configurations.

SYSTEM CONSTRAINTS

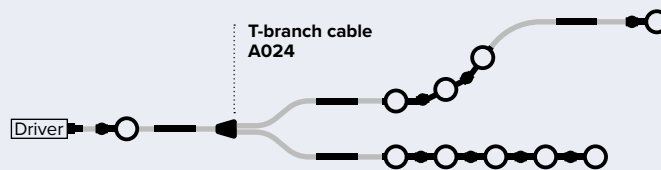


* For the exact quantity of **dimnable** light units please see the installation manual that can be downloaded from the website.

It is possible to increase the distance between the various modules of the system by using the accessory connection cables. All cables have IP67 plug&light connectors and are available in 3 different lengths.

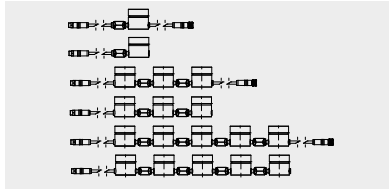


There is also a T-branch cable which makes it possible to separate the system into two lines. An ideal solution for installation on different branches of the same tree. For power purposes the length of the line is not given by the number of cables but reference is made to the longest cable and therefore to the most distant fixture.



CATIRPEL

24Vdc | Ra90 | Fixture flux 3000K from 173lm to 2175lm

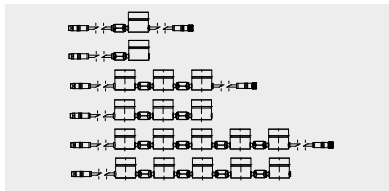


Product	Version	Optic	Ra+K	Colour	
E011	A	1X IN-OUT - 3W, 6W	NS NSP 7°	924 Ra90 2400K	BA ●
	B	1X END - 3W, 6W	SP SP 19°	927 Ra90 2700K	OG ●
	C	3X IN-OUT - 9W, 17W	FL FL 34°	930 Ra90 3000K	DG ●
	D	3X END - 9W, 17W	MF MWFL 48°	940 Ra90 4000K	BC ●
	E	5X IN-OUT - 15W, 28W	GR GRZ		
	F	5X END - 15W, 28W			

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 546.

CATIRPEL | LOUVRE

24Vdc | Ra90 | Fixture flux 3000K from 200lm to 1385lm



Product	Version	Optic	Ra+K	Colour	
E024	A	1X IN-OUT - LOUVRE - 6W	SP SP 17°	924 Ra90 2400K	BA ●
	B	1X END - LOUVRE - 6W	FL FL 25°	927 Ra90 2700K	OG ●
	C	3X IN-OUT - LOUVRE - 17W	LL ELL	930 Ra90 3000K	DG ●
	D	3X END - LOUVRE - 17W		940 Ra90 4000K	BC ●
	E	5X IN-OUT - LOUVRE - 28W			
	F	5X END - LOUVRE - 28W			

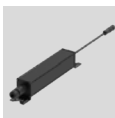
Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 546.

Related codes and accessories

CATIRPEL

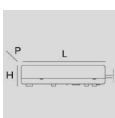
Related codes

Power Supply



Colour	Code
●	A015BT
●	A015OG
●	A015DG
●	A015BC

24Vdc driver box (IP65).
L=250mm 80W.
Provided with IP65 male/female connectors for 220-240V and IP65 miniaturized female connector for 24V.



Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

Electronic power supply.

Related codes and accessories






CATIRPEL

Accessory codes






Screen

	Colour	Code		Colour	Code
		A031BA			A017BA
		A031OG			A017OG
		A031DG			A017DG
		A031BC			A017BC
<p>Cylindrical screen. Aluminium with black anodizing treatment. A031OG - Powder coated in an olive green colour. A031DG - Powder coated in a grey dune colour. A031BC - Powder coated in a burnished copper colour.</p>			<p>Asymmetric screen. Aluminium with black anodizing treatment. A017OG - Powder coated in an olive green colour. A017DG - Powder coated in a grey dune colour. A017BC - Powder coated in a burnished copper colour.</p>		


Grid

	Colour	Code
		A032BA
		A032OG
		A032DG
		A032BC
<p>Anti-glare louver. The central elements can be adjusted +/- 360° for a perfect glare control. Aluminium with black anodizing treatment. A032OG - Powder coated in an olive green colour. A032DG - Powder coated in a grey dune colour. A032BC - Powder coated in a burnished copper colour.</p>		











Holder Ring

	Colour	Code
		A033BA
		A033OG
		A033DG
		A033BC
<p>Holder ring. Aluminium with black anodizing treatment. A033OG - Powder coated in an olive green colour. A033DG - Powder coated in a grey dune colour. A033BC - Powder coated in a burnished copper colour.</p>		


Filter






	Code
	A034
<p>Blade of light filter. To be used with holder ring A033.</p>	

Bracket

	Colour	Code		Colour	Code
		A019BT			A020BT
		A019OG			A020OG
		A019DG			A020DG
		A019BC			A020BC
<p>Bracket for installation on surfaces. Powder coated stainless steel.</p>			<p>Bracket for installation on trees. To be completed with accessory strap A023. Powder coated stainless steel.</p>		

Mounting System

	L mm	Code
	2000	A023
<p>Strap for tree bracket (tree installation).</p>		





	L mm	H mm	P mm	Colour	Code
	25	162	25		A021BT
	25	162	25		A021OG
	25	162	25		A021DG
	25	162	25		A021BC
<p>Earthspike. Powder coated stainless steel.</p>					


Related codes and accessories





CATIRPEL


Accessory codes

Mounting System

H mm	Colour	Code
20		A022BA
20		A022OG
20		A022DG
20		A022BC



 Cylindrical spacer.
 Aluminium with black anodizing treatment.
A022OG - Powder coated in an olive green colour.
A022DG - Powder coated in a grey dune colour.
A022BC - Powder coated in a burnished copper colour.

H mm	Colour	Code
20		A055BA
20		A055OG
20		A055DG
20		A055BC


 Cylindrical spacer for cable installation (not supplied).
 Aluminium with black anodizing treatment.
A055OG - Powder coated in an olive green colour.
A055DG - Powder coated in a grey dune colour.
A055BC - Powder coated in a burnished copper colour.


Cable

L mm	Code
1000	A026
2000	A027
3000	A028


 Connection cable.


End Caps

Code
A029


 End cap for miniaturized female connector.


Cable

Code
A030


 Connection kit for remote driver.


Connector

Code
A024



 3 ways connector (1IN-2OUT).

Control systems

Code
1T6581


 Dimmer for 12-24Vdc constant voltage LED driver.
 1-10V/DALI control input.
 IP20

Code
1E3048


 IP67 wireless control unit with DALI interface.
 More details on page 672.

























Code
1E4369


 IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
 More details on page 672.





Designed by Stefano Boeri Interiors, IVY is the first 48V IP65 smart system for outdoor spaces that integrates into the architecture with extreme naturalness and flexibility. It is the ideal solution for lighting terraces, pergolas, commercial outdoor areas and historical porticos. IVY is also perfect for use in humid areas such as Spas and cellars which require high protection against humidity and water.

									
Ceiling-mounted	Wall-mounted	recessed ceiling-mounted	Recessed wall-mounted	accent	Soft controlled	Wall Washer	Grazing		
INSTALLATION				LIGHT					
									
2700K	3000K	3500K	4000K	Linear	Corner	Closed	On-Off	Casambi	Dali
COLOUR TEMPERATURE				CONFIGURATION			CONTROL		
									
48V	IP65	White	Black Anodised	Ferrite	Easy Custom Colours				
POWER SUPPLY	PROTECTION RATING	FINISH							

IVY

Outdoor

550





Audio

IVY can be equipped with new generation speakers for an immersive audio experience.

Profile

The 7cm wide profile makes it possible to insert different lighting modules at any point extremely easily. The recessed or surface versions ensure maximum flexibility and adaptability.

IVY is a multifunctional system that combines light fixtures, audio speakers and sensors. The system is composed of an extruded aluminium profile that adapts to the wall and ceiling. Projectors, speakers and wireless sensors can be attached at any point on the profile.



Joints

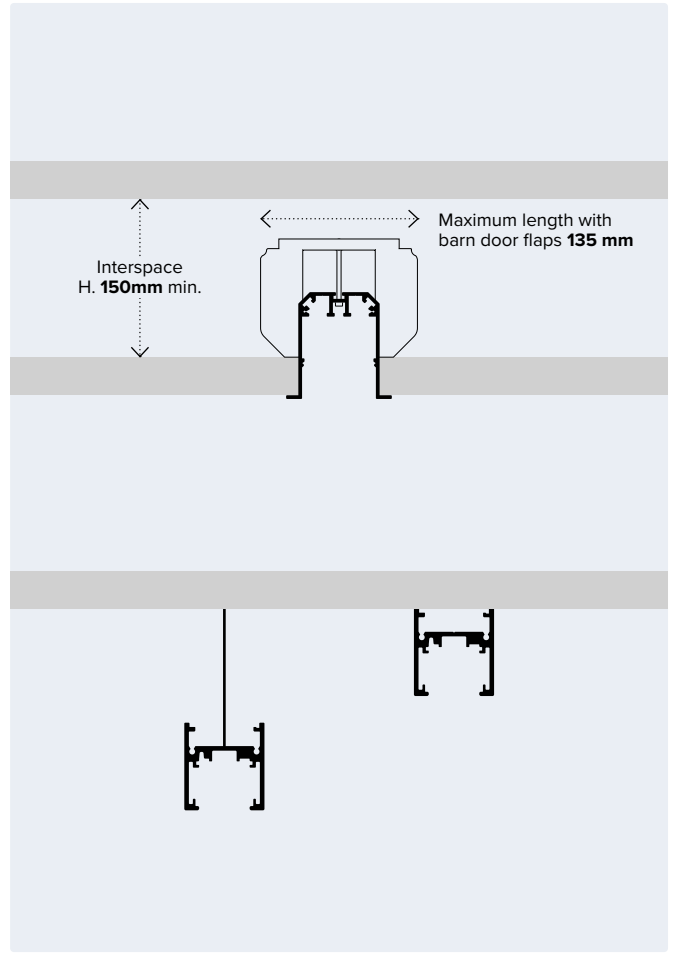
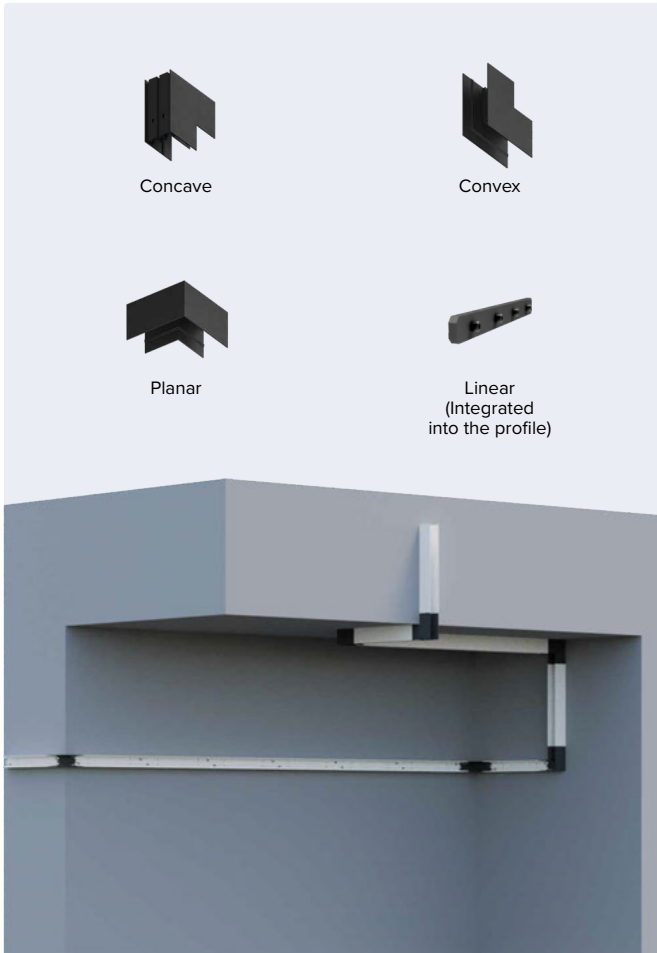
The accessory L shaped planar, concave and convex joints allow creating different geometries on the same plane or on different planes.

Light modules

The system is equipped with different light units: single and multi-optic projectors or linear elements for accent, soft or diffused lighting of vertical or horizontal planes.

Sensors

The system can be equipped with light or motion sensors, both housed in a module with the same design as the module with a single projector.

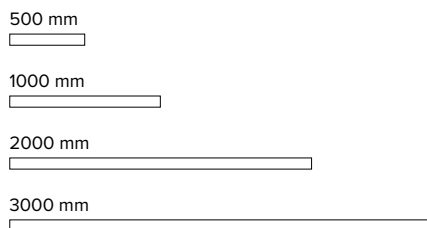


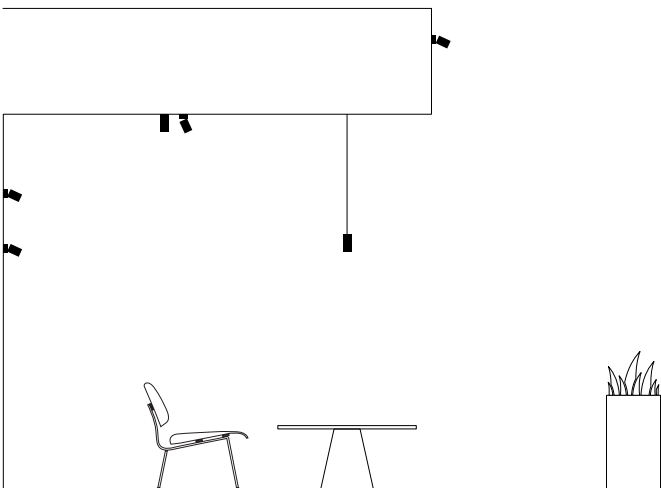
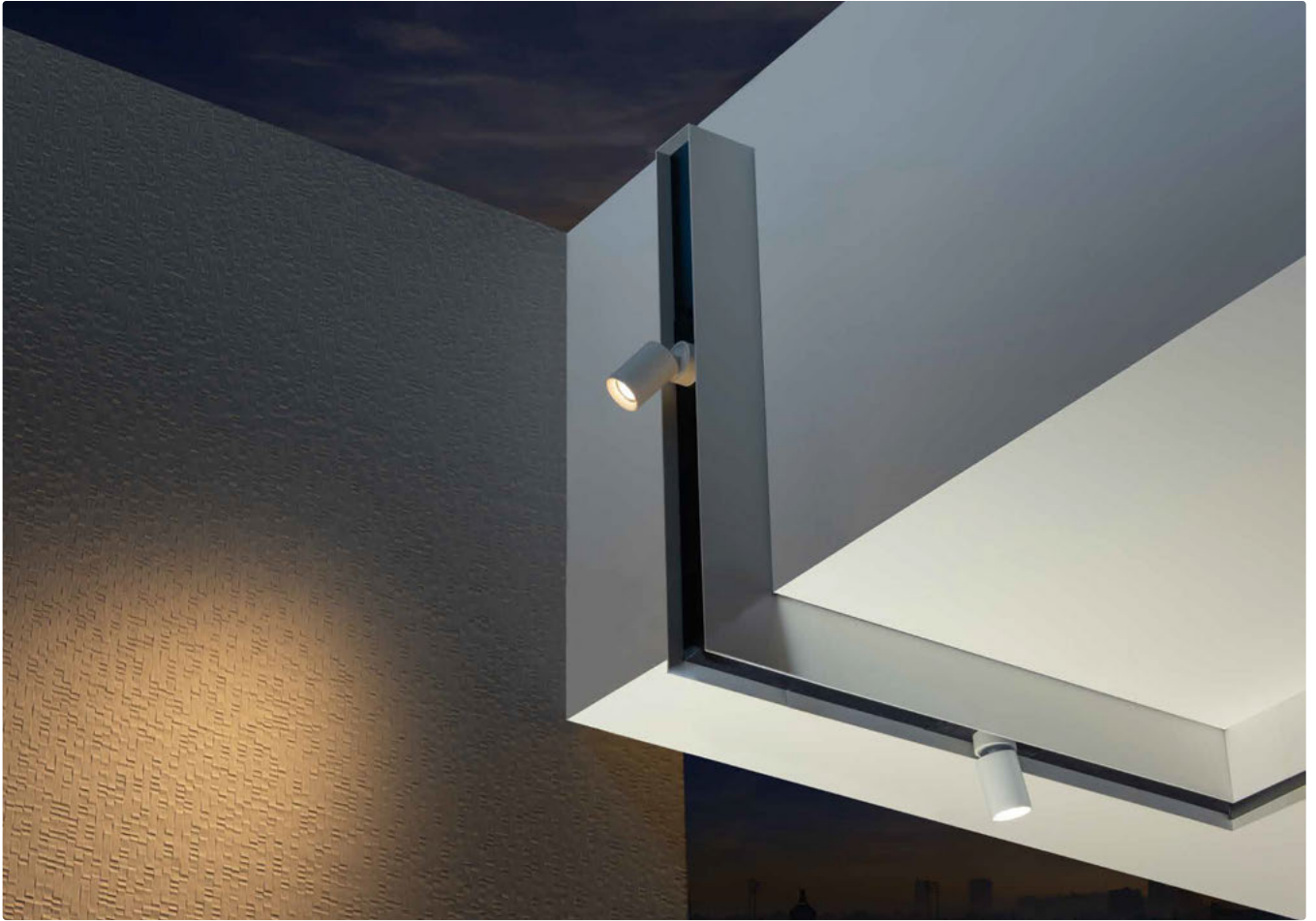
Joints

The linear connection joints supplied with every profile allow creating systems of various lengths both on the wall and ceiling. The L planar, concave and convex accessory joints make it possible to create continuous installation between the wall and ceiling both for the recessed and surface-mounted versions.

The system

The profile is made of extruded aluminium. Just 7cm wide, it is available in four different lengths for surface-mounted or recessed installations. In indoor environments, it is possible to install IVY in a suspension version using special accessories.





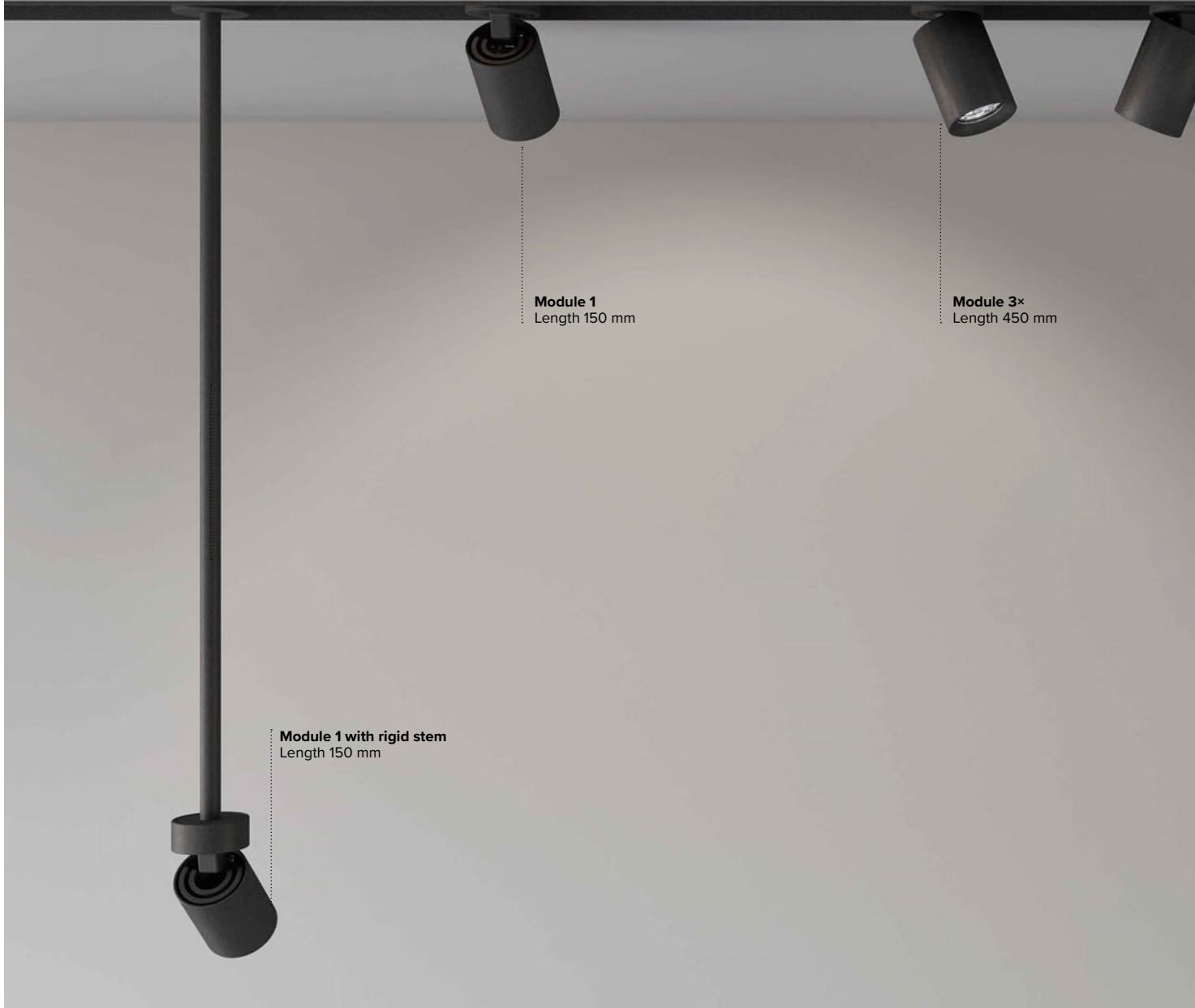
IVY can be installed surface-mounted and recessed both on the ceiling and the wall.

STEM MOUNTED ADJUSTABLE PROJECTOR

Available only for the projector version 1x, the rigid stem makes it possible to lower the projector by approx 50cm to focus the light and bring it closer to the surface to be lit.

ADJUSTABLE PROJECTOR

Adjustable modules available in 1x and 3x versions are the ideal solution to create scenographic effects by placing emphasis on environmental elements such as vegetation, tables, sculptures and objects.



Module 1
Length 150 mm

Module 3x
Length 450 mm

Module 1 with rigid stem
Length 150 mm

IVY light units are powered at very low voltage connected in series. Every module is equipped with male/female plug&light connectors for rapid connection.

LINEAR ELEMENTS

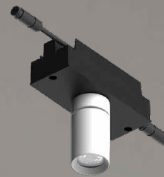
Equipped with four different optical systems, the linear modules provide different lighting effects suitable for softly lighting the environment to create focus on vegetation or enhance a wall.

Linear module
Length 900 mm

The profile and modules are available in three different finishes



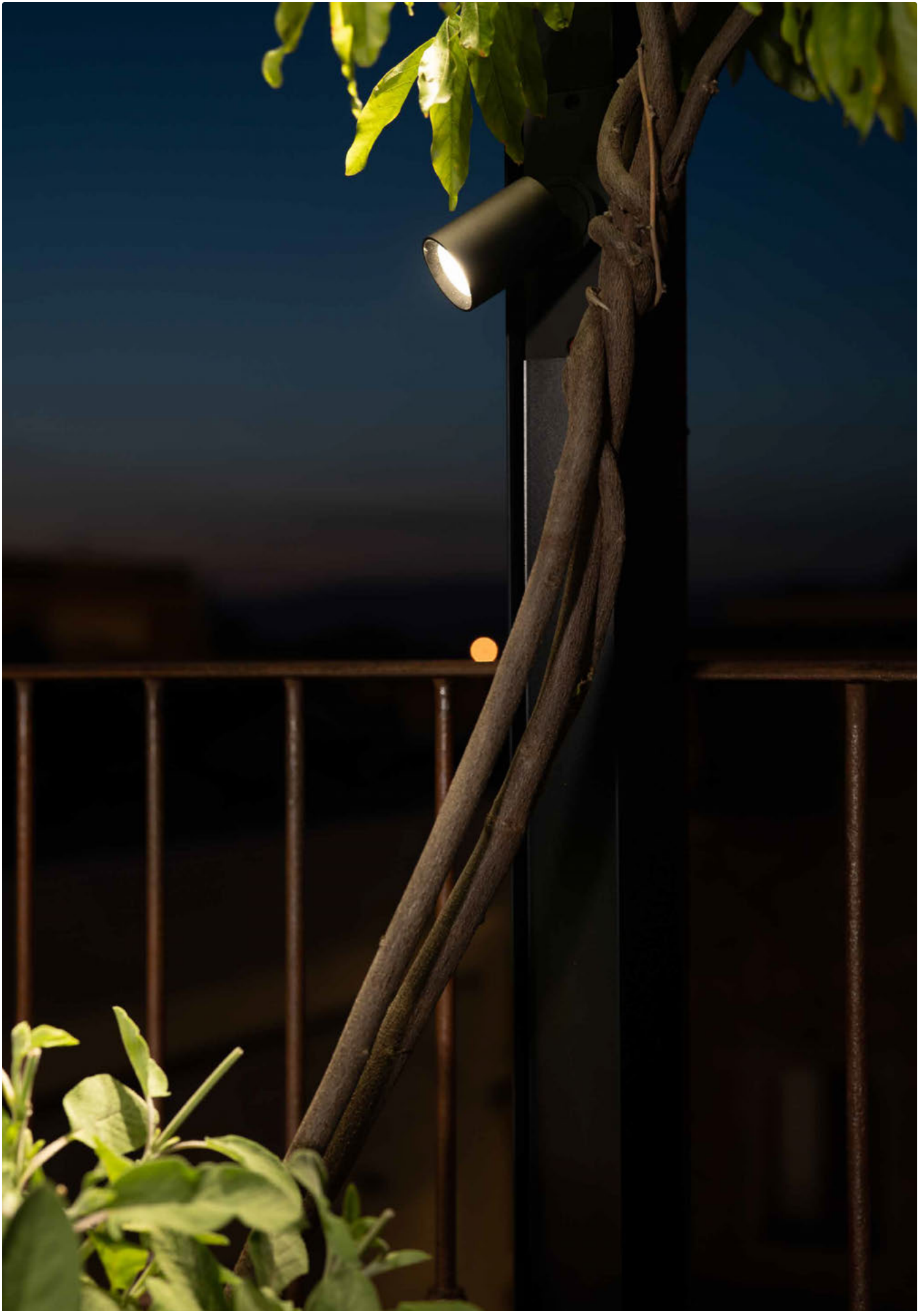
Ferrite



White



Black anodised

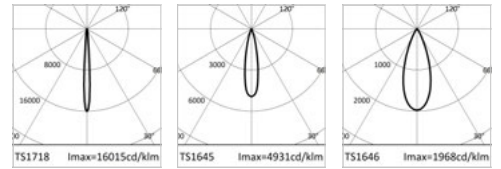




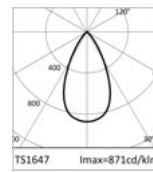
PROJECTOR MODULE

Up to 106lm/W
 From 220lm to 1965lm
 2700K - 3000K - 3500K - 4000K
 Ra90

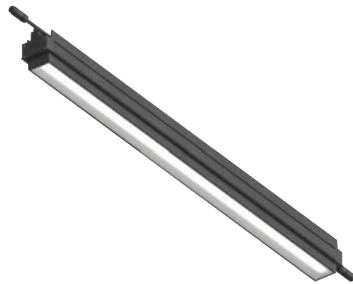
* The modules with adjustable projectors are equipped with optical systems with lenses in the following beam openings: Narrow Spot (only 1x), Spot, Flood and Wide Flood.



NSP 8° SP 21° FL 37°



WFL 53°

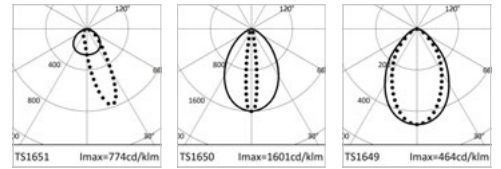


LINEAR MODULE

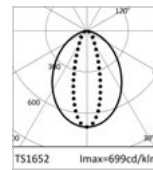
Up to 114lm/W
 From 1935lm to 2441lm
 2700K - 3000K - 3500K - 4000K
 Ra90

* The linear modules have Wall Washer, Grazing, Opal and Flood optics.

The **Wall washer** optic allows for uniform lighting of walls.
 The **Grazing** optic allows for grazing lighting that enhances the textures of vertical planes.
 The **Opal** optic allows for diffused lighting.
 The **Flood** optic allows for soft yet controlled lighting.



WW GRZ 76° - 15° Opal 77° - 61°

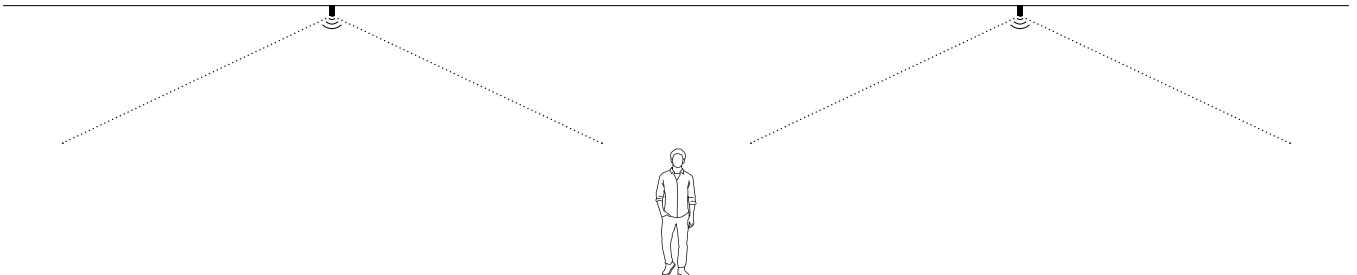


FL 85° - 32°

LIGHTING EFFECTS

Optics	NSP	SP	FL	WFL	Grazing	Wall Washer	Opal
Stem mounted projector 1x	●	●	●	●			
Projector 1x	●	●	●	●			
Projector 3x		●	●	●			
Linear			●		●	●	●

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



The best performance of an IVY audio module is detected in an area of 4 metres radius away from the speaker. For optimal sound uniformity between multiple modules the ideal installation pitch is 8m.

Audio

The available on request IVY speakers, are equipped with very high quality technology that makes it possible to exploit the natural ability of any material to emit sounds by behaving like the sounding board of a musical instrument.

Sound transmission is omnidirectional to provide a unique listening experience: the entire environment is pervaded by sound and perfect acoustics typical of theatres are recreated. Like other elements in the system even the speaker modules are housed directly inside the profile, hiding the music source from view.



AUDIO PERFORMANCE
Frequency Range
Audio: 100-180Hz



POWER SUPPLY
48V

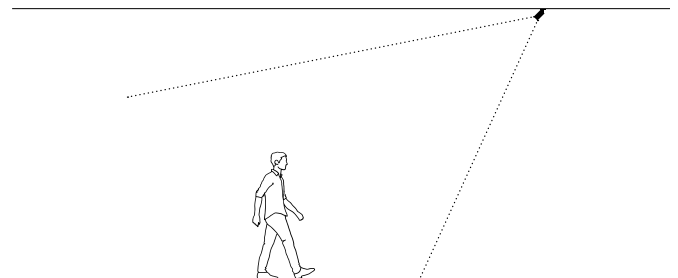
POWER
50W



PLAYBACK
Playback and Switch Control via
Bluetooth and Wi-Fi



AUDIO PLAYBACK
Audio playback compatible with
standard audio file formats, music
services (Spotify, Amazon Music) and
the radio

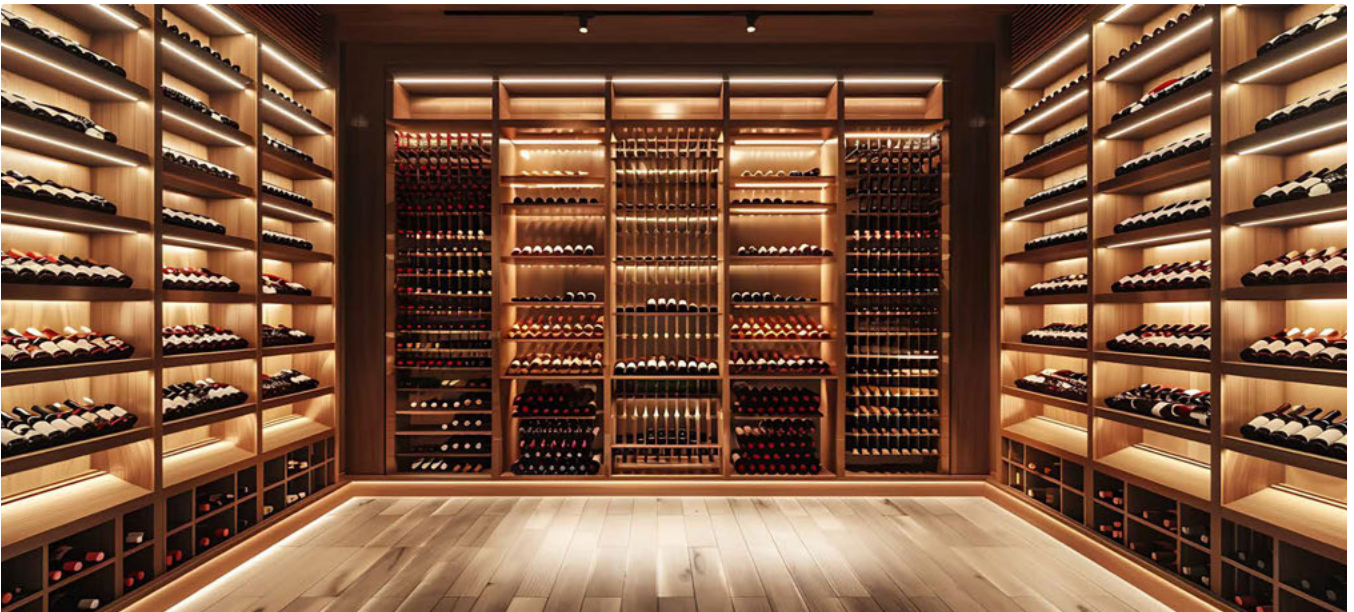


The sensor module is equipped with in-out connectors that allow for rapid connection and a power supply to the same 48V line as the light modules.

The sensor can be adjusted from 0° to 90° on the vertical plane and by 355° on the horizontal plane to direct it where it is needed.

Sensors

The IVY system can be equipped with a light and motion sensor, both housed inside a module that has the same aesthetic appearance as the single projector module.



ON — OFF

- Standard light units
- On board or remote driver power supply



CASAMBI

- Casambi (CA) light units
- On board or remote driver power supply



DALI

- Casambi (CA) light units
- On board or remote driver power supply
- DALI-Casambi Bridge

Control

IVY components must be chosen on the basis of how the beam will be controlled

Examples of feasibility on a circuit with 7 projectors 1x SP (7X7W) plus 3 linear (3x22W) Total 115W<150W

10 elements connected in sequence, with the driver positioned 13 meters from the first unit.



10 interspersed elements connected by 9 one-meter cables, with the driver positioned 4 meters from the first unit.



9 interspersed elements connected by 8 one-meter cables, along with one element connected by a three-meter cable. The driver is positioned 2 meters from the first unit.



150W is the maximum power supply of every circuit connected to the driver.

The maximum number of elements connected to the same circuit is dictated by the power of the driver. If necessary the system can be powered with more than one driver.

These are the drivers available as accessories:

- 150W and 90W IP65 Integrated drivers
- 130W and 60W IP20 Remote drivers
- 120W and 56W IP67 Remote drivers

13 m is the maximum length of connections with 150W integrated drivers and 120W and 130W remote drivers.

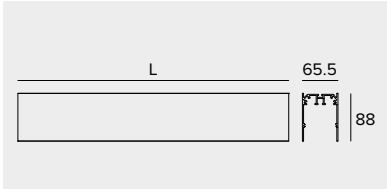
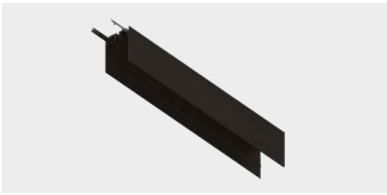
The 30 cm in-out connection is not included in the calculation (15cm + 15cm) supplied with each product.

20 m is the maximum length of connections with 90W integrated drivers and 56W and 60W remote drivers. The 30 cm in-out connection is not included in the calculation (15cm + 15cm) supplied with each product.

System configuration

Constraints on the number of lighting points and sensors to be provided for each circuit is dictated by the driver chosen and the maximum length of the connection cables of the system.

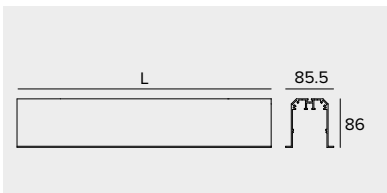
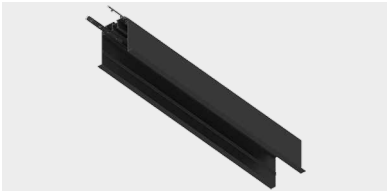
IVY Profile | Surface



L mm	Kg	Colour	Code
500	1	○	1E4228
		●	1E4151
		●	1E4155
1000	2	○	1E4229
		●	1E4152
		●	1E4156
2000	4	○	1E4230
		●	1E4153
		●	1E4157
3000	6	○	1E4231
		●	1E4154
		●	1E4158

Note Related codes and accessory codes on page 565.

IVY Profile | Recessed



L mm	Kg	Colour	Code
500	1.2	●	1E4159
1000	2.15	●	1E4160
2000	4.15	●	1E4161
3000	6.15	●	1E4162

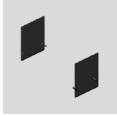



Note Related codes and accessory codes on page 565.

Related codes and accessories

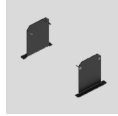

IVY Profile

Related codes

End Caps

	Colour	Code
		1E4234
		1E4167
		1E4168





End caps made of 2 pieces.
For surface mounted installation profile.

	Colour	Code
		1E4258

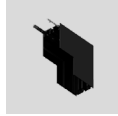



End caps made of 2 pieces.
For trimless installation profile.

Accessory codes





Mechanical connector

	Colour	Code
		1E4236
		1E4172
		1E4176

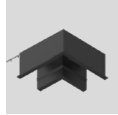

L shaped joint planar.
For surface mounted installation profile.

	Colour	Code
		1E4237
		1E4173
		1E4177

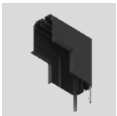

L shaped joint concave.
For surface mounted installation profile.

	Colour	Code
		1E4238
		1E4174
		1E4178

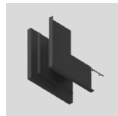

L shaped joint convex.
For surface mounted installation profile.

	Colour	Code
		1E4259

L shaped joint planar.
For trimless installation profile.


	Colour	Code
		1E4260

L shaped joint concave.
For trimless installation profile.

	Colour	Code
		1E4261


L shaped joint convex.
For trimless installation profile.

Cover Panel

L mm	Colour	Code
2000		1E4170

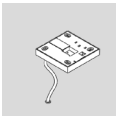



Extruded plastic cover.

Suspension

L mm	Colour	Code
2000		2T0049

Suspension cable.
For indoor environment only.

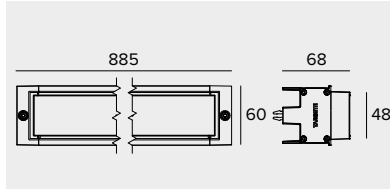
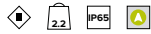
Power Supply Kit

	L mm	Driver	Colour	Code
	4000	ON-OFF		1T5905EL
	4000	ON-OFF		1T5906EL
	4000	ON-OFF		2T0048EL

Suspension installation kit: power cable complete with a painted polycarbonate rosette.
Max 0.6kW.

IVY Linear module

48Vdc | Ra90 | Fixture flux 3000K from 1935lm to 2441lm

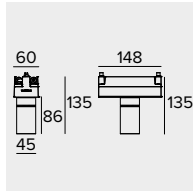


Optic	Version	Colour	2700K	3000K	3500K	4000K
FL 22W	ON-OFF	●	1E4136EL	1E4140EL	1E4144EL	1E4148EL
	CASAMBI	●	1E4136CA	1E4140CA	1E4144CA	1E4148CA
OP 22W	ON-OFF	●	1E4138EL	1E4142EL	1E4146EL	1E4150EL
	CASAMBI	●	1E4138CA	1E4142CA	1E4146CA	1E4150CA
GRZ 22W	ON-OFF	●	1E4135EL	1E4139EL	1E4143EL	1E4147EL
	CASAMBI	●	1E4135CA	1E4139CA	1E4143CA	1E4147CA
WW 22W	ON-OFF	●	1E4137EL	1E4141EL	1E4145EL	1E4149EL
	CASAMBI	●	1E4137CA	1E4141CA	1E4145CA	1E4149CA

Note Related codes and accessory codes on page 569.

IVY Single projector

48Vdc | Ra90 | Fixture flux 3000K from 220lm to 655lm

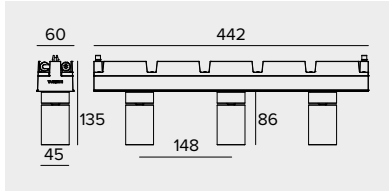
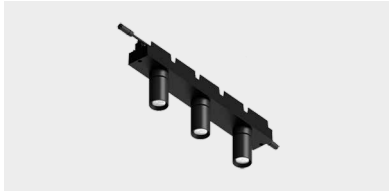
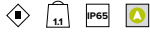


Optic	Version	Colour	2700K	3000K	3500K	4000K
NSP 8° 4W	ON-OFF	○	1E4281EL	1E4282EL	1E4283EL	1E4284EL
		●	1E4277EL	1E4278EL	1E4279EL	1E4280EL
	CASAMBI	●	1E4273EL	1E4274EL	1E4275EL	1E4276EL
		○	1E4281CA	1E4282CA	1E4283CA	1E4284CA
		●	1E4277CA	1E4278CA	1E4279CA	1E4280CA
		●	1E4273CA	1E4274CA	1E4275CA	1E4276CA
SP 21° 7W	ON-OFF	○	1E4192EL	1E4195EL	1E4198EL	1E4201EL
		●	1E4063EL	1E4066EL	1E4069EL	1E4072EL
	CASAMBI	●	1E4075EL	1E4078EL	1E4081EL	1E4084EL
		○	1E4192CA	1E4195CA	1E4198CA	1E4201CA
		●	1E4063CA	1E4066CA	1E4069CA	1E4072CA
		●	1E4075CA	1E4078CA	1E4081CA	1E4084CA
FL 37° 7W	ON-OFF	○	1E4193EL	1E4196EL	1E4199EL	1E4202EL
		●	1E4064EL	1E4067EL	1E4070EL	1E4073EL
	CASAMBI	●	1E4076EL	1E4079EL	1E4082EL	1E4085EL
		○	1E4193CA	1E4196CA	1E4199CA	1E4202CA
		●	1E4064CA	1E4067CA	1E4070CA	1E4073CA
		●	1E4076CA	1E4079CA	1E4082CA	1E4085CA
WFL 53° 7W	ON-OFF	○	1E4194EL	1E4197EL	1E4200EL	1E4203EL
		●	1E4065EL	1E4068EL	1E4071EL	1E4074EL
	CASAMBI	●	1E4077EL	1E4080EL	1E4083EL	1E4086EL
		○	1E4194CA	1E4197CA	1E4200CA	1E4203CA
		●	1E4065CA	1E4068CA	1E4071CA	1E4074CA
		●	1E4077CA	1E4080CA	1E4083CA	1E4086CA

Note Related codes and accessory codes on page 569.

IVY Multiple projector

48Vdc | Ra90 | Fixture flux 3000K from 1662lm to 1965lm

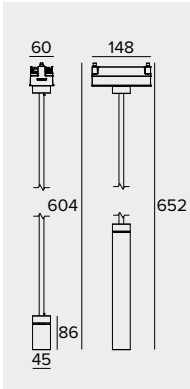
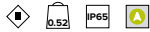


Optic	Version	Colour	2700K	3000K	3500K	4000K
SP 21° 3x7W	ON-OFF	○	1E4216EL	1E4219EL	1E4222EL	1E4225EL
		●	1E4111EL	1E4114EL	1E4117EL	1E4120EL
		●	1E4123EL	1E4126EL	1E4129EL	1E4132EL
	CASAMBI	○	1E4216CA	1E4219CA	1E4222CA	1E4225CA
		●	1E4111CA	1E4114CA	1E4117CA	1E4120CA
		●	1E4123CA	1E4126CA	1E4129CA	1E4132CA
FL 37° 3x7W	ON-OFF	○	1E4217EL	1E4220EL	1E4223EL	1E4226EL
		●	1E4112EL	1E4115EL	1E4118EL	1E4121EL
		●	1E4124EL	1E4127EL	1E4130EL	1E4133EL
	CASAMBI	○	1E4217CA	1E4220CA	1E4223CA	1E4226CA
		●	1E4112CA	1E4115CA	1E4118CA	1E4121CA
		●	1E4124CA	1E4127CA	1E4130CA	1E4133CA
WFL 53° 3x7W	ON-OFF	○	1E4218EL	1E4221EL	1E4224EL	1E4227EL
		●	1E4113EL	1E4116EL	1E4119EL	1E4122EL
		●	1E4125EL	1E4128EL	1E4131EL	1E4134EL
	CASAMBI	○	1E4218CA	1E4221CA	1E4224CA	1E4227CA
		●	1E4113CA	1E4116CA	1E4119CA	1E4122CA
		●	1E4125CA	1E4128CA	1E4131CA	1E4134CA

Note Related codes and accessory codes on page 569.

IVY Stem mounted projector

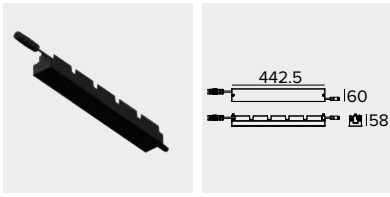
48Vdc | Ra90 | Fixture flux 3000K from 220lm to 655lm



Optic	Version	Colour	2700K	3000K	3500K	4000K
NSP 8° 4W	ON-OFF	○	1E4293EL	1E4294EL	1E4295EL	1E4296EL
		●	1E4289EL	1E4290EL	1E4291EL	1E4292EL
		●	1E4285EL	1E4286EL	1E4287EL	1E4288EL
	CASAMBI	○	1E4293CA	1E4294CA	1E4295CA	1E4296CA
		●	1E4289CA	1E4290CA	1E4291CA	1E4292CA
		●	1E4285CA	1E4286CA	1E4287CA	1E4288CA
SP 21° 7W	ON-OFF	○	1E4204EL	1E4207EL	1E4210EL	1E4213EL
		●	1E4087EL	1E4090EL	1E4093EL	1E4096EL
		●	1E4099EL	1E4102EL	1E4105EL	1E4108EL
	CASAMBI	○	1E4204CA	1E4207CA	1E4210CA	1E4213CA
		●	1E4087CA	1E4090CA	1E4093CA	1E4096CA
		●	1E4099CA	1E4102CA	1E4105CA	1E4108CA
FL 37° 7W	ON-OFF	○	1E4205EL	1E4208EL	1E4211EL	1E4214EL
		●	1E4088EL	1E4091EL	1E4094EL	1E4097EL
		●	1E4100EL	1E4103EL	1E4106EL	1E4109EL
	CASAMBI	○	1E4205CA	1E4208CA	1E4211CA	1E4214CA
		●	1E4088CA	1E4091CA	1E4094CA	1E4097CA
		●	1E4100CA	1E4103CA	1E4106CA	1E4109CA
WFL 53° 7W	ON-OFF	○	1E4206EL	1E4209EL	1E4212EL	1E4215EL
		●	1E4089EL	1E4092EL	1E4095EL	1E4098EL
		●	1E4101EL	1E4104EL	1E4107EL	1E4110EL
	CASAMBI	○	1E4206CA	1E4209CA	1E4212CA	1E4215CA
		●	1E4089CA	1E4092CA	1E4095CA	1E4098CA
		●	1E4101CA	1E4104CA	1E4107CA	1E4110CA

Note Related codes and accessory codes on page 569.

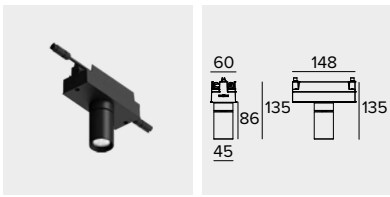
IVY Audio Speaker Master Module
48Vdc



Colour	Code
●	1E4262

Note Related codes and accessory codes on page 569.

IVY People sensor / Daylight sensor
48Vdc



Colour	Code
●	1E4186
○	1E4235
●	1E4272





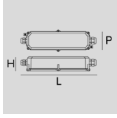
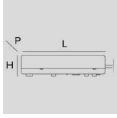
Note Related codes and accessory codes on page 569.

Related codes and accessories

IVY Light modules

Related codes

Power Supply

Driver	Colour	Code	Driver	Colour	Code
		1E4169			1E4175
48Vdc driver box (IP65). L=450mm 90W. Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.			48Vdc driver box (IP65). L=450mm 150W. Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.		
		Dimensions LxHxP mm	Power	IP	Code
		225x51x65	70W	IP67	1E2320
		225x51x65	150W	IP67	1E2321
48Vdc electronic driver. Cable length 0.5m (IN and OUT). To be completed with Connection kit 1E4184 .					
		Dimensions LxHxP mm	Power	IP	Code
		225x36x60	60W	IP20	1T6917EL
		240x49x60	130W	IP20	1T6916EL
48Vdc electronic driver. To be completed with Connection kit 1E4184 . 1T6917EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm ² . 1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm ² .					

Accessory codes

Cable

L mm	Code
500	1E4270
1000	1E4181
2000	1E4182
3000	1E4183

Connection cable complete with male/female connectors.

Tool

Code
1E4171

Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring **1E4184** connection kit.

Connector

Code	Code
1E4184	1E2769

Connection kit 24/48V.
Wire not included.
Maximum cable diameter 7.5mm².
To be used for lengths >3m.

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

Code
1E3184

IP68 4-way cable connector (5 pole).

Control systems

Code
1T8173CA

Bridge DALI/Casambi: a fixture that allows fixtures equipped with mesh Bluetooth Casambi to interface with a traditional DALI system and to be adjusted by a DALI control unit.
More details on page 672.

WALL-MOUNTED

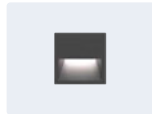
Outdoor

Wall-mounted | Recessed



ZEDGE

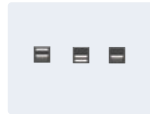
572



PRO



LINE



Wall-mounted | Applique



MRS BO

592



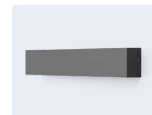
WALL

MR/MRS SMITH

598



MR



MRS

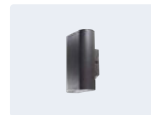
FEBO EVO

602



STILO

608



WALL FLAT

ZEDGE

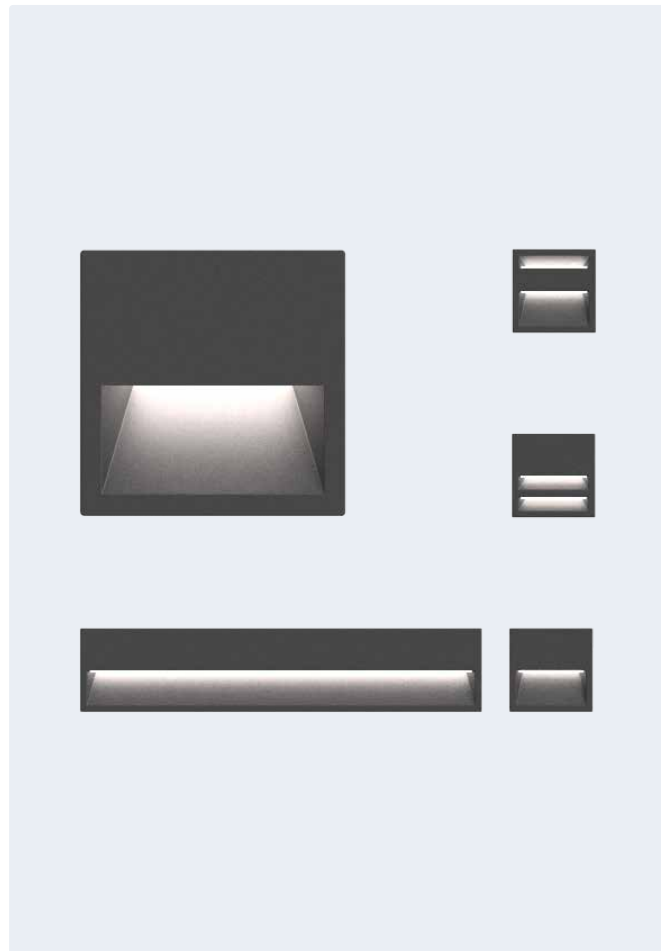
572

















PRO



ZEDGE FAMILY



Developed in collaboration with the architecture and design firm Gensler, the ZEDGE range is a coordinated range of fixtures for outdoor lighting. Available in different sizes and with lumens outputs it was developed to light pedestrian areas, stairs and ramps.

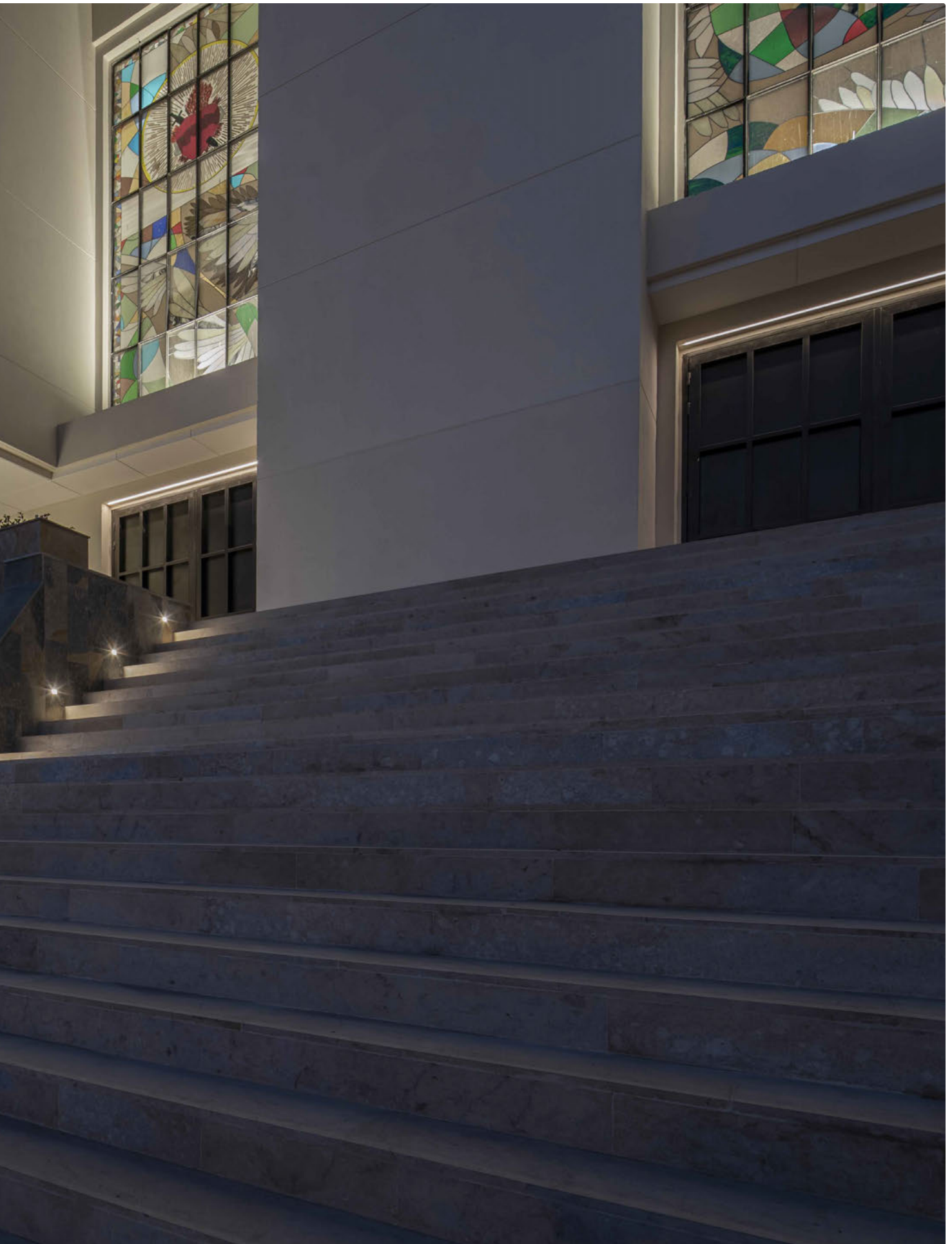
							
Recessed wall-mounted	Wall-mounted	Bollard	Floor Washer	2700K	3000K	3500K	4000K
INSTALLATION			EFFECTS	COLOUR TEMPERATURE			
							
On-Off	Dali	Casambi	Ferrite	Easy Custom Colours	IP66		
CONTROL			FINISH	PROTECTION RATING			

110-277V Power Supply
Cataphoresis treatment

ON REQUEST









ZEDGE

An extremely small step-marker
6.3cmx6.3cm available with three
different front covers.



ZEDGE LINE

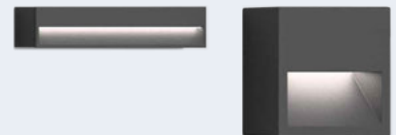
A rectangular shaped thin, sleek
step-marker



ZEDGE PRO

A professional fixture for outdoor
lighting of pedestrian areas available
with 3 different optical systems.

The ZEDGE LINE and ZEDGE PRO
versions can be accessorised with a
special carter for surface installations.



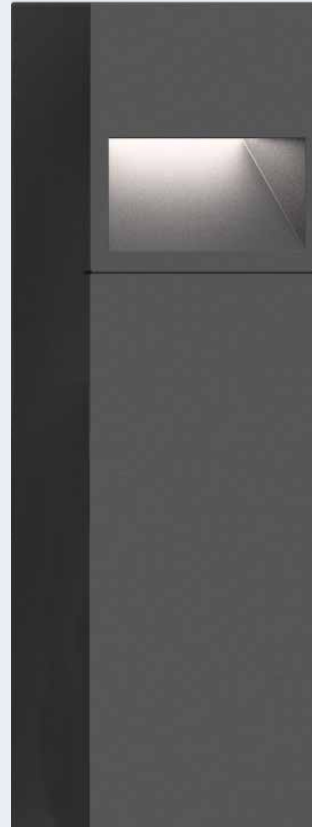
The ZEDGE range is designed specifically to light pedestrian walkways and urban areas. The different shapes and sizes make it ideal to light small pedestrian walkways or large public areas.



ZEDGE BOLLARD

A small bollard suitable for lighting pedestrian walkways.

See the Bollard chapter.



ZEDGE PRO BOLLARD

The PRO ZEDGE version can be accessorised with a special bollard for professional lighting of wide pedestrian walkways where wall-mounted installation is not possible.



DEEP Version

For deep lighting of the horizontal plane where the priority is to light open spaces or wide walkways.



WIDE Version

Ideal where uniformity of lighting with a large pitch between fixtures is preferred such as for example for long public or private pedestrian walkways.



ADJUSTABLE Version

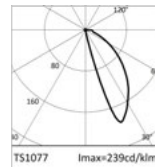
The innovative optical group inside is made up of two independent projectors that can be configured in different ways. With the same fixture it is possible to obtain both a deep optic and a Wide optic effect. Using a waterproof Allen screw the system can be rotated moving from one to the other.

ZEDGE Pro

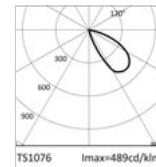
The largest in the range, Zedge Pro is a real floor washer suitable for lighting pedestrian areas in large urban contexts. The different optical systems make it possible to choose the most suitable lighting solution for a wider or deeper effect according to different needs.



ZEDGE PRO
 Up to 42lm/W
 From 409lm to 610lm
 2700K - 3000K - 3500K - 4000K
 Ra90

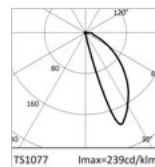


Wide

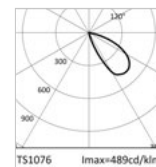


Deep

ZEDGE PRO ADJUSTABLE
 Up to 42lm/W
 From 409lm to 610lm
 2700K - 3000K - 3500K - 4000K
 Ra90



Wide



Deep

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Applique installation
It can also be surface-mounted if
accessorised with a special carter.

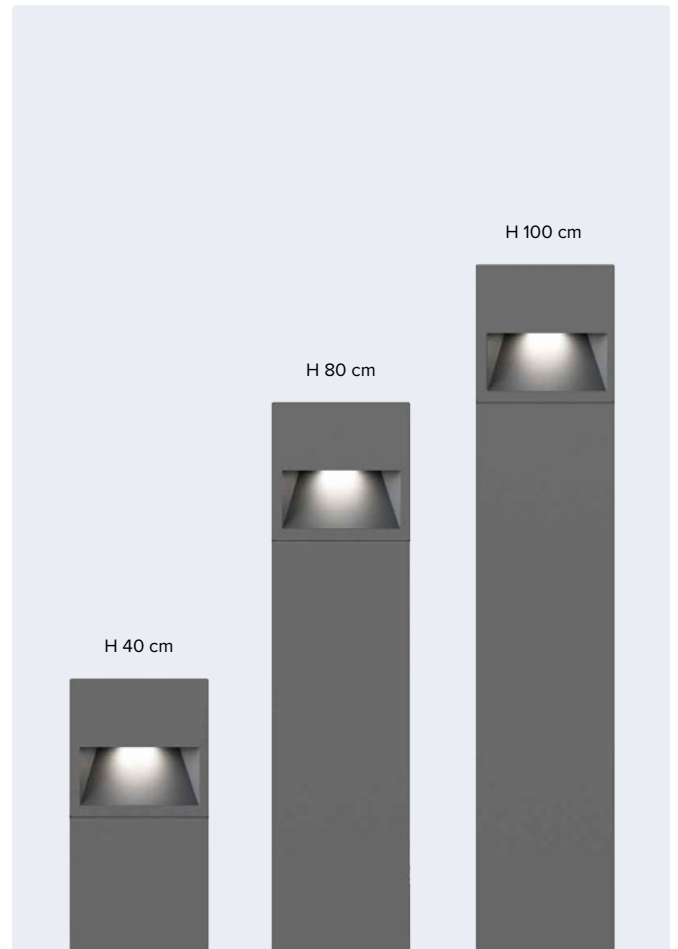


Recessed wall-mounted installation
The accessory outer casing allows
for recessed wall-mounted overlay
installation with a front cover or flush
for maximum formal simplicity.

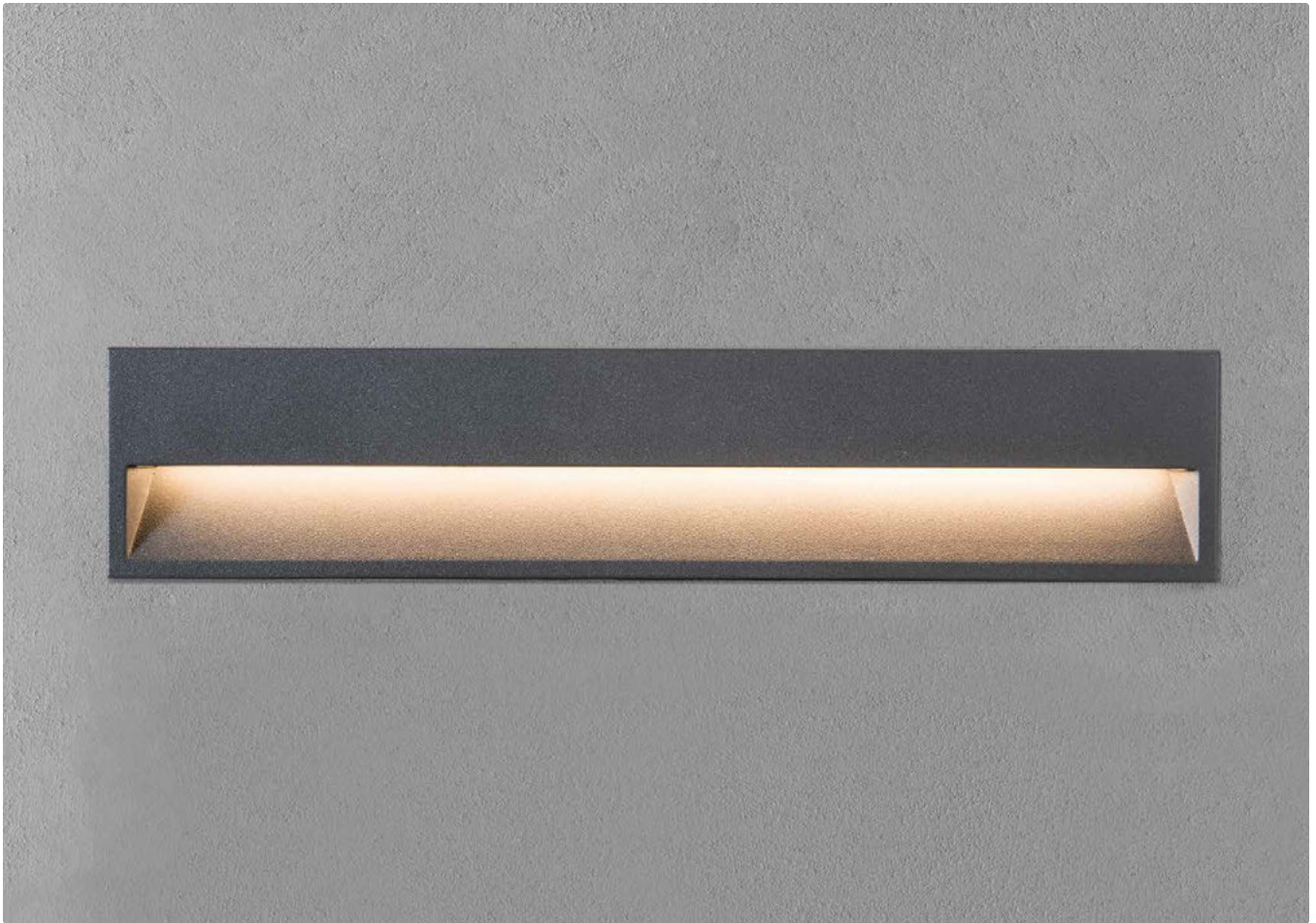


BOLLARD SOLUTION

Combined with the accessory bollards available in three different heights - 400, 800, 1000mm - it can become a high performance bollard with a rigorous and minimal graphic design.



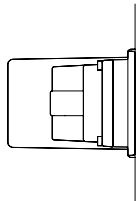
Zedge PRO can be recessed or wall-mounted, surface-mounted or as a bollard by choosing the most suitable installation accessory.



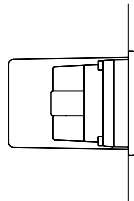
If wall-mounted it is possible to choose from a direct installation spring kit or use the special outer casing for flush installation with a protrusion of only 4.5mm.

For surface installation it is necessary to order the special carter.

Flush installation



Overlay installation



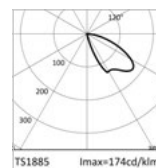
ZEDGE Line

The LINE version has a rectangular, thin, sleek shape. It has a floor washer optic that allows for discrete and controlled lighting of pedestrian areas.

Suitable for all pedestrian walkways where small yet high performance fixtures are required.

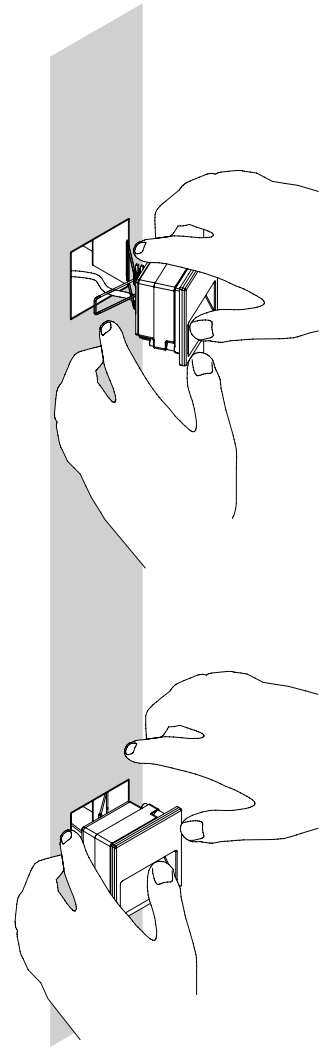


ZEDGE LINE
 Up to 25lm/W
 From 153lm to 207lm
 2700K - 3000K - 3500K - 4000K
 Ra90



Floor Washer

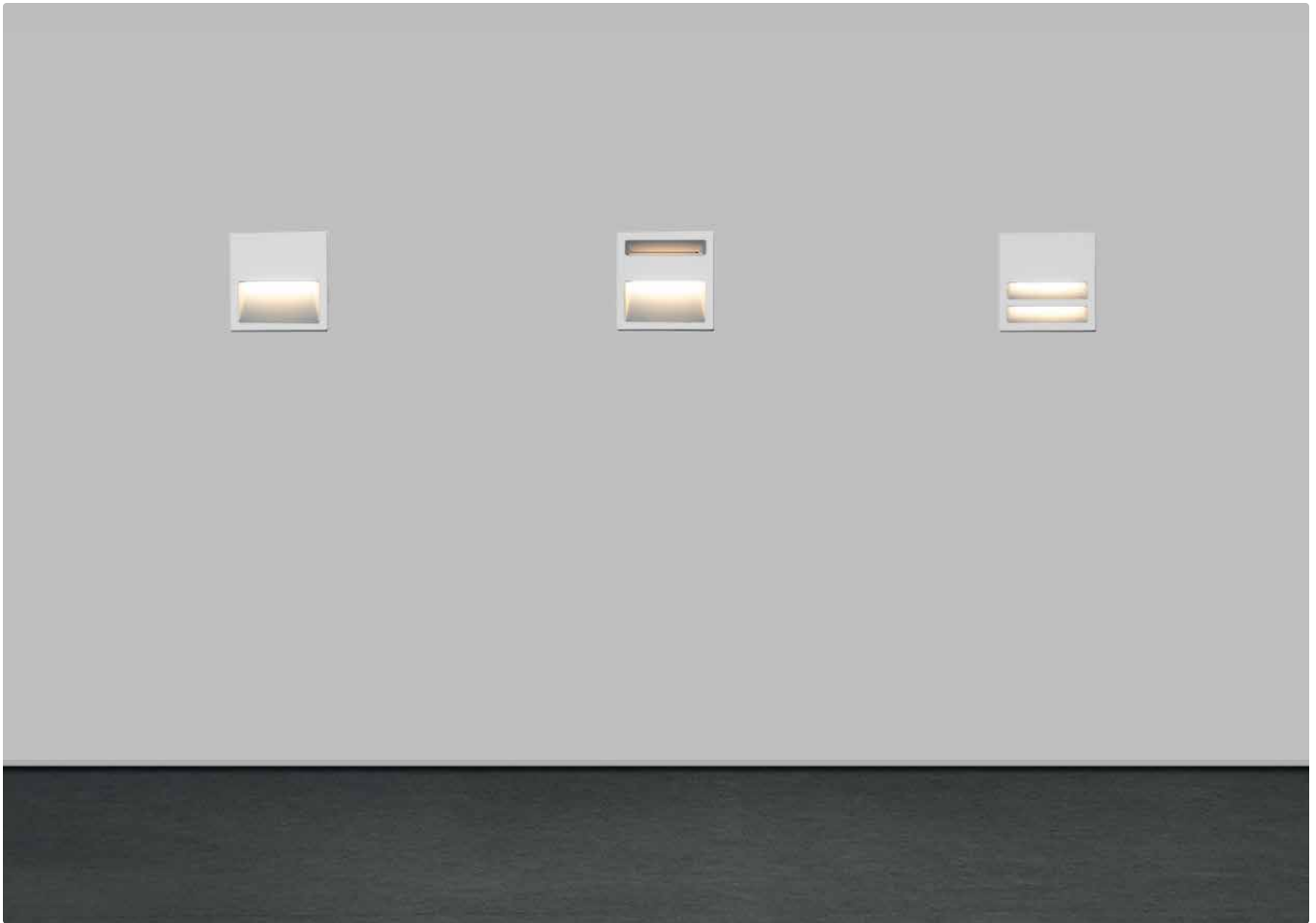
* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



Installation can be done using the accessory outer casing or directly in the plasterboard.

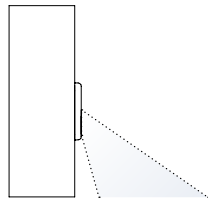
ZEDGE

Zedge is the smallest version in the range, a very compact step-marker - 63mm x 63mm - with a minimal and proportioned design. Designed to light outdoor environments it is a functional and decorative fixture at the same time, ideal also for indoor environments thanks to its compact size and the possibility to choose from different colour finishes.

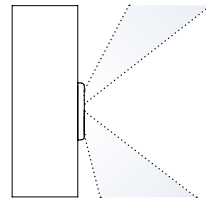


LIGHTING EFFECTS

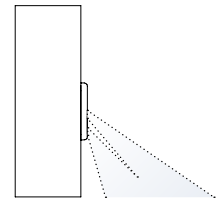
The decorative 5mm thick front cover is available in three different versions – Floor Washer, Floor Washer + Halo, Louvre – it simplifies and finishes any installation while ensuring three different lighting effects. The Floor Washer versions are also available in the High Output variant.



Floor Washer



Floor Washer + Halo

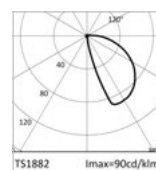


Louvre

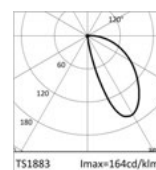


ZEDGE

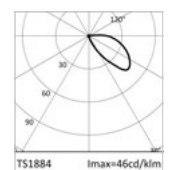
Up to 48lm/W
From 33lm to 181lm
2700K - 3000K - 3500K - 4000K
Ra90



Floor Washer



Floor Washer + Halo

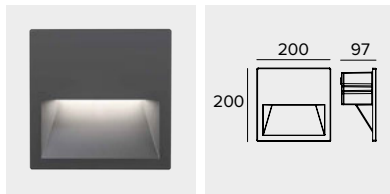


Louvre

* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

ZEDGE Pro

220-240Vac | Ra90 | Fixture flux 3000K from 409lm to 610lm

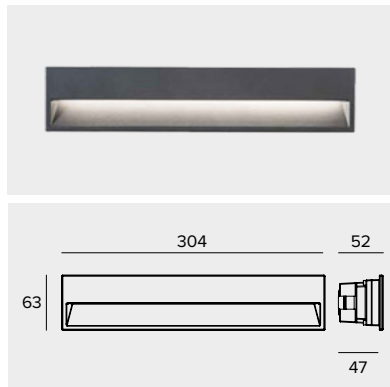


Version	Driver	Colour	2700K	3000K	3500K	4000K
DEEP 16W	ON-OFF	●	1E3192EL90	1E3195EL90	1E3760EL90	1E3198EL90
	DALI	●	1E3192DA90	1E3195DA90	1E3760DA90	1E3198DA90
WIDE 16W	ON-OFF	●	1E3201EL90	1E3204EL90	1E3761EL90	1E3207EL90
	DALI	●	1E3201DA90	1E3204DA90	1E3761DA90	1E3207DA90
ADJUSTABLE 16W	ON-OFF	●	1E3210EL90	1E3213EL90	1E3762EL90	1E3216EL90
	DALI	●	1E3210DA90	1E3213DA90	1E3762DA90	1E3216DA90

Note Related codes and accessory codes on page 587.

ZEDGE Line

Ra90 | Fixture flux 3000K from 153lm to 207lm

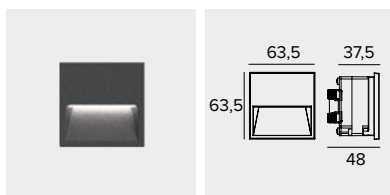
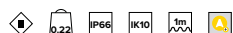


Power supply	Driver	Colour	2700K	3000K	3500K	4000K
24Vdc 6W	REMOTE	●	1E344190	1E344590	1E376390	1E344690
220-240Vac 9W	ON-OFF	●	1E3442EL90	1E3443EL90	1E3764EL90	1E3444EL90
	DALI	●	1E3442DA90	1E3443DA90	1E3764DA90	1E3444DA90

Note Related codes and accessory codes on page 588.

ZEDGE Floor Washer

24Vdc | Ra90 | Fixture flux 3000K from 75lm to 181lm

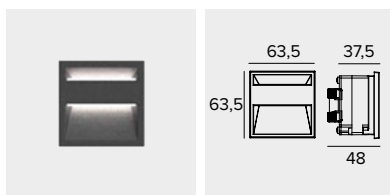
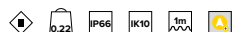


Version	Colour	2700K	3000K	3500K	4000K
FLOOR WASHER 4W	○	1E374290	1E315490	1E374590	1E315790
	●	1E374390	1E316090	1E374690	1E316390
	●	1E374490	1E314890	1E374790	1E315190
FLOOR WASHER HO 4W	○	1E388490	1E388790	1E389090	1E389390
	●	1E388590	1E388890	1E389190	1E389490
	●	1E388690	1E388990	1E389290	1E389590

Note Related codes and accessory codes on page 589.

ZEDGE Floor Washer + Halo

24Vdc | Ra90 | Fixture flux 3000K 101lm

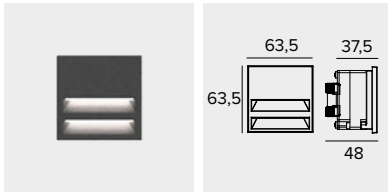
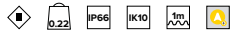


Version	Colour	2700K	3000K	3500K	4000K
FLOOR WASHER + HALO 4W	○	1E374890	1E315590	1E375190	1E315890
	●	1E374990	1E316190	1E375290	1E316490
	●	1E375090	1E314990	1E375390	1E315290

Note Related codes and accessory codes on page 589.

ZEDGE Louvre

24Vdc | Ra90 | Fixture flux 3000K 33lm



Version	Colour	2700K	3000K	3500K	4000K
LOUVRE 4W		1E375490	1E315690	1E375790	1E315990
		1E375590	1E316290	1E375890	1E316590
		1E375690	1E315090	1E375990	1E315390

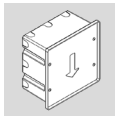
Note Related codes and accessory codes on page 589.

Related codes and accessories

ZEDGE Pro

Related codes

Insertion Box



Code

1E3219

Nylon outer casing fitted for parallel connection with feed through-wiring.
AxBxH=207x207x114.5mm.
For flush or overlay installation.

Carter



Colour

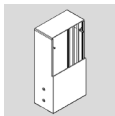


Code

1E3440

Plate accessory for wall mounted installation.
Powder coated anodised aluminium.
AxBxH=201x201x107mm.

Bollard



Kg

3.5

H mm

400

Colour



Code

1E3437

5.8

800



1E3438

7

1000



1E3439

Powder coated anodised aluminium bollard.

Mounting System



Code

1E3450

Fixing rods for installation in concrete.
AISI 316 stainless steel.
H=147mm.
0.36Kg.
For Zedge Pro Bollard installation with pole 1E3437, 1E3438, 1E3439.

Accessory codes

Connector



Code

1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.



Code

1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Tool



Code

1E3305

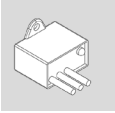
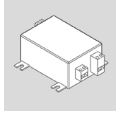
Tightening wrench for the connector kit.

Related codes and accessories

ZEDGE Pro

Accessory codes

Surge protector

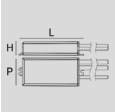
	Code		Code
	A013B		A013D
	Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67		Surge protector compatible with CLASS II lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP65

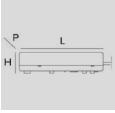
Related codes and accessories

ZEDGE Line

Related codes

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL
	Electronic power supply.					

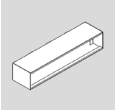
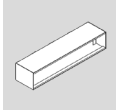
	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588
	Electronic power supply.					

Insertion Box

Mounting System

	Code		Code
	1E3447		1T7003
	Nylon outer casing fitted for parallel connection with feed through-wiring. Cutout hole for flush installation AxBxP=308x68x80mm. Cutout hole for overlay installation AxBxP=298x57x73mm.		Stainless steel spring kit for installation without insertion box.

Carter

	Colour	Code		Colour	Code
	●	1E3872		●	1E3873
		Carter for surface installation. Can contain 1E2769 and 1E2494 connectors inside. Powder coated stainless steel. AxBxH=62x304x76.5mm.			Carter for surface installation. To be completed with an external junction box. Powder coated stainless steel. AxBxH=62x304x63.5mm.

Accessory codes

Connector


	Code		Code
	1E2769		1E2494
	Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.

Related codes and accessories


ZEDGE Line

Accessory codes

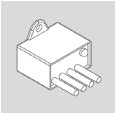
Connector

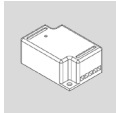
	Code
	1E3184
IP68 4-way cable connector (5 pole).	

Control systems

	Code
	1T6581
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20	

Surge protector

	Code
	A013A
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67	

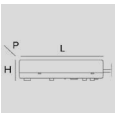
	Code
	A013C
Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20	

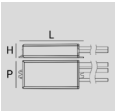
Related codes and accessories

ZEDGE

Related codes

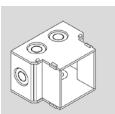
Power Supply

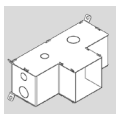
	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588
Electronic power supply.						

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL
Electronic power supply.						

Accessory codes

Insertion Box

	Code
	1E3166
Outer casing in plastic material fitted for parallel connection with feed through-wiring. For the fixture. Cutout hole AxBxP=87x59x72.5mm.	


	Code
	1E3180
Stainless steel outer casing fitted for parallel connection with feed through-wiring. For fixture + driver (1E3179). Cutout hole AxBxP=166x72x87mm.	

Related codes and accessories

ZEDGE

Accessory codes

Control systems

	Code
	1T6581
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20	

Terminal Box

	Code
	1E3181
Terminal box with gel.	

Related codes and accessories

ZEDGE | Codes compatible with the whole range

Accessory codes

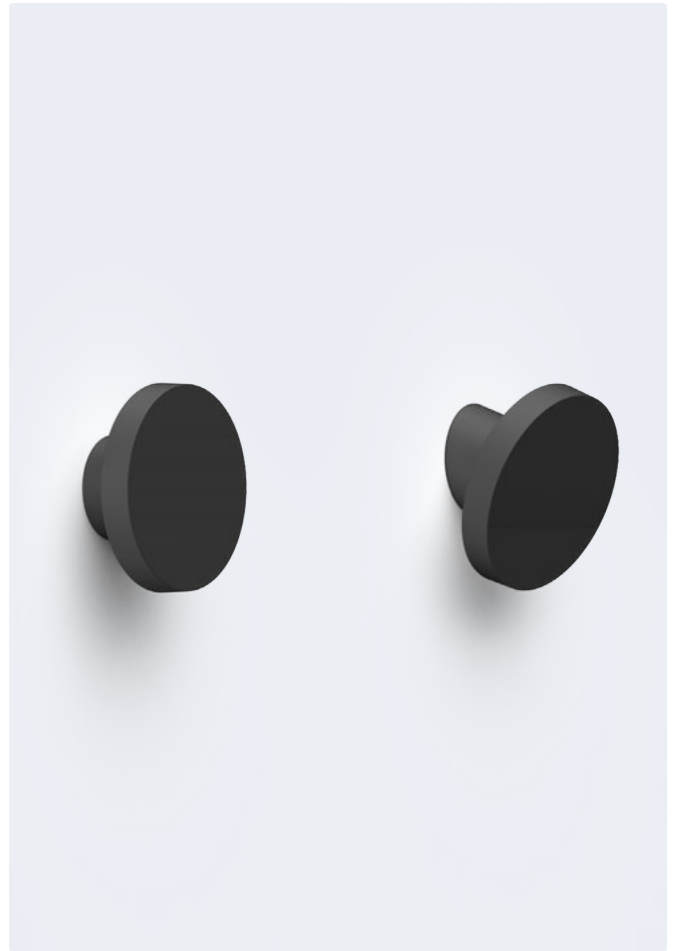
Control systems

	Code
	1E3048
IP67 wireless control unit with DALI interface. More details on page 672.	
















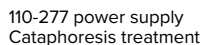
	Code
	1E4369
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	



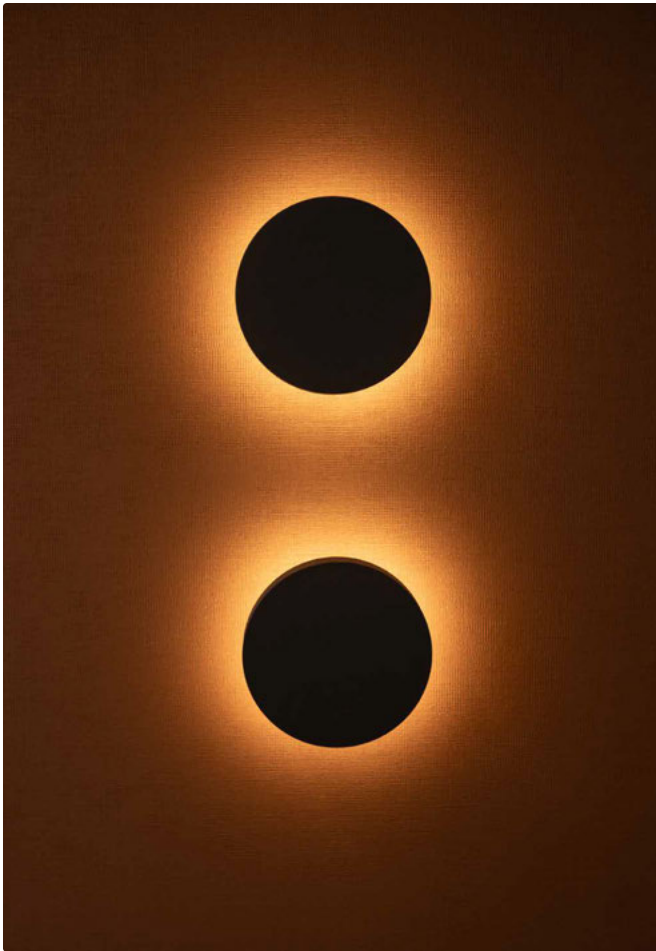
MRS BO WALL



Mrs BO Wall is a fixture for decorative lighting of vertical surfaces. It has two different lighting effects: circular and elliptical. Ideal for wall-mounted installation, both versions are equipped with special safety cables for ceiling installation. Mr Bo Wall must be completed with a remote driver for single or multiple configurations where one driver can power several fixtures.

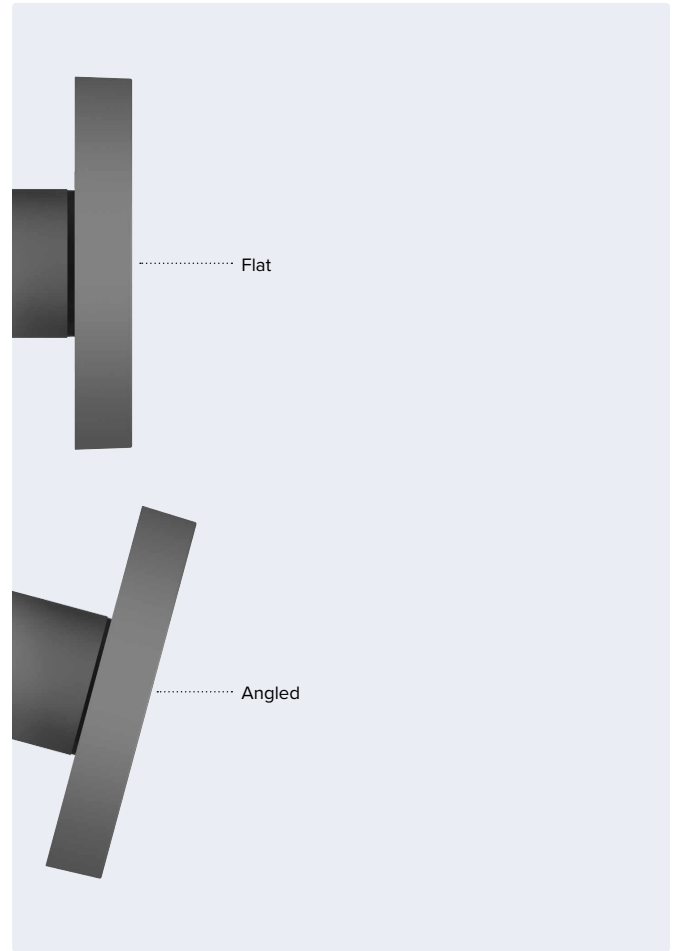
						
Ceiling-mounted	Wall-mounted	Radial	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT	COLOUR TEMPERATURE			
						
On-Off	Dali	Casambi	24V	IP66	IK10	
CONTROL		POWER SUPPLY		PROTECTION RATING	RESISTANCE	
						
Ferrite	Easy Custom Colours	110-277 power supply Cataphoresis treatment				
FINISH		ON REQUEST				





Grazing radial emission

The effect of the Mr Bo wall-mounted fixture is particularly suitable where the focus is to enhance the texture of the wall. Emission is grazing with a very soft nuance.



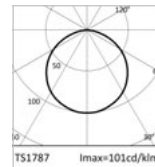
Double version

Available in a double version: Flat for soft radial lighting, or Angled with the base inclined to 20° for radial emission but with an elliptical shape.

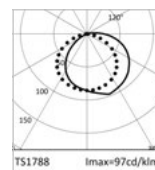
Mr Bo is a small light fixture with a diameter of 160mm. The optical head is made of diecast aluminium and the base is made of extruded aluminium with a cataphoresis treatment. It is particularly suitable for lighting private spaces such as terraces and porticoes.



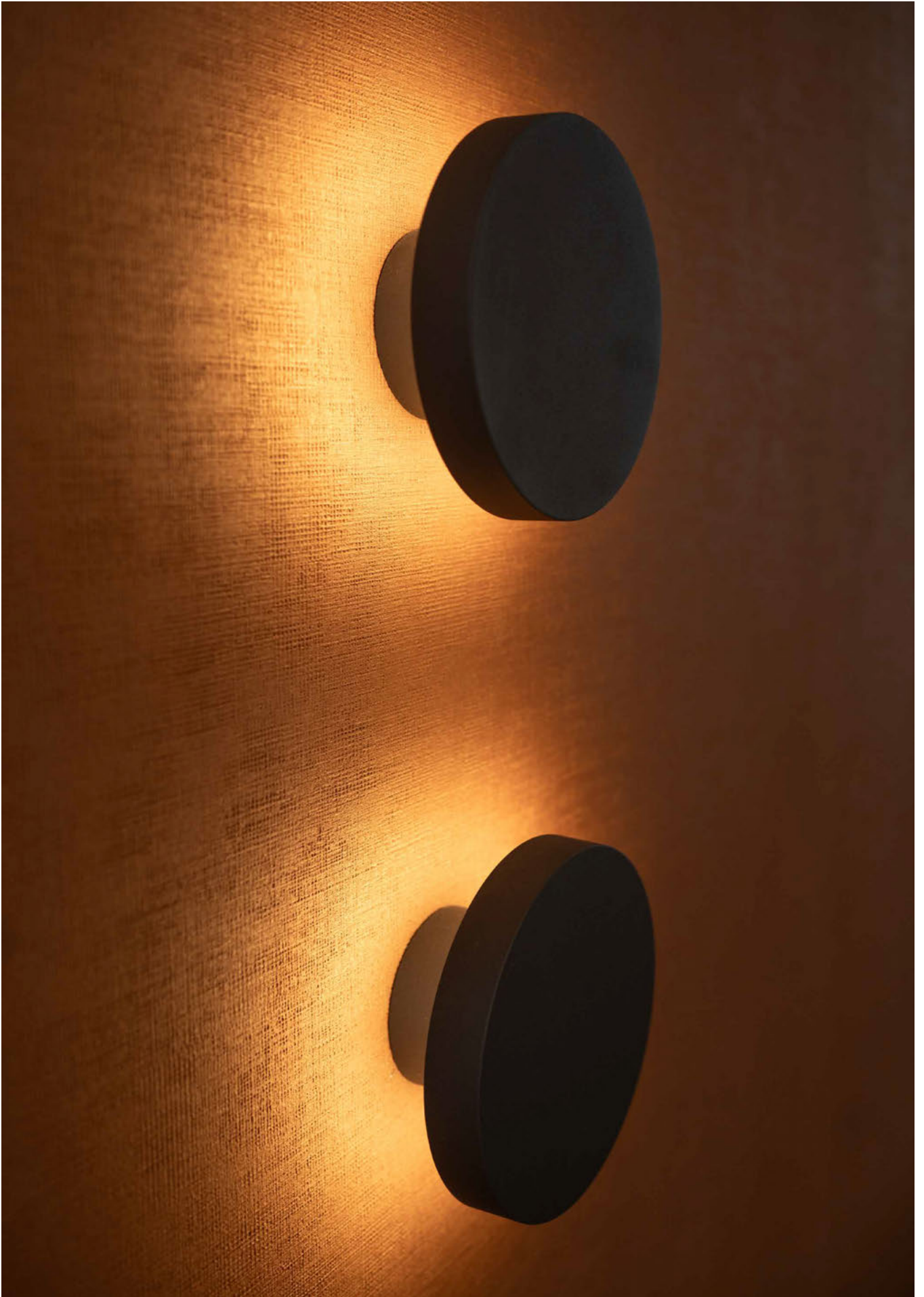
Mrs BO WALL FLAT
 Up to 41lm/W
 391lm
 2700K - 3000K - 3500K - 4000K
 Ra80



Mrs BO WALL ANGLED
 Up to 40lm/W
 376lm
 2700K - 3000K - 3500K - 4000K
 Ra80

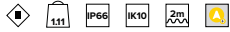


* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



MRS BO WALL Flat

24Vdc | Ra80 | Fixture flux 3000K 391lm

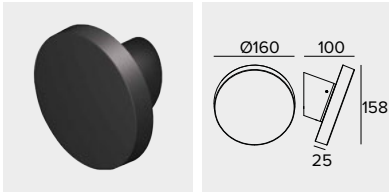
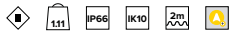


Emission	Colour	2700K	3000K	3500K	4000K
RADIAL 10W		1E4345	1E4346	1E4347	1E4348

Note Related codes and accessory codes on page 597.

MRS BO WALL Angled

24Vdc | Ra80 | Fixture flux 3000K 376lm



Emission	Colour	2700K	3000K	3500K	4000K
ELLIPTICAL 10W		1E4349	1E4350	1E4351	1E4352

Note Related codes and accessory codes on page 597.

Related codes and accessories

MRS BO WALL

Related codes

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	79x25x38	14,4W	220-240Vac	24Vdc	IP67	1E4359
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

Electronic power supply.

Accessory codes

Insertion Box

	Code
	1E4357
Outer casing for electrical connections.	

Connector

	Code
	1E4358
Connection box - Connection in parallel 1IN-2OUT.	

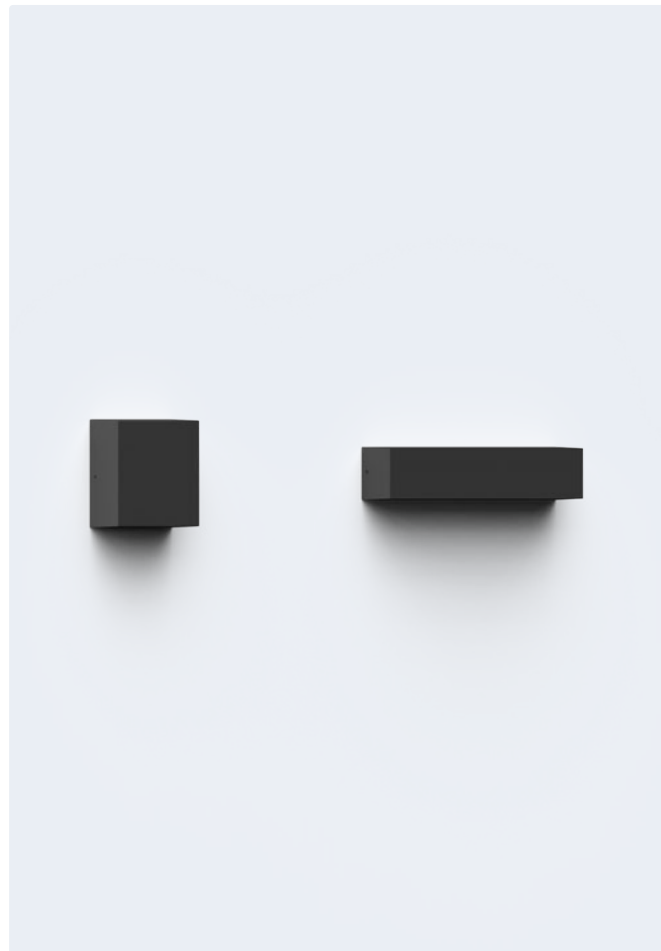
Control systems

	Code
	1T6581
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20	
















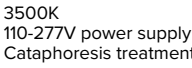
	Code
	1E3048
IP67 wireless control unit with DALI interface. More details on page 672.	

	Code
	1E4369
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

MR & MRS SMITH



A range of outdoor fixtures with simple and minimal shapes with direct, indirect or direct/indirect emission.

						
Wall-mounted	Direct	Indirect	Direct Indirect	2700K	3000K	4000K
INSTALLATION		EMISSION		COLOUR TEMPERATURE		
						
On-Off	Dali	Casambi	220-240V	Ferrite	Easy Custom Colours	
CONTROL			POWER SUPPLY	FINISH		
						
IP65	IK08		3500K 110-277V power supply Cataphoresis treatment			
PROTECTION RATING		RESISTANCE		ON REQUEST		





MRS SMITH



MR SMITH

Easy installation

Both versions are made of painted aluminium and composed of two elements which fit together without visible screws. The first element with a cable is attached to the installation surface, the second element which hooks onto it has different shapes and screens according to the type of emission.

Outdoor

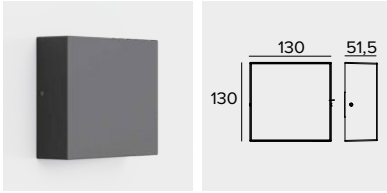
Different versions for different types of emission

Direct, indirect and direct/indirect emission. The indirect or direct/indirect versions have polycarbonate screens on the upper part which softly diffuses the light and avoids water stagnation. They are ideal to light private areas where discreet but effective decorative lighting is required.

600

MR SMITH

220-240Vac | Ra90 | Fixture flux 3000K from 452lm to 1027lm

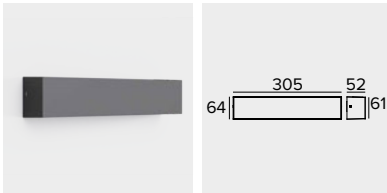
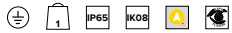


Emission	Driver	Colour	2700K	3000K	4000K
DIRECT 7W	ON-OFF	●	1E3527EL90	1E3529EL90	1E3531EL90
	DALI	●	1E3527DA90	1E3529DA90	1E3531DA90
INDIRECT 7W	ON-OFF	●	1E3521EL90	1E3523EL90	1E3525EL90
	DALI	●	1E3521DA90	1E3523DA90	1E3525DA90
DIRECT/INDIRECT 13W	ON-OFF	●	1E3533EL90	1E3535EL90	1E3537EL90
	DALI	●	1E3533DA90	1E3535DA90	1E3537DA90

Note Accessory codes on page 601.

MRS SMITH

220-240Vac | Ra90 | Fixture flux 3000K from 437lm to 928lm



Emission	Driver	Colour	2700K	3000K	4000K
DIRECT 7W	ON-OFF	●	1E3545EL90	1E3547EL90	1E3549EL90
	DALI	●	1E3545DA90	1E3547DA90	1E3549DA90
INDIRECT 7W	ON-OFF	●	1E3539EL90	1E3541EL90	1E3543EL90
	DALI	●	1E3539DA90	1E3541DA90	1E3543DA90
DIRECT/INDIRECT 14W	ON-OFF	●	1E3551EL90	1E3553EL90	1E3555EL90
	DALI	●	1E3551DA90	1E3553DA90	1E3555DA90

Note Accessory codes on page 601.

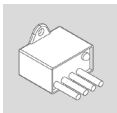
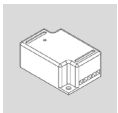
Accessory codes

MR & MRS SMITH | Codes compatible with the whole range

Control systems

	Code		Code
	1E3048		1E4369
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	












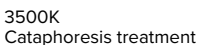
Surge protector

	Code		Code
	A013A		A013C
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67		Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20	

FEBO EVO



Febo Evo is a 360° grazing light fixture for ground and wall-mounted installations. It produces a circular effect which can be modulated using special accessories. Its light adheres perfectly to architectural surfaces, enhancing textures and materials on facades. It has a compact design, high resistance and excellent performance that make it ideal for lighting wide horizontal or vertical surfaces.

				
Surface	Grazing	2700K	3000K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE		
				
On-Off	Dali	Casambi	220-240V	Ferrite
CONTROL	POWER SUPPLY		FINISH	
				
PROTECTION RATING	ON REQUEST			



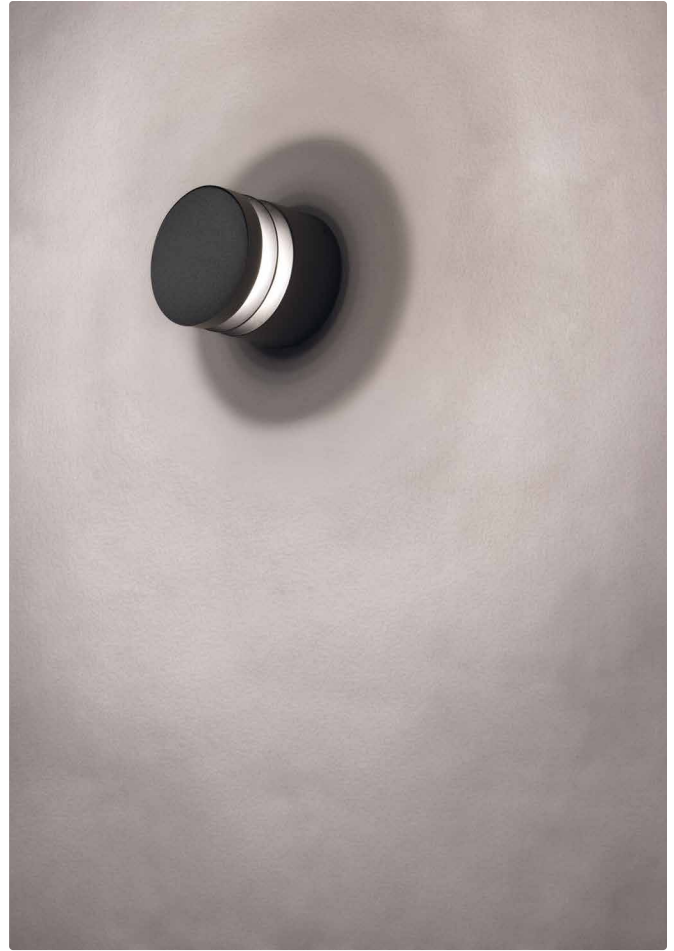






Ground installation

Febo Evo is a reliable tool with minimal visual impact, capable of illuminating pedestrian paths in depth and breadth. It is installed on the ground with a simple support base supplied with the product.

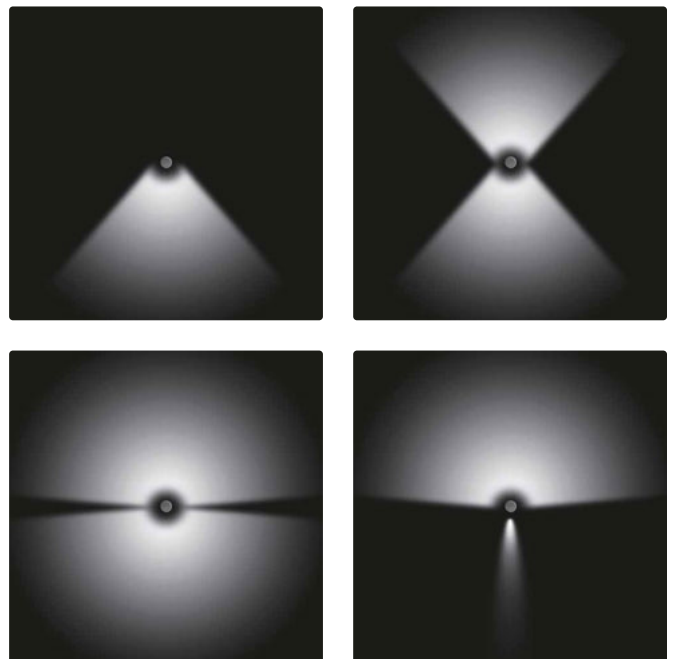


Installation on building facades

Given its compact size and grazing radial emission, when installed on facades it is able to enhance textures and highlight the entire surface with minimal visual impact.

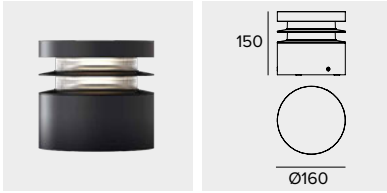
Lighting effects

The light emission of Febo Evo can be shaped according to needs. Accessory silicone elements can be placed on the fixture to shield the light. They can be placed individually, they can be cut according to the desired effect and combined together to “design” the light according to needs.



FEBO EVO

220-240Vac | Ra80 | Fixture flux 3000K 2585lm



Emission	Optic	Driver	2700K	3000K	4000K
RADIAL 36W	WFL	ON-OFF	1E3189EL	1E3190EL	1E3191EL
		DALI	1E3189DA	1E3190DA	1E3191DA


Note Accessory codes on page 607.

Accessory codes

FEBO EVO


Shutter

Tool

	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.	

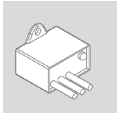
	Code
	1E3305
Tightening wrench for the connector kit.	

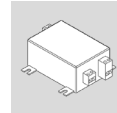
Control systems

	Code
	1E3048
IP67 wireless control unit with DALI interface. More details on page 672.	

	Code
	1E4369
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

Surge protector














	Code
	A013B
Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67	

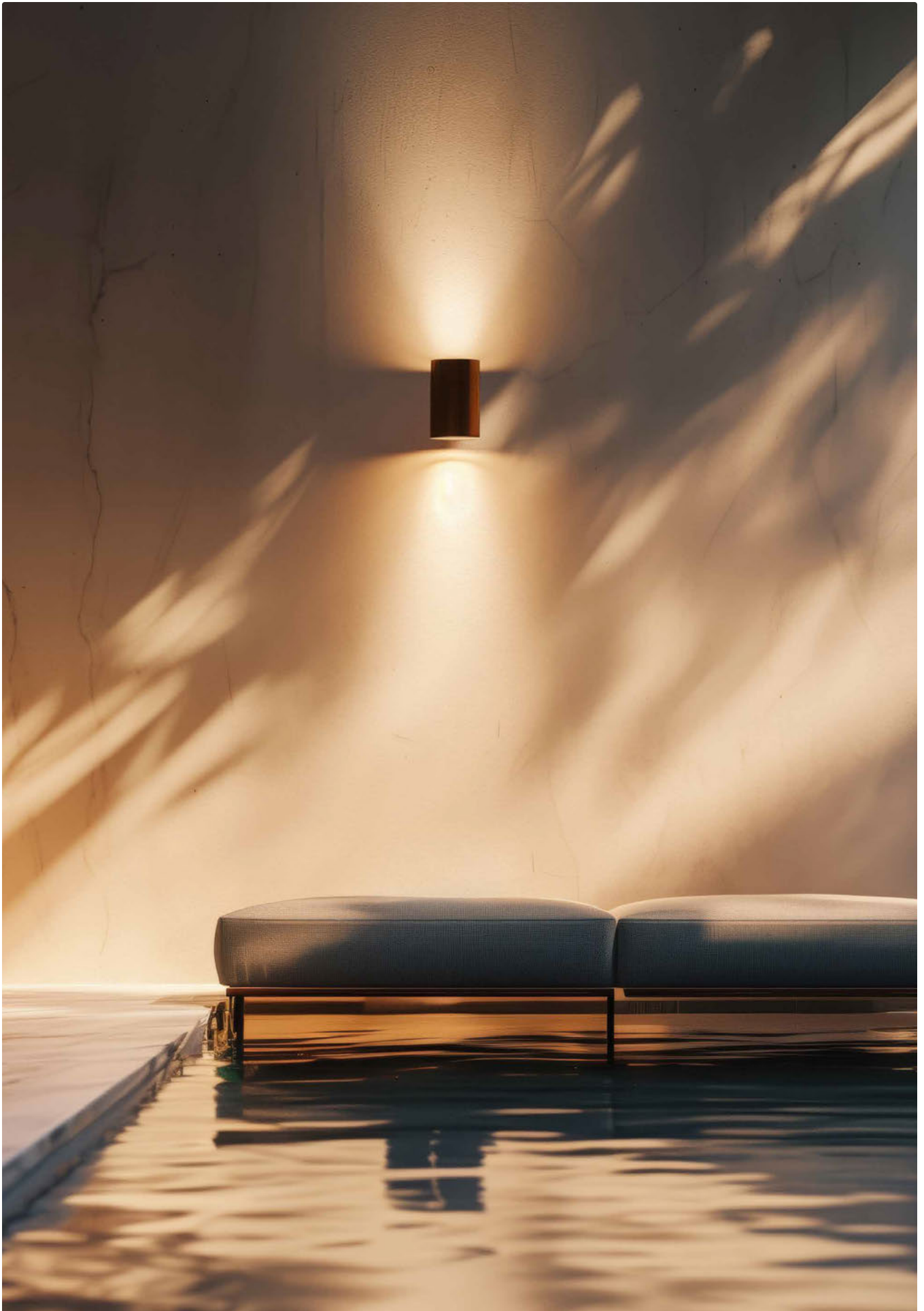
	Code
	A013D
Surge protector compatible with CLASS II lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP65	

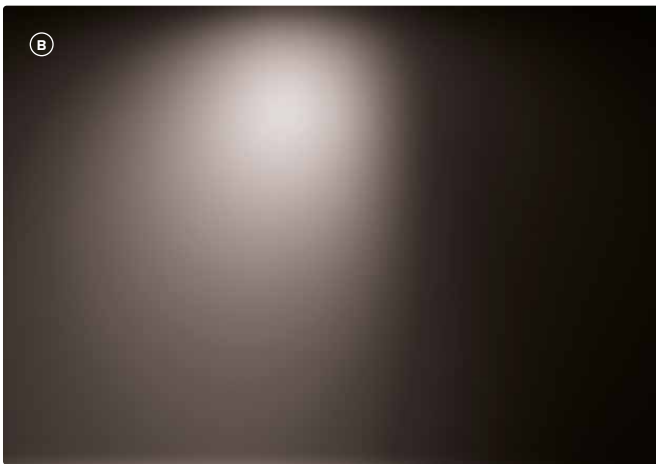
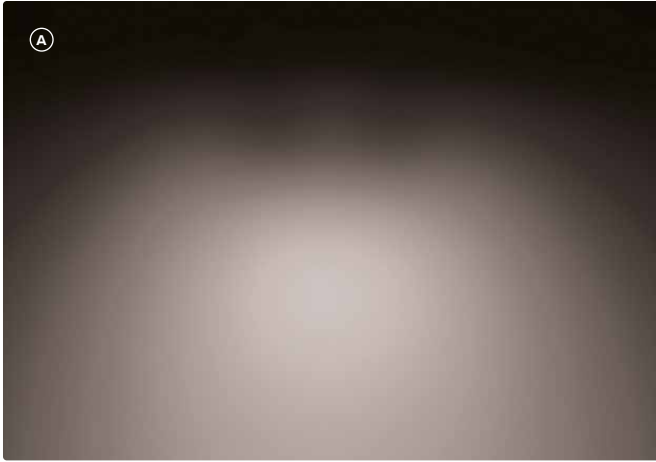
STILO WALL



Designed for wall applications STILO is suitable for architectural lighting of building facades, porticoes as well as lighting pedestrian walkways. All versions are available in mono or bio-emission. They can be equipped with four different optical solutions to produce a myriad of different lighting effects from purely graphic and defined effects, to wider beams to fill large spaces

							
Wall-mounted	Direct	Direct Indirect	Accent	Asymmetrical	Elliptical	3000K	4000K
INSTALLATION	EMISSION		LIGHT			COLOUR TEMPERATURE	
							
On-Off	220-240V	IP66	IK09				
CONTROL	POWER SUPPLY		PROTECTION RATING		RESISTANCE		
	110-277V power supply Cataphoresis treatment						
FINISH	ON REQUEST						





(A)
Elliptical emission
 Available with 24W or 35W power for grazing but filling effects at the same time, ideal for lighting facades.

(B)
Asymmetrical emission
 Available with 24W or 35W power for grazing effects where the effect goes deep, ideal for lighting porticoes. Installed for indirect emission to light vaulted ceilings and arches and direct emission for pedestrian areas.

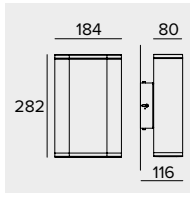
(C)
Narrow spot emission
 The board has three LED sources equipped with acrylic lenses, it has a particularly concentrated and defined effect that is suitable for lighting facades with just 8W power.

(D)
Graphic effects
 Defined, graphic effects, real light patterns on the wall from a blade light beam as thin as a pin, to wider, yet defined effects with beam angles of 30° and 90°.

Stilo Wall is available with four different optical solutions

STILO Wall Flat

220-240Vac | Ra80 | Fixture flux 3000K from 292lm to 5163lm





Emission	Optic	Driver	Colour	3000K	4000K
MONO-EMISSION 12W	NSP	ON-OFF	●	1E2556	1E2881
MONO-EMISSION 15W	EFF	ON-OFF	●	1E2882	1E2883
BI-EMISSION 20W	NSP-NSP	ON-OFF	●	1E2560	1E2887
BI-EMISSION 27W	EFF-EFF	ON-OFF	●	1E2888	1E2889
MONO-EMISSION 24W	ASY ELL	ON-OFF ON-OFF	● ●	1E2552 1E2554	1E2877 1E2879
MONO-EMISSION 35W	ASY ELL	ON-OFF ON-OFF	● ●	1E2553 1E2555	1E2878 1E2880
BI-EMISSION 48W	ASYM-ASYM ELL-ELL ELL-ASYM	ON-OFF ON-OFF ON-OFF	● ● ●	1E2557 1E2558 1E2559	1E2884 1E2885 1E2886

Note EFFECT Version: the fixture comes equipped with a 90° beam aperture. The beam can be shaped using shutter accessories. Accessory codes on page 611.

Accessory codes


STILO Wall Flat

Filter

Filter	Code	Colour	Code
	Red 1E3035		1E2576
	Green 1E3036		
	Blue 1E3037		
	Yellow 1E3038		
	Magenta 1E3039		

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).
NSP, EFFECT, ASYM, ELLIPTICAL

Blade of light filter.
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.
To be used with NSP optics.

Colour	Code
	1E2578

Anti-glare.
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.
To be used with NSP, ASY and ELLIPTICAL optics.


Shaper

Colour	Code	Colour	Code
	1E2901		1E2902

30° shutter.
Powder coated stainless steel plate.
EFFECT


Blade effect shutter.
PMMA plano convex cylindrical lens and powder coated stainless steel plate.
EFFECT

Screen

Colour	Code
	1E2580

Asymmetric screen.
Powder coated stainless steel.
To be used with NSP, EFFECT and ELLIPTICAL optics.

Mounting System

Colour	Code
	1E2906

Pole (Ø60mm) installation bracket.
Powder coated stainless steel.
NSP, ASYM, ELLIPTICAL

BOLLARDS

Outdoor

Bollards



MRS BO

614



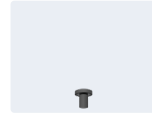
H. 1000mm



H. 800mm



H. 400mm



H. 150mm

MR BO

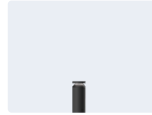
624



H. 1000mm



H. 800mm



H. 400mm

ZEDGE

632



PRO
H. 1000mm



PRO
H. 800mm



PRO
H. 400mm



H. 400mm

LUCERA

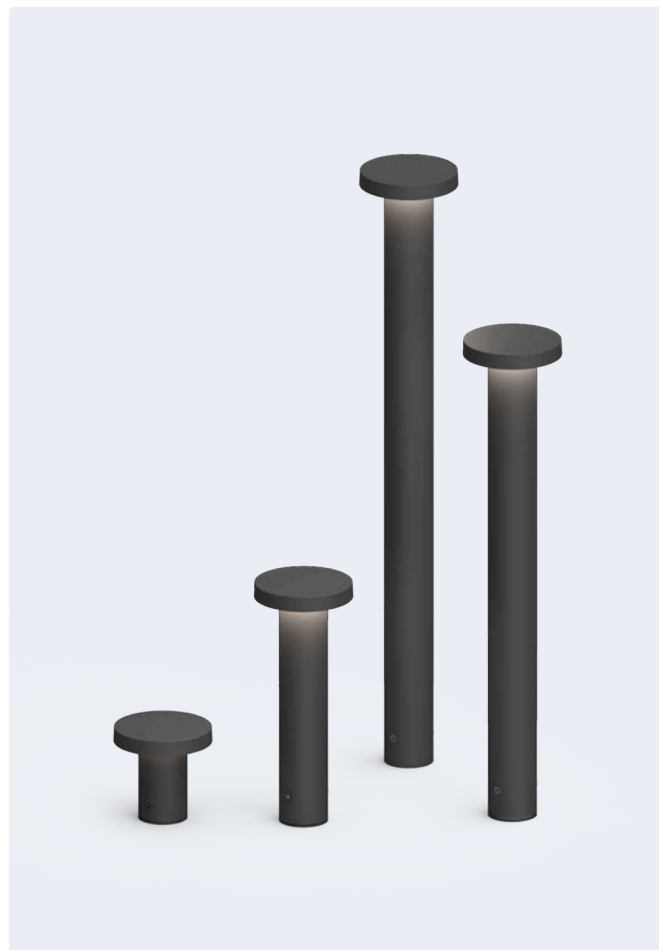
636

















H. 1000mm



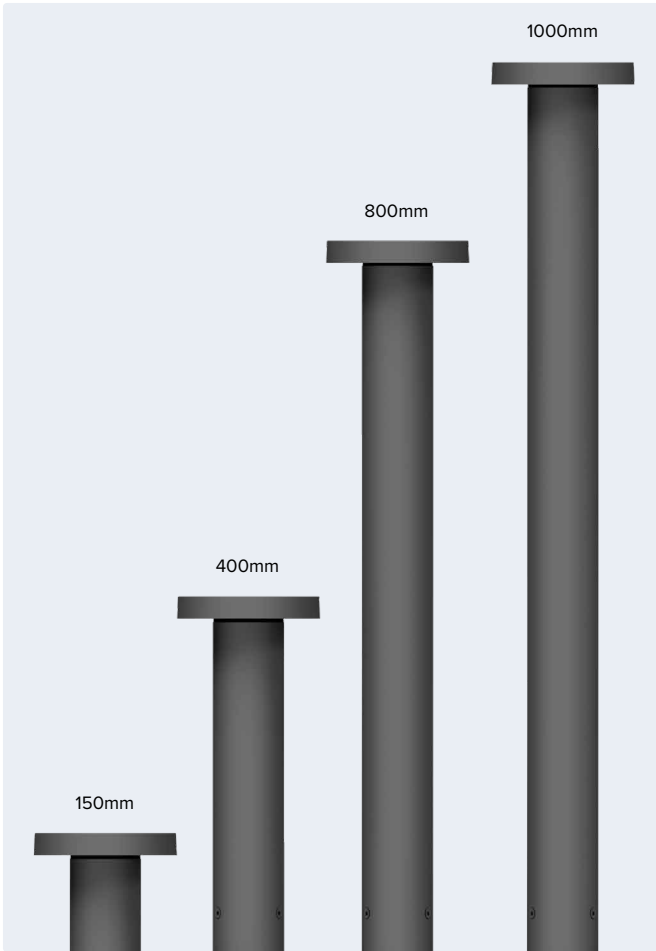
MRS BO BOLLARD



MRS BO the slender, with a proportionate and harmonious shape but with great strength and resistance, has light emissions compliant with all light pollution regulations.

					
Ground	Floor Washer	2700K	3000K	3500K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE			
					
On-Off	Dali	Casambi	220-240V	24V	Ferrite
CONTROL	POWER SUPPLY		FINISH		
	Cataphoresis treatment				
IP66	110-277V power supply				
INSULATION CLASS	ON REQUEST				Easy Custom Colours

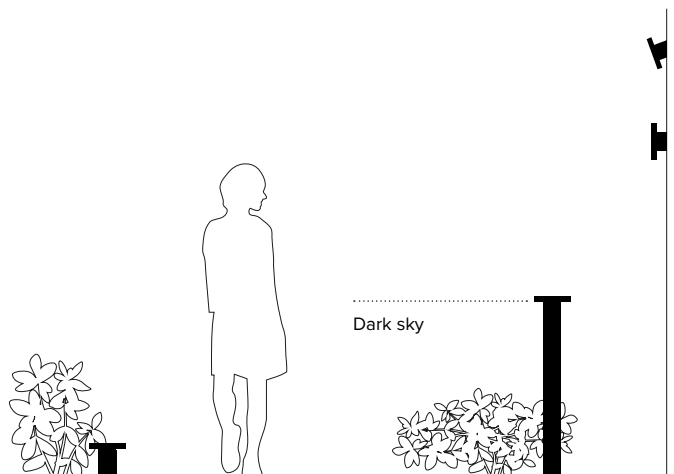


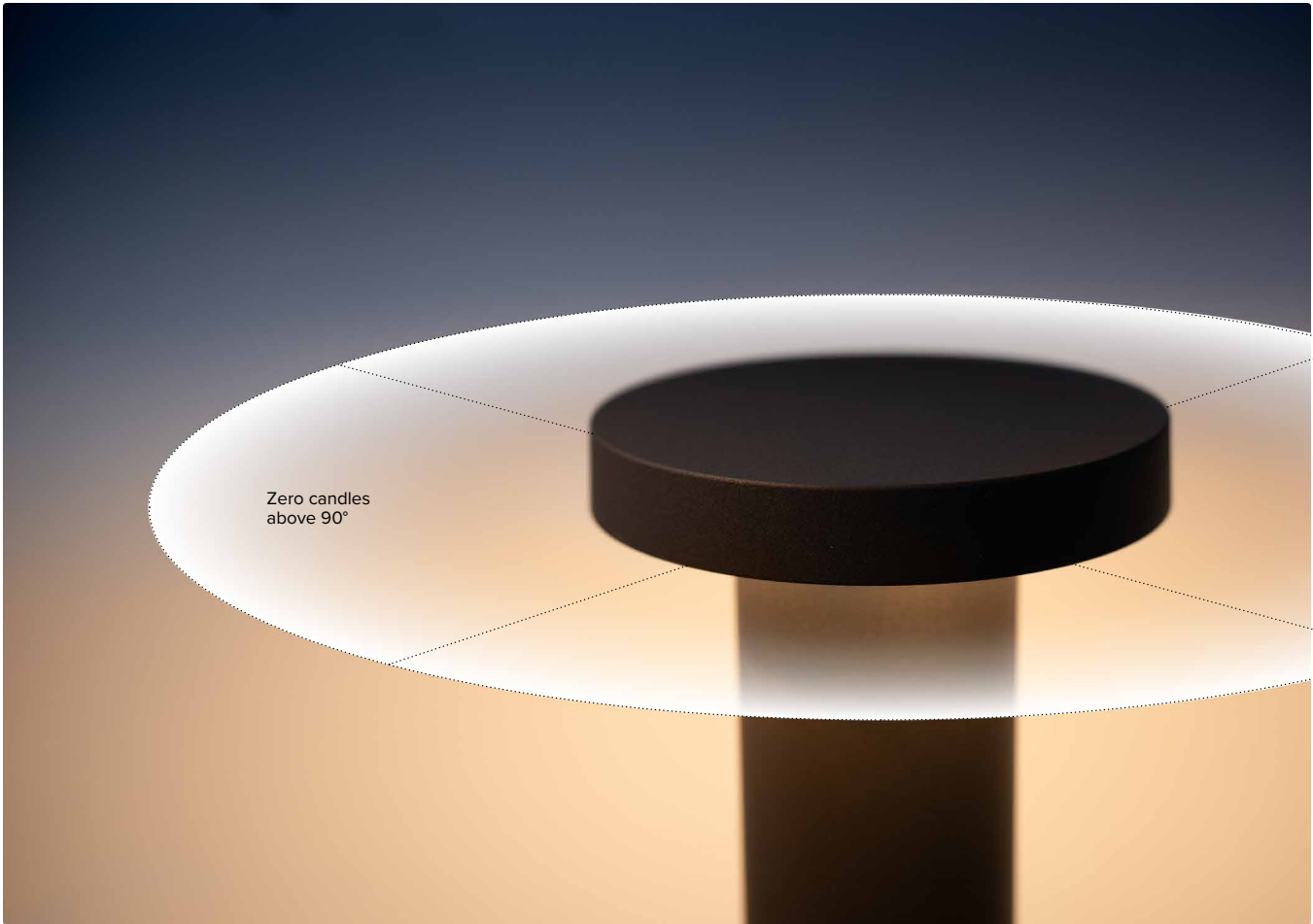


Different heights

There are three different poles that can be ordered separately, there is also the Path version of 150mm which is the only one where the optical head is already included with the pole. All versions must be completed with a fixing system.

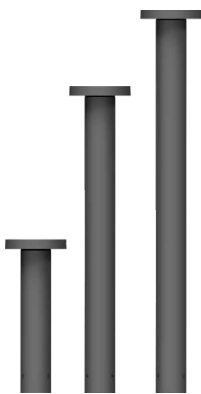
MRS BO bollard consists of different optical heads chosen based on the desired emission and poles of different heights. The MRS BO range is completed with wall-mounted versions for coordinated outdoor lighting.



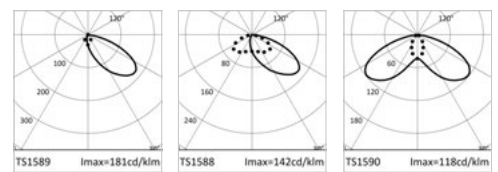


Compliant with light pollution regulations

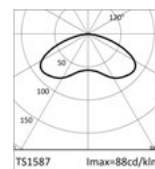
MRS BO fixtures are equipped with optical systems designed to guarantee no emissions above the horizontal axis: the light is not dispersed in space and is directed only where it is needed (0 candles for angles greater than 90°). This makes it possible to install MRS BO in all areas restricted by light pollution regulations. The beam is wide and deep so it is possible to maintain a wide pitch between fixtures while maintaining excellent uniformity of the lighting effect.



Mrs BO BOLLARD
 Up to 49lm/W
 From 236lm to 935lm
 2700K - 3000K - 3500K - 4000K
 Ra80



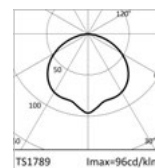
Radiale 90° Radiale 90°+90° Radiale 180°



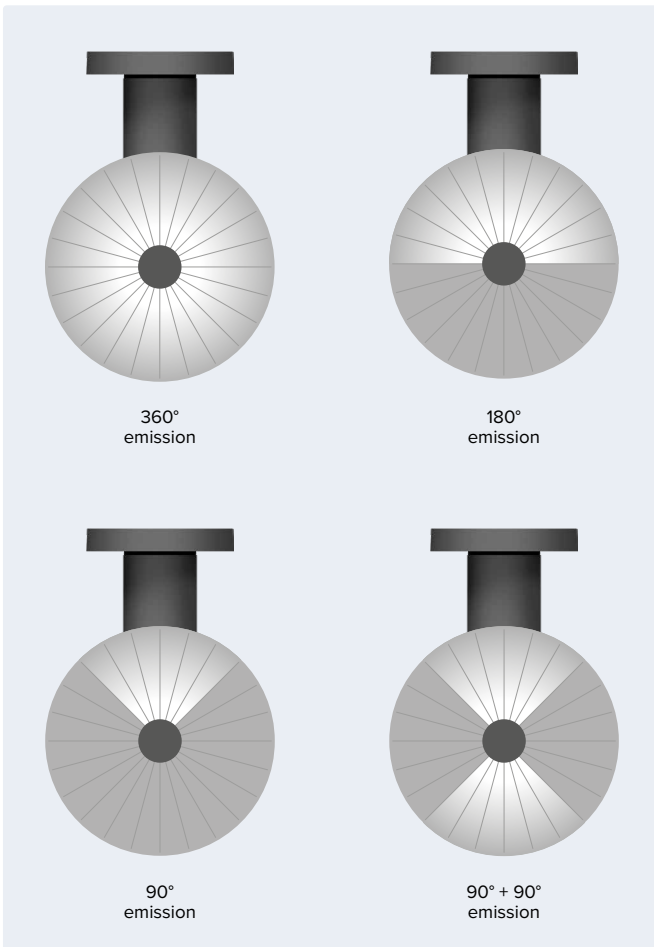
Radiale 360°



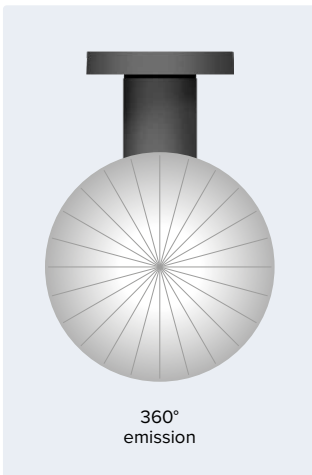
Mrs BO PATH
 Up to 40lm/W
 379lm
 2700K - 3000K - 3500K - 4000K
 Ra80



Radiale 360°



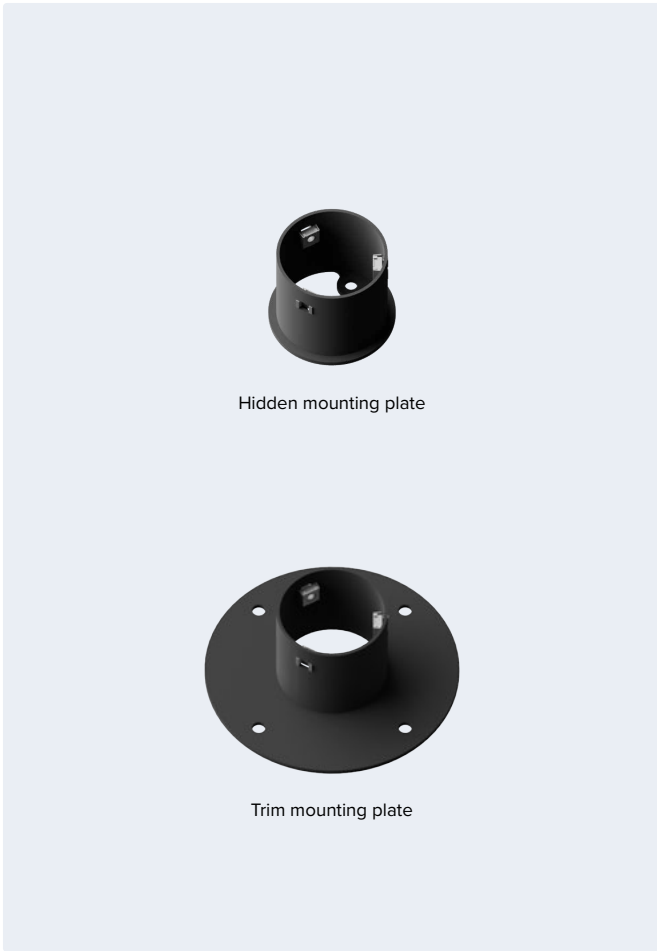
The 400-800-1000mm versions are available with 4 different optical systems and four colour temperatures. Suitable for installation on paths and for lighting walkways evenly, as well as along paths and walkways leaving the surrounding area in the shade.



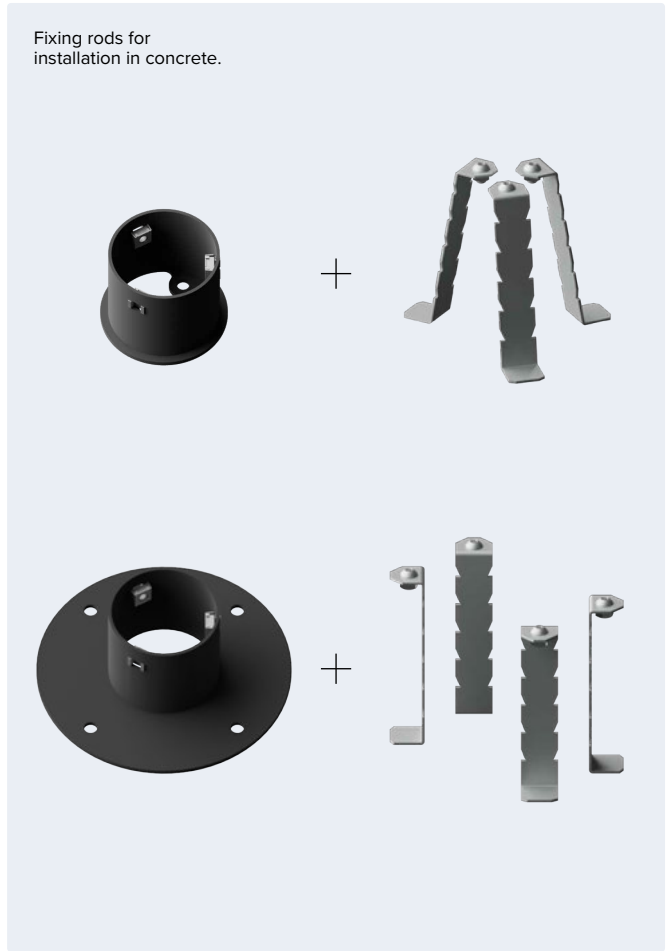
Mrs BO Path 150mm produces a single 360° radial emission in four different colour temperatures. It is suitable for step marker lighting.

High resistance

The slender and elegant shape hides the strength and resistance (IK10) of the fixture and makes it the ideal solution in any urban context, as a step marker or for lighting walkways, public parks and private gardens



Surface installation

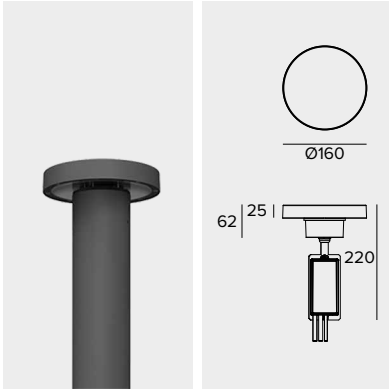


Recessed installation

All versions must be accessorised with a special mounting plate for free-standing installations and a plate plus fixing rods for anchored installation on a concrete base. The latter mode is recommended in public environments.

MRS BO BOLLARD Optic head

220-240Vac | Ra80 | Fixture flux 3000K from 236lm to 935lm

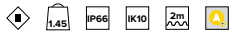


Emission	Driver	Colour	2700K	3000K	3500K	4000K
90° 9W	ON-OFF	●	1E4022EL	1E4023EL	1E4024EL	1E4025EL
	DALI	●	1E4022DA	1E4023DA	1E4024DA	1E4025DA
90°+90° 13W	ON-OFF	●	1E4026EL	1E4027EL	1E4028EL	1E4029EL
	DALI	●	1E4026DA	1E4027DA	1E4028DA	1E4029DA
180° 13W	ON-OFF	●	1E4018EL	1E4019EL	1E4020EL	1E4021EL
	DALI	●	1E4018DA	1E4019DA	1E4020DA	1E4021DA
360° 20W	ON-OFF	●	1E4014EL	1E4015EL	1E4016EL	1E4017EL
	DALI	●	1E4014DA	1E4015DA	1E4016DA	1E4017DA

Note Available with three different height poles - 371, 771 and 971mm - to be combined with the relative head available in four different versions - 360°, 180°, 90°, 90°+90°.
To be completed with a stainless steel anchoring system, available in two versions with hidden plate or surface plate for installation with dowels.
On both mounting options can be applied stainless steel rods for installation in concrete.
Related codes and accessory codes on page 621.

MRS BO PATH

24Vdc | Ra80 | Fixture flux 3000K 379lm



Emission	Colour	2700K	3000K	3500K	4000K
RADIAL 10W	●	1E4353	1E4354	1E4355	1E4356

Note To be completed with a hidden stainless steel anchoring plate for installation with dowels.
It is possible to combine accessory stainless steel rods for installation in concrete.
Related codes and accessory codes on page 622.

Related codes and accessories

MRS BO BOLLARD

Related codes

Bollard

	Kg	H mm	Colour	Code
	0.8	371	●	1E4030
	1.6	771	●	1E4031
	2	971	●	1E4032

Extruded aluminium body covered with cataphoresis protective treatment and coated with powder painting.

Mounting System

	Code		Code
	1E4034		1E4360
Fixing rods for installation in concrete. AISI 316 stainless steel. H=144mm. 0.31Kg. To install MRS BO BOLLARD with hidden fixing plate (1E4360).		Hidden fixing plate. AISI 316 stainless steel compatible with dowels to be inserted into holes with 8mm diameter. 0.3Kg.	

Related codes and accessories

MRS BO BOLLARD

Related codes


Mounting System

	Code		Code
	1E3450		1E4035
	Fixing rods for installation in concrete. AISI 316 stainless steel. H=147mm. 0.36Kg. To install MRS BO BOLLARD with fixing plate with flange (1E4035).		Fixing plate with flange. AISI 316 stainless steel compatible with dowels to be inserted into holes with 8.5mm diameter. 0.62Kg.


Accessory codes

Connector

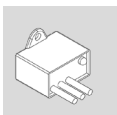
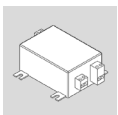
	Code		Code
	1E2769		1E2494
	Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.

	Code
	1E3184
	IP68 4-way cable connector (5 pole).

Tool

	Code
	1E3305
	Tightening wrench for the connector kit.

Surge protector

	Code		Code
	A013B		A013D
	Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67		Surge protector compatible with CLASS II lighting fixtures, DALI, DMX, 0-10V datalines compliance. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP65

Related codes and accessories

MRS BO PATH

Related codes

Mounting System

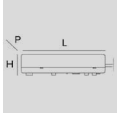
	Code		Code
	1E4034		1E4360
	Fixing rods for installation in concrete. AISI 316 stainless steel. H=144mm. 0.31Kg. To install MRS BO PATH with hidden fixing plate (1E4360).		Hidden fixing plate. AISI 316 stainless steel compatible with dowels to be inserted into holes with 8mm diameter. 0.3Kg.

Related codes and accessories

MRS BO PATH

Related codes



Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	79x25x38	14,4W	220-240Vac	24Vdc	IP67	1E4359
	185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588



Electronic power supply.
1E4359 driver fits for integrating into the pole using 1E4184 connector.

Accessory codes

Connector

	Code		Code
	1E4358		1E4184
Connection box - Connection in parallel 1IN-2OUT.		Connection kit 24/48V.	

Tool

	Code		Code
	1E4171		1T6581
Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring 1E4184 connection kit.		Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20	

Control systems

Related codes and accessories

MRS BO | Codes compatible with the whole range

Accessory codes














Control systems

	Code		Code
	1E3048		1E4369
IP67 wireless control unit with DALI interface. More details on page 672.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

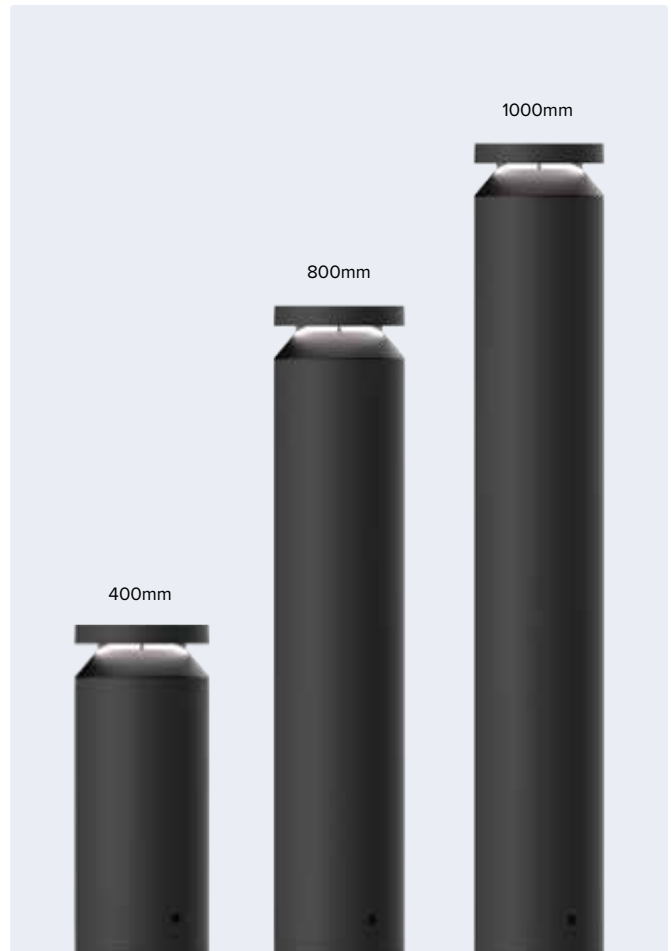
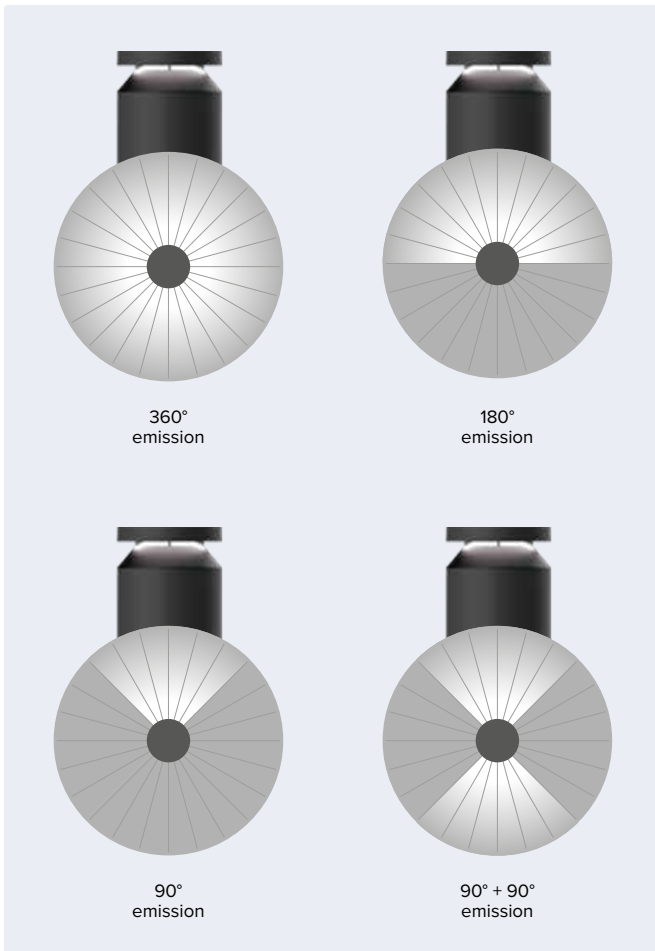
MR BO



MR BO is a bollard that is specially designed for professional applications. The mechanical features (IK10), excellent performance, high efficiency, the variety of lighting effects and the possibility to have emissions equal to 0 cd/klm at 90° make it particularly suitable for installations in public environments.

				
Ground	Floor Washer	2700K	3000K	4000K
INSTALLATION	LIGHT	COLOUR TEMPERATURE		
				
On-Off	Dali	Casambi	220-240V	Ferrite
CONTROL	POWER SUPPLY		FINISH	
				
IP66	IK10	Easy Custom Colours		
PROTECTION RATING	RESISTANCE	ON REQUEST		
		3500K CRI 90 110-277Vac power supply Cataphoresis treatment		



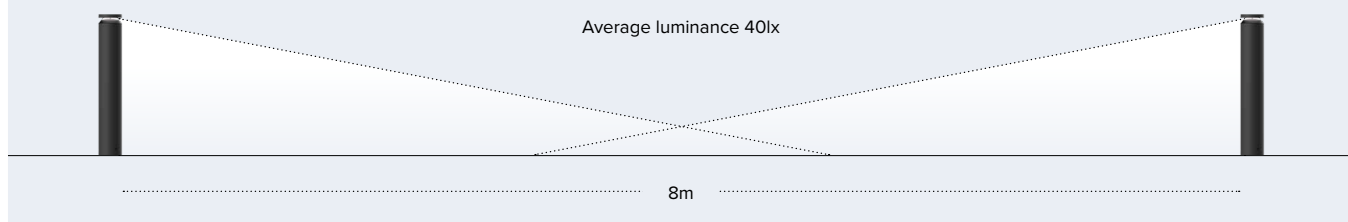


Perfect light emission control
 Four different optical heads for the same number of radial emissions from 90° to 360° to be combined with the poles available for a finished product height of 400mm, 800mm and 1000mm.

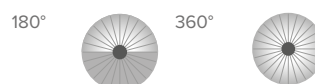
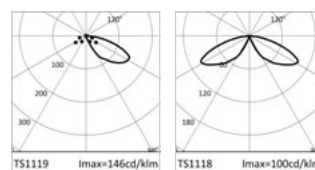
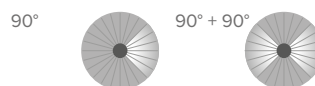
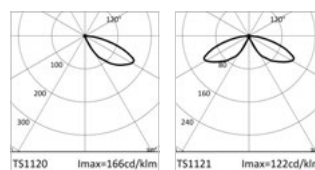
Lighting effects

The highly controlled radial emission avoids the risk of glare, whilst ensuring deep lighting on pedestrian walkways.

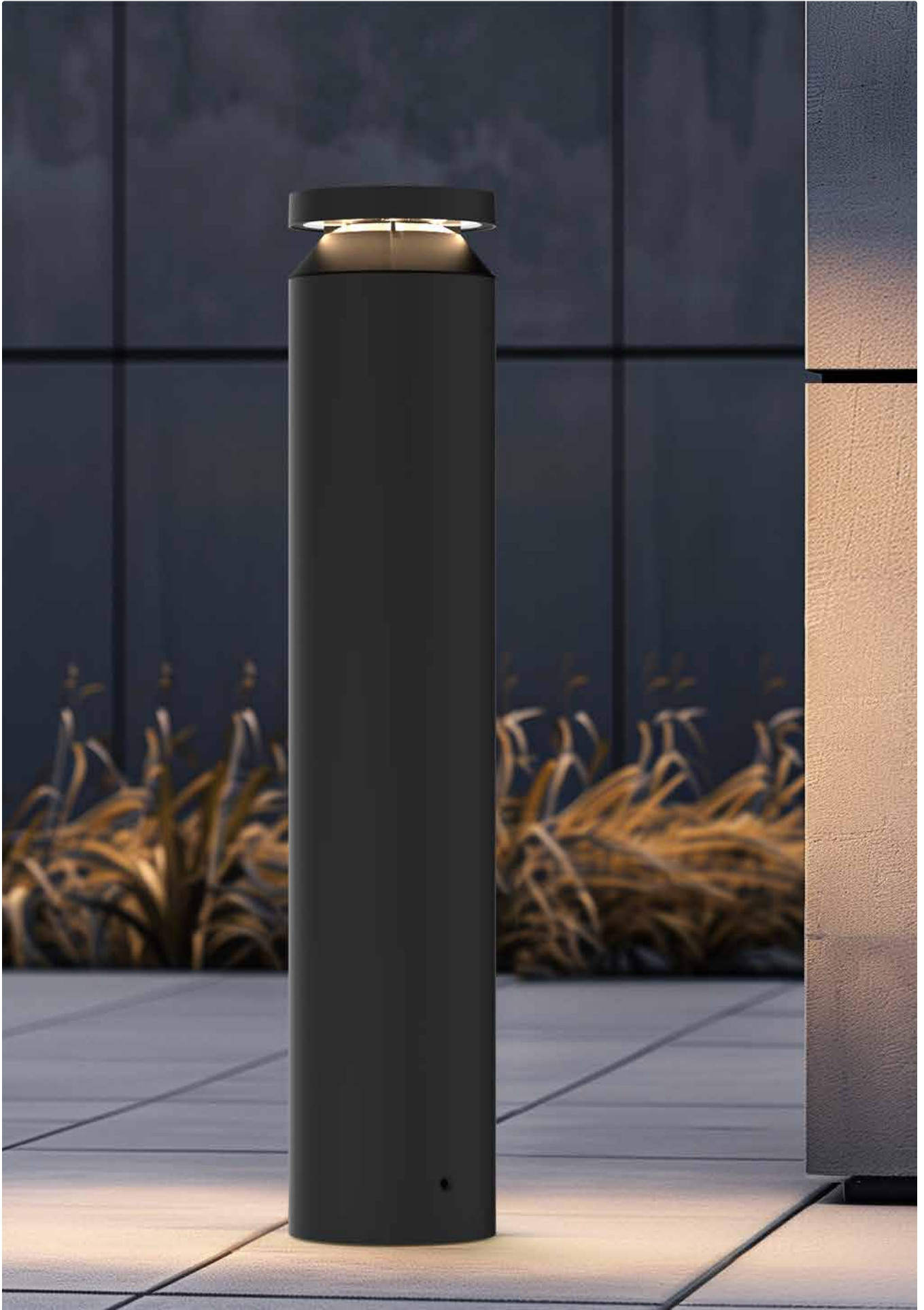
Excellent lighting performance
 The high quality of the optical system developed for MR BO makes it possible to obtain a distance of 8m between one fixture and another and an average luminance of 40lx.

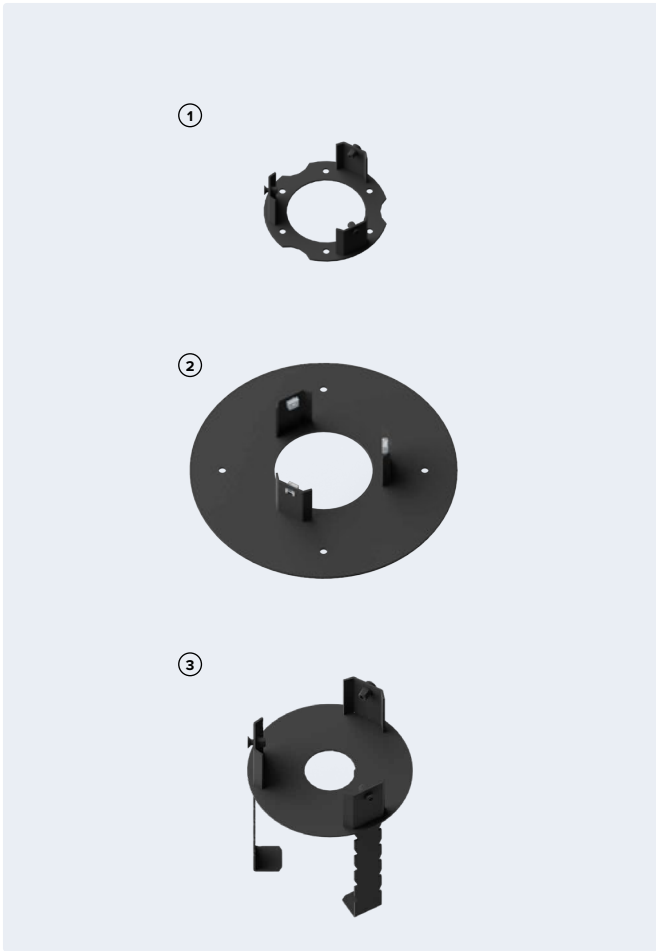


MR BO
 Up to 48lm/W
 From 216lm to 1221lm
 2700K - 3000K - 4000K
 Ra80



* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.





Fixing system

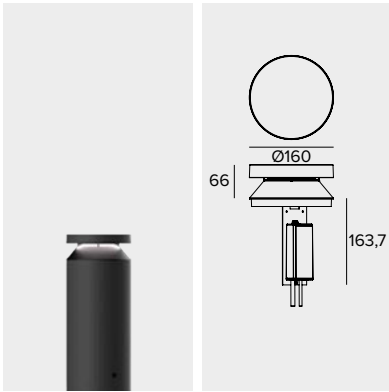
1. A retractable plate for surface installation. The plate is not visible when it is installed in the ground.
2. A large plate for surface installation. The plate remains visible even when the product is installed.
3. Plate for installation with fixing rods for installation in concrete.

Perfect light emission control

Thanks to the new accessory for light pollution control MR BO ensures emissions equal to 0 cd/klm to 90° and beyond, thus respecting national and international requirements for light pollution control. This makes MR BO ideal above all for urban-public environments, where regulations on light pollution are stricter.

MR BO Optic head for bollard H. 334mm

220-240Vac | Ra80 | Fixture flux 3000K from 216lm to 916lm



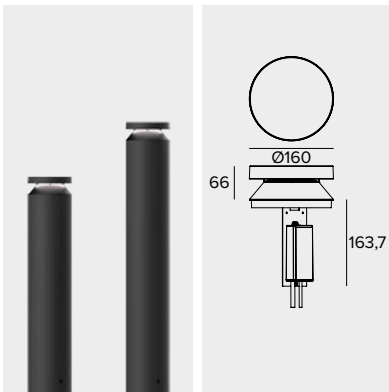
Emission	Driver	Colour	2700K	3000K	4000K
90° 9W	ON-OFF	●	1E3428EL	1E3429EL	1E3430EL
	DALI	●	1E3428DA	1E3429DA	1E3430DA
90°+90° 13W	ON-OFF	●	1E3431EL	1E3432EL	1E3433EL
	DALI	●	1E3431DA	1E3432DA	1E3433DA
180° 13W	ON-OFF	●	1E3425EL	1E3426EL	1E3427EL
	DALI	●	1E3425DA	1E3426DA	1E3427DA
360° 20W	ON-OFF	●	1E3422EL	1E3423EL	1E3424EL
	DALI	●	1E3422DA	1E3423DA	1E3424DA

Note

Available with three different height poles - 334, 734 and 934mm - to be combined with the relative head available in four different versions - 360°, 180°, 90°, 90°+90° (the same code for the 800 and 1000mm, specific code for the 400mm).
To be completed with a stainless steel anchoring system, available for the double version with a plate for installation with dowels or with fixing rods for installation in concrete.
Related codes and accessory codes on page 630.

MR BO Optic head for bollard H. 734/934mm

220-240Vac | Ra80 | Fixture flux 3000K from 310lm to 1221lm



Emission	Driver	Colour	2700K	3000K	4000K
90° 13W	ON-OFF	●	1E3416EL	1E3417EL	1E3418EL
	DALI	●	1E3416DA	1E3417DA	1E3418DA
90°+90° 20W	ON-OFF	●	1E3419EL	1E3420EL	1E3421EL
	DALI	●	1E3419DA	1E3420DA	1E3421DA
180° 20W	ON-OFF	●	1E3413EL	1E3414EL	1E3415EL
	DALI	●	1E3413DA	1E3414DA	1E3415DA
360° 28W	ON-OFF	●	1E3410EL	1E3411EL	1E3412EL
	DALI	●	1E3410DA	1E3411DA	1E3412DA

Note

Available with three different height poles - 334, 734 and 934mm - to be combined with the relative head available in four different versions - 360°, 180°, 90°, 90°+90° (the same code for the 800 and 1000mm, specific code for the 400mm).
To be completed with a stainless steel anchoring system, available for the double version with a plate for installation with dowels or with fixing rods for installation in concrete.
Related codes and accessory codes on page 630.

Related codes and accessories

MR BO

Related codes

Bollard

	Kg	H mm	Colour	Code
	1.4	334	●	1E3434
	3	734	●	1E3435
	3.8	934	●	1E3436

Powder coated anodised aluminium pole.

Mounting System


	Code		Code
	1E3448		1E3449
Plate with fixing rods for installation in concrete. AISI 316 stainless steel. 0.54Kg.		Plate for surface installation (inside the pole). AISI 316 stainless steel compatible with dowels to be inserted into holes with 8.5mm diameter. 0.3Kg.	

Related codes and accessories

MR BO

Related codes

Mounting System

	Code
	1E3510
<p>Plate for surface installation (outside the pole). AISI 316 stainless steel compatible with dowels to be inserted into 4 holes with 22mm diameter. 1.1Kg.</p>	

Accessory codes

Dark Sky

	Colour	Code
		1E4036
<p>Dark Sky optical accessory. Reduces light spill above the horizon to 0 cd/klm, allowing the matching of national and international regulations on reduction of light pollution. Made in stainless steel, allows a high resistance to both atmospheric agents and mechanical actions. The accessory must be mounted outside the bollard MR BO.</p>		



Connector

	Code		Code
	1E2769		1E2494
<p>Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm². Cable diameter range from 7 to 12mm.</p>		<p>Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm². Cable diameter range from 6 to 12mm.</p>	

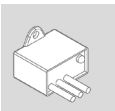
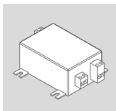
Tool

	Code
	1E3305
<p>Tightening wrench for the connector kit.</p>	

Control systems

	Code		Code
	1E3048		1E4369
<p>IP67 wireless control unit with DALI interface. More details on page 672.</p>		<p>IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.</p>	














Surge protector

	Code		Code
	A013B		A013D
<p>Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67</p>		<p>Surge protector compatible with CLASS II lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP65</p>	

ZEDGE BOLLARD



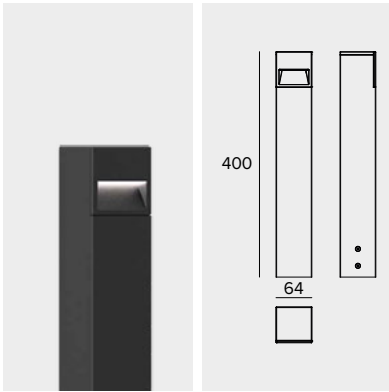
Zedge Bollard is part of the Zedge range for lighting pedestrian areas developed in collaboration with the architecture and design firm Gensler. The 24V bollard version is sleek and compact, it has a floor washer optic and is suitable for lighting small pedestrian walkways and passageways. To be completed with a special fixing system and a remote driver. Dimmable through the specific accessory.

					
Ground	Floor Washer	2700K	3000K	3500K	4000K
INSTALLATION		COLOUR TEMPERATURE			
					
On-Off	Dali	Casambi	24V	Ferrite	Easy Custom Colours
CONTROL			POWER SUPPLY	FINISH	
	110-277V Power Supply Cataphoresis treatment				
INSULATION CLASS	ON REQUEST				



ZEDGE Bollard

24Vdc | Ra90 | Fixture flux 3000K 181lm



Power	Colour	2700K	3000K	3500K	4000K
4W		1E389690	1E389790	1E389890	1E389990

Note Related codes and accessory codes on page 634.

Related codes and accessories

ZEDGE Bollard

Related codes

Mounting System

	Code		Code
	1E3740		1E3741
AISI 316 stainless steel plate with fixing rods for installation in concrete.		AISI 316 stainless steel plate for surface installation. Can be used with 1E3450 fixing rods.	

	Code
	1E3450
Fixing rods for installation in concrete. AISI 316 stainless steel. H=147mm. 0.36Kg. For Zedge Bollard installation with plate 1E3741.	

Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
	230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
	238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588
Electronic power supply.						

	Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
	122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL
Electronic power supply.						

Accessory codes

Connector

	Code		Code
	1E2769		1E2494
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.		Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	


Outdoor

Related codes and accessories

ZEDGE Bollard

Accessory codes


Connector


	Code
	1E2493
Linear connection box IP68. 4 poles max. wire section 2.5mm ² . Cable diameter range from 7 to 12mm.	


Tool

	Code
	1E3305
Tightening wrench for the connector kit.	

Control systems

	Code
	1T6581
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20	

















	Code
	1E3048
IP67 wireless control unit with DALI interface. More details on page 672.	

	Code
	1E4369
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

LUCERA BOLLARD

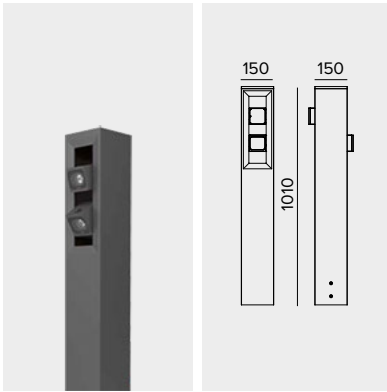


Professional bollard for precise and defined lighting of green areas and urban areas. It is able to adapt to the specific needs of the outdoor space in terms of safety, efficiency and versatility. The optical body is composed of two adjustable projectors available with 4 light distributions, four colour temperatures and in the Tunable White versions or with RGBW dynamic light. To be completed with the appropriate fixing system. Lucera is also available in a pole-mounted version.

								
Surface	Accent	Soft controlled	2700K	3000K	3500K	4000K	Tunable White 2700K-5000K	RGBW
INSTALLATION			COLOUR TEMPERATURE					
								
Dali	Dali DT8	DMX	120-240V	Ferrite	Easy Custom Colours	IP66		
CONTROL			POWER SUPPLY		FINISH		INSULATION CLASS	

LUCERA Bollard

120-240Vac | Ra80 | Fixture flux 3000K from 1268lm to 1416lm

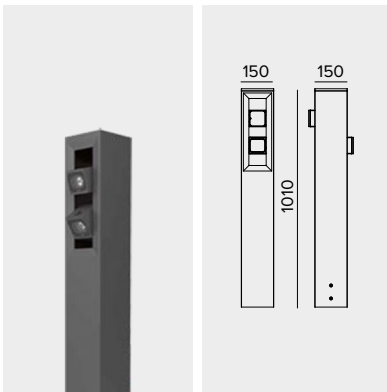


Product	Optic	Ra+K	Driver	Colour
E007	SP SP 17° - 16W	827 Ra80 2700K	DA DALI	FE ●
	NF FL 28° - 16W	830 Ra80 3000K		
	FL FL 37° - 16W	835 Ra80 3500K		
	MF MWFL 47° - 16W	840 Ra80 4000K		

Note Related codes and accessory codes on page 638.

LUCERA Bollard RGBW

120-240Vac | Fixture flux up to 622lm | RGBW W=6500K

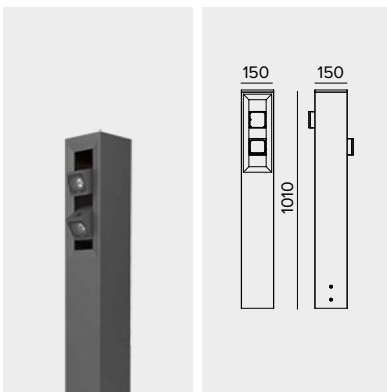


Product	Optic	Ra+K	Driver	Colour
E008	SP NSP 10° - 26W	RGW RGBW	MX DMX RDM	FE ●
	NF FL 24° - 26W			
	FL FL 31° - 26W			
	MF MWFL 44° - 26W			

Note Related codes and accessory codes on page 638.

LUCERA Bollard TW

120-240Vac | Ra80 | Fixture flux from 498lm to 746lm



Product	Optic	Ra+K	Driver	Colour
E009	SP SP 18° - 10W	TUW Tunable White	D8 DALI DT8	FE ●
	NF FL 26° - 10W			
	FL FL 33° - 10W			
	MF MWFL 46° - 10W			

Note Related codes and accessory codes on page 638.


Related codes and accessories

LUCERA Bollard RGBW

Accessory codes

Control systems

	Code		Code
	1E2767		1T1898
USB-RDM Programmer code. More details on page 678.		my-SCENARIO Show Store. More details on page 678.	

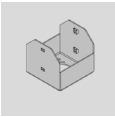
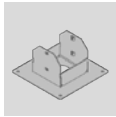
	Code
	1T6499
myScenario Wall. More details on page 678.	

Related codes and accessories

LUCERA | Codes compatible with the whole range


Related codes

Mounting System

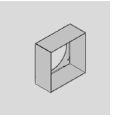
	Colour	Code		Colour	Code
	●	A012AFE		●	A012CFE
Hidden fixing plate. Powder coated stainless steel.			Fixing plate with flange. Powder coated stainless steel.		


Accessory codes

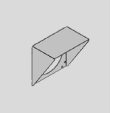
Mounting System

	Code
	A012B
Fixing rods for stainless steel fixing plate.	

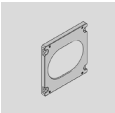
Screen

	Colour	Code
	●	A011AFE
Symmetric screen. Powder coated stainless steel.		

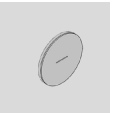
	Colour	Code
	●	A011BFE
Anti-glare louver. Powder coated stainless steel.		

	Colour	Code
	●	A011CFE
Asymmetric screen. Powder coated stainless steel.		

Holder Ring

	Colour	Code
	●	A011DFE
Holder ring. Powder coated aluminium.		

Filter

	Code
	A011E
Blade of light filter. To be completed with holder ring.	

POLE SYSTEMS

Outdoor

Pole systems



LUCERA

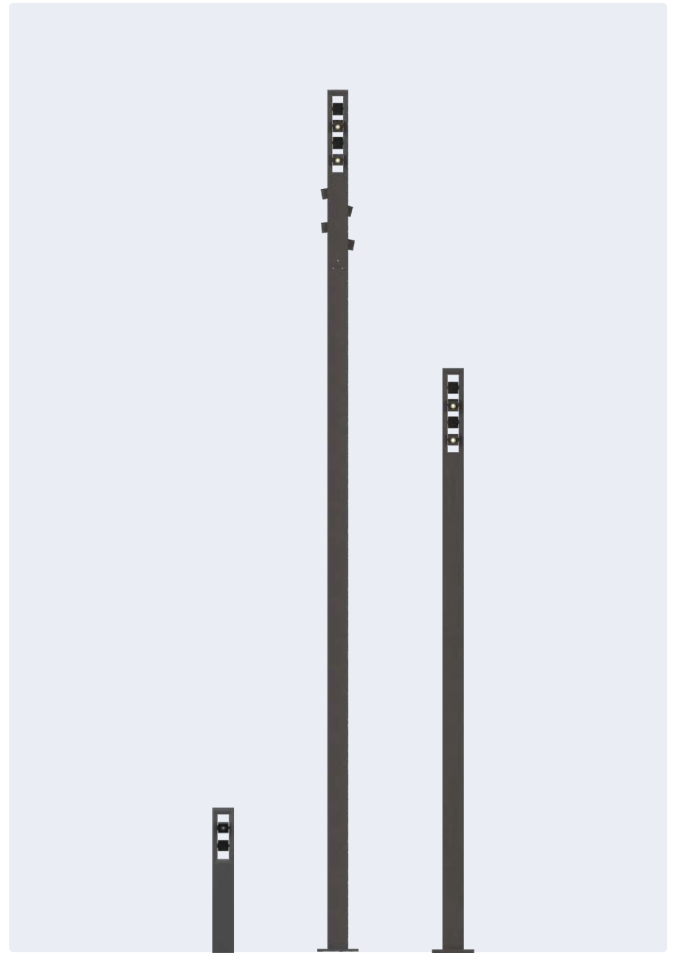
642



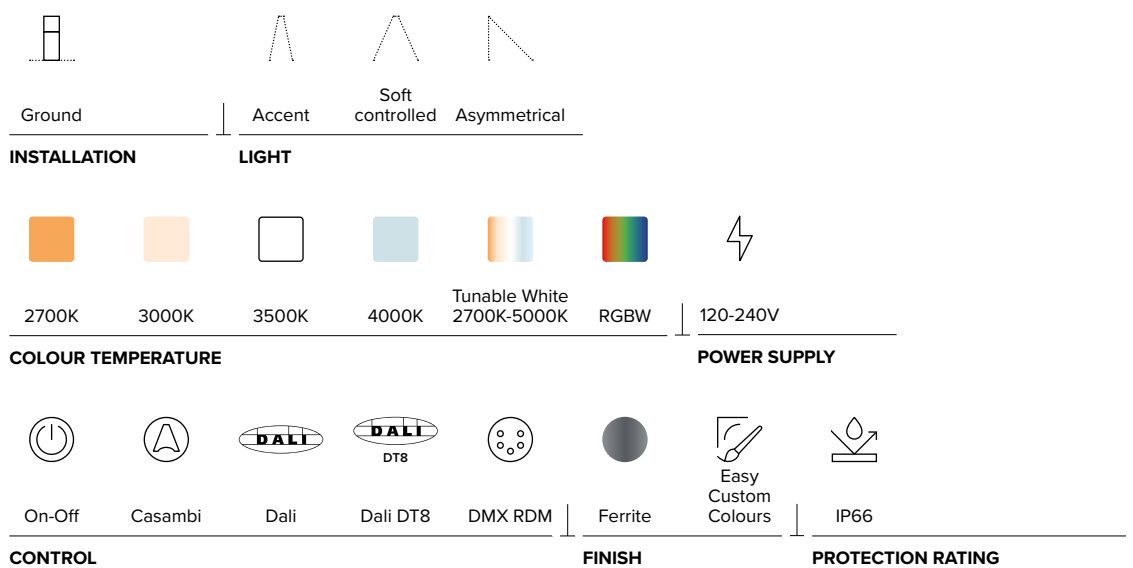
H. 3500mm
H. 5000mm



LUCERA



The LUCERA system was developed to provide an extremely flexible solution for lighting modern urban areas able to adapt to the specific needs of outdoor spaces in terms of safety, efficiency and versatility. LUCERA is a fully customisable modular system in height, optical distribution, and adjustability.









**Section**

15cmx15cm

The extruded aluminium optical head has a square shaped section with two screens and two holes for projectors with a flared frame. Fixed or adjustable projectors are housed inside.

Fixed optical heads

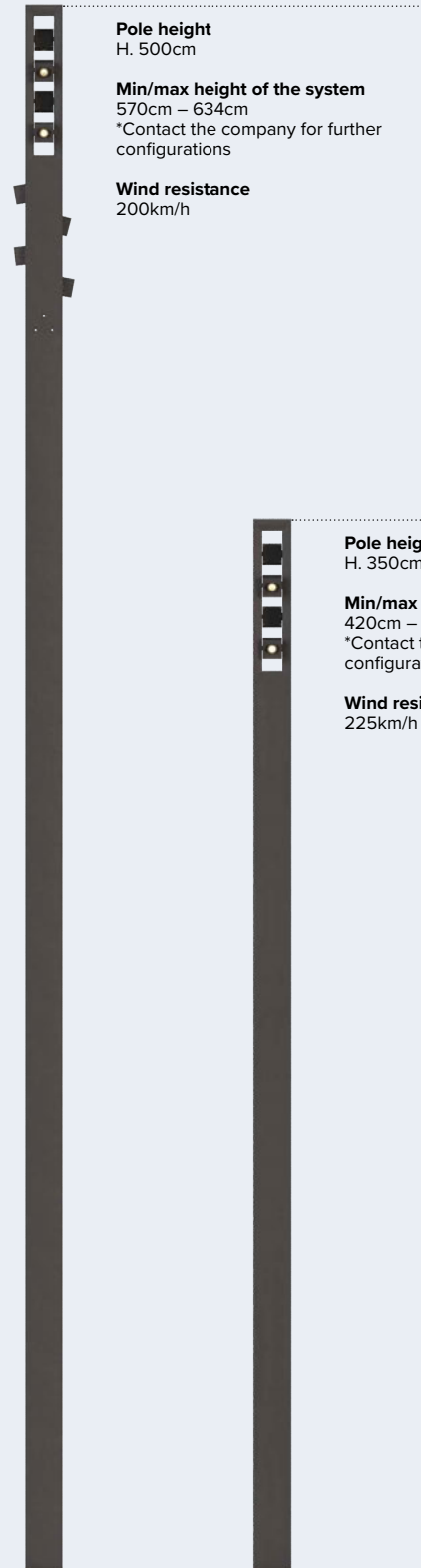
Type I
Type II
Type III
Type IV
Type V

Adjustable optical heads

SP 17°
FL 28°
FL 37°
MWFL 47°

LED

2700K
3000K
3500K
4000K
Tunable White
RGBW



Pole height
H. 500cm

Min/max height of the system
570cm – 634cm
*Contact the company for further configurations

Wind resistance
200km/h

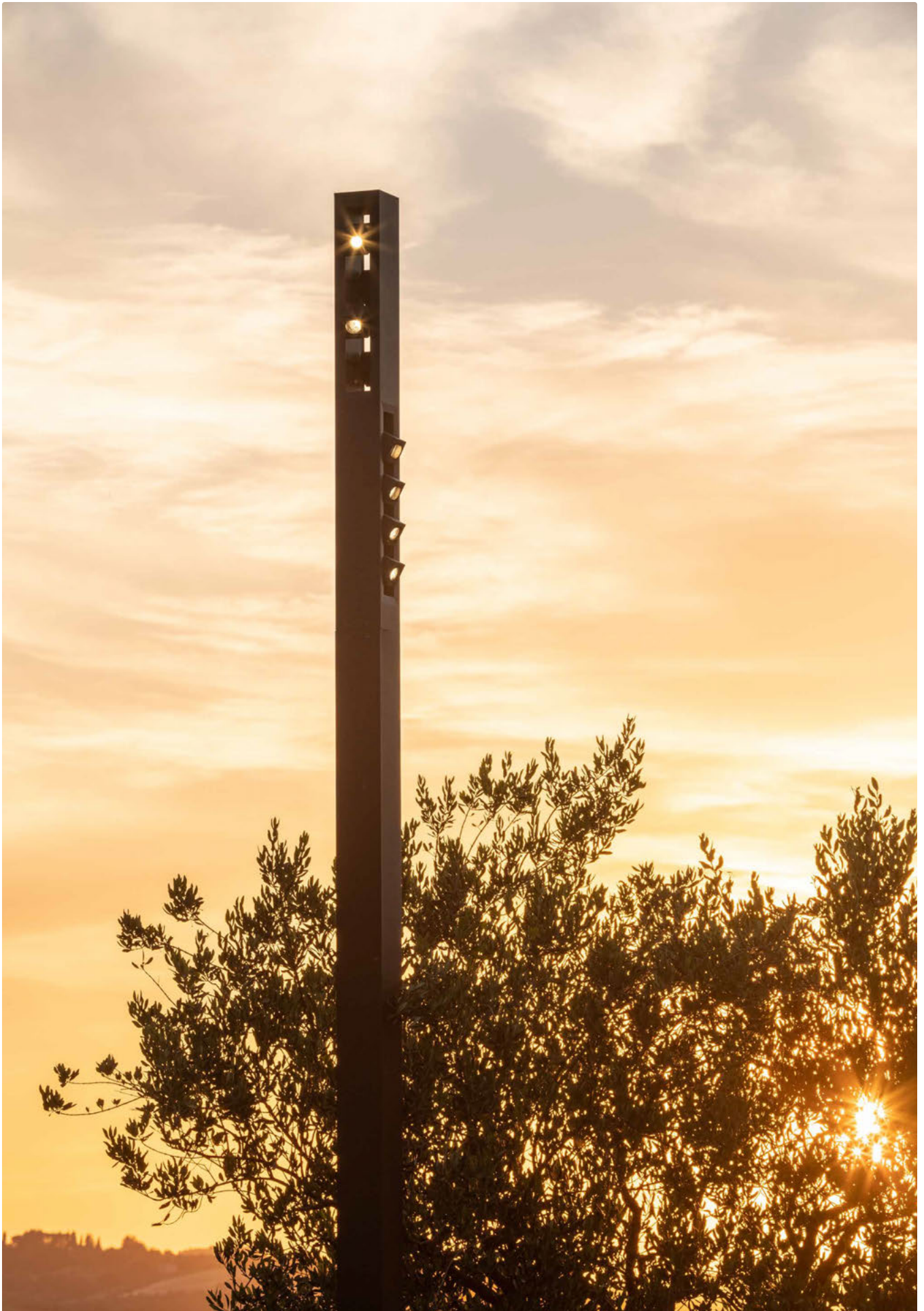
Pole height
H. 350cm

Min/max height of the system
420cm – 485cm
*Contact the company for further configurations

Wind resistance
225km/h

BOLLARD
H 100cm

This minimal shape system is available in two pole heights, combinable with fixed and adjustable optical heads to obtain new lighting effects that include light distributions for pedestrian paths and driveways (Type I-V) and 4 different beam openings for the adjustable versions. 4 different colour temperatures, Tunable White and RGBW light sources complete the range.

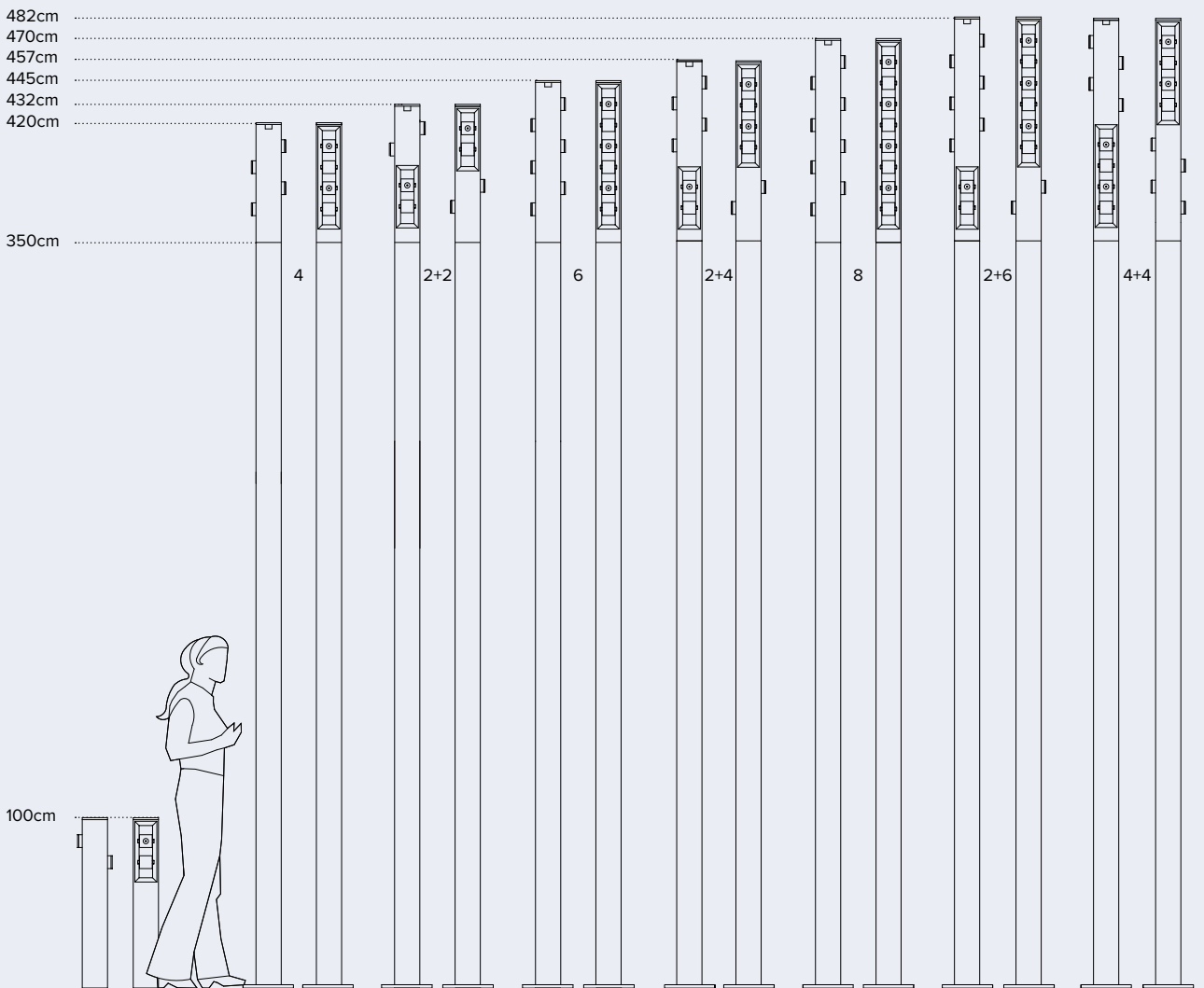


POLE HEIGHT

POLE HEIGHT

100cm
(Bollard)

350cm

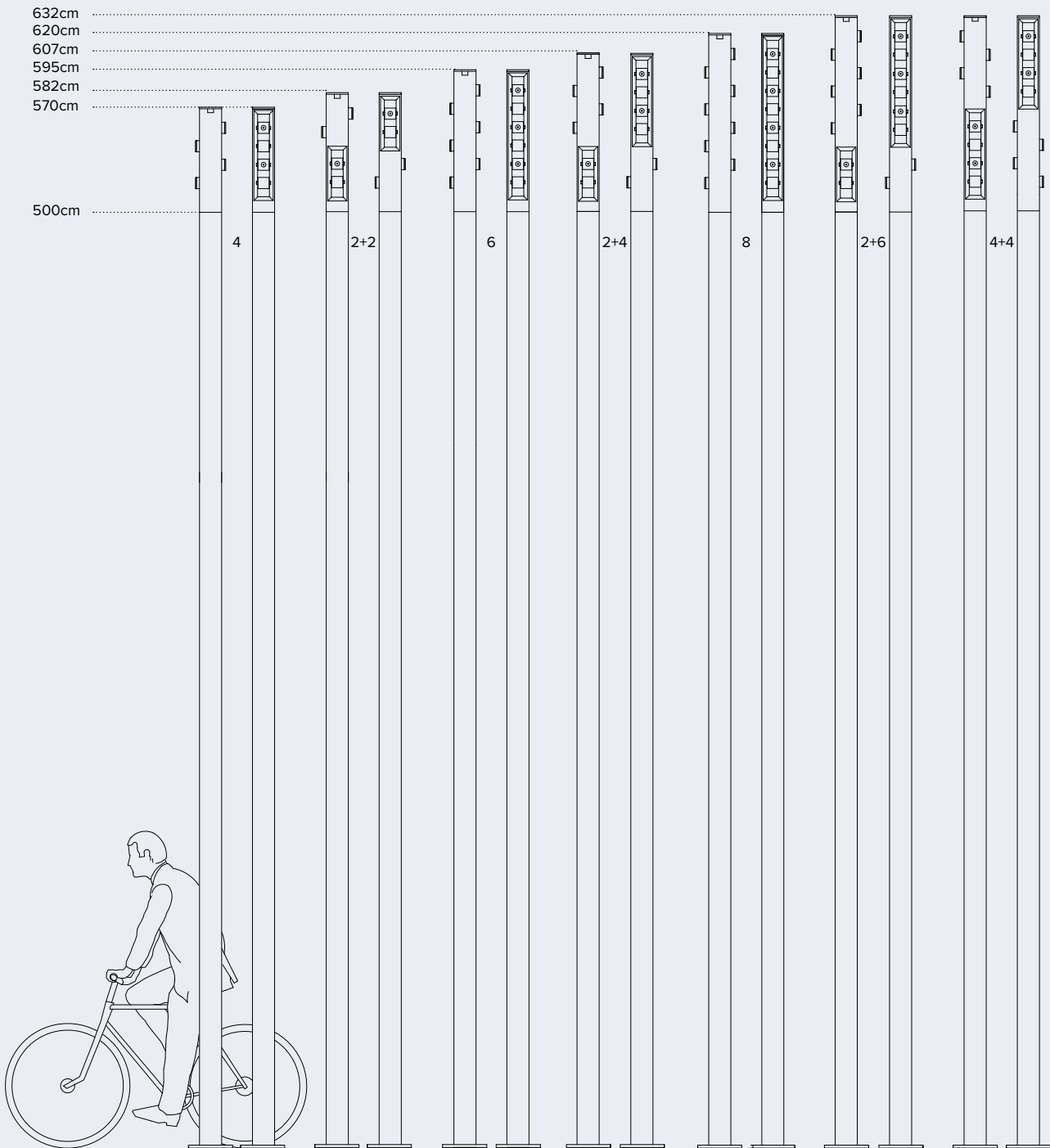


Configurations

The different combinations with two different height poles and the optical heads available make it possible to create LUCERA configurations that best suit the space to be lit.

POLE HEIGHT

500cm





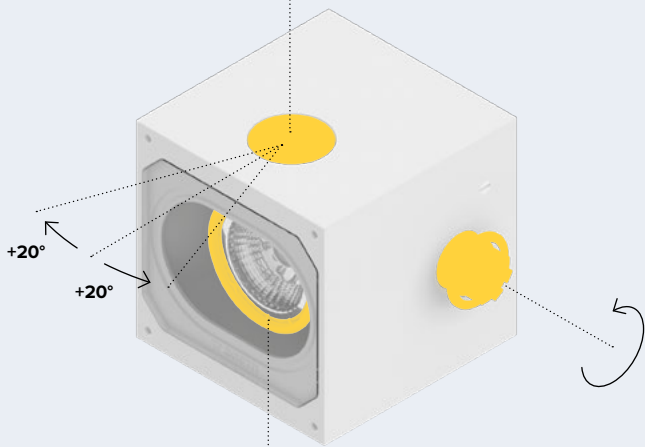
Maximum flexibility

Every projector can be rotated by 359° with a vertical tilt and translated from one side of the pole to the other, remaining flush or protruding. In addition to this the internal optical body can be rotated by +/-20° on the horizontal plane.

Adjustable optics

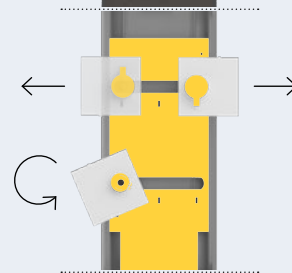
The range of optical heads with adjustable light units provides the most suitable solutions for particular project requirements, providing both general and accent lighting.

+/-20°
Adjustability of the optical body on the horizontal plane



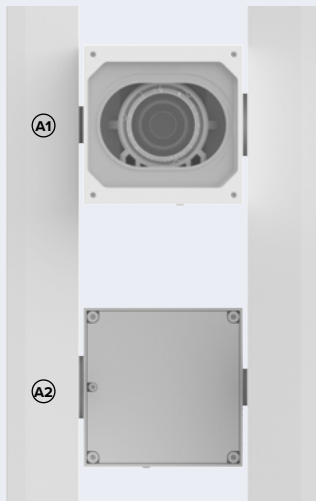
It can be moved from one side to the other

359°
Tilt on the vertical plane



Beam opening

- SP (17°)
- FL (28°)
- FL (37°)
- MWFL (47°)



A1 – A2

The optical head must be equipped with a pair of projectors that are available with 4 different beam openings.



Every pole can be equipped with 4, 6 or 8 projectors positioned on a single axis or on two axes, for maximum project flexibility.

4
Four projectors on the same axis

2+2
Two projectors on one axis and two projectors positioned on the other

6
Six projectors on the same axis

7 different optical heads

The possibility to choose from seven different optical heads and the configuration flexibility provided by the different beam openings makes LUCERA an extremely flexible lighting system.



2+4
Two projectors on one axis and four projectors on the other



8
Eight projectors on the same axis



2+6
Two projectors on one axis and six projectors positioned on the other

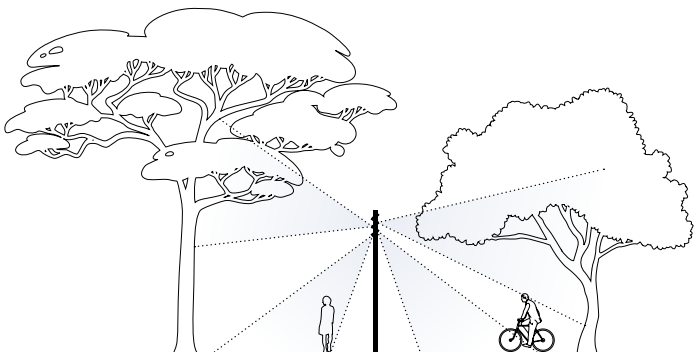


4+4
Four projectors on one axis and four projectors positioned on the other

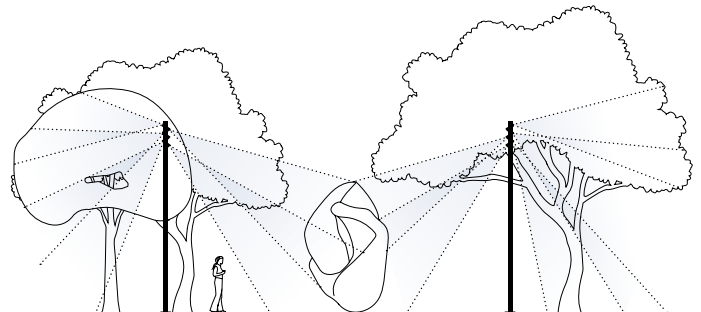
4 projectors



6 projectors



Landscape
Trees and paths



Sculptural
Accent and general lighting

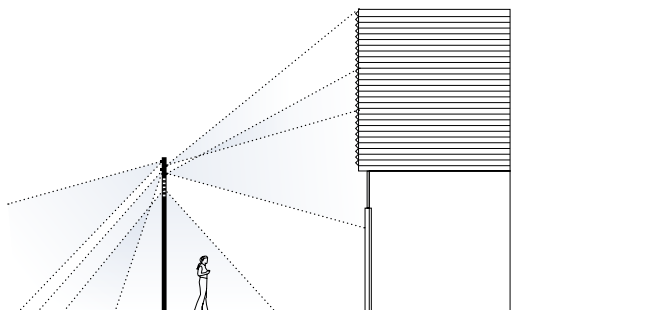
Application scenarios

The flexibility provided by LUCERA makes it a simple and functional application for lighting landscapes, urban areas, parking areas, as well as for architectural and scenographic lighting.

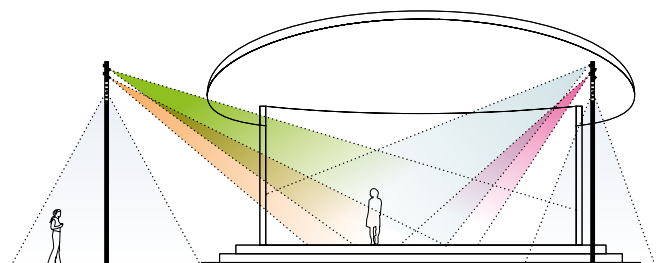
4+4 projectors



4+4 projectors



Streetscape
Pedestrian areas and facades



Performance / Entertainment
Stages and wide surfaces
(Colour changing lighting)

Tunable White and RGBW Solutions

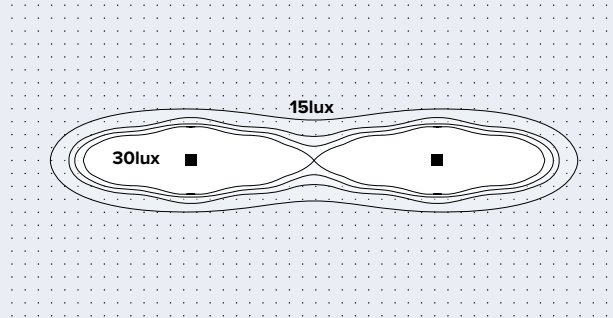
Versions equipped with Tunable White and RGBW LED sources make it possible to vary the tone and colour of the light, making LUCERA a system that is also suitable for scenographic lighting.



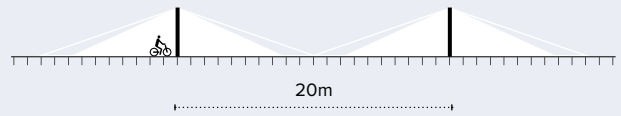
**TYPE I
LINEAR DISTRIBUTION**

2+6 projectors

Is the optimal choice for applications such as pedestrian paths, catwalks and cycle paths. The optical system has a 15°+15° degree beam opening which makes it suitable for path widths of up to 2 times the installation height of the light units.



Em 34lux
Uo 0.37
Pole height 500cm

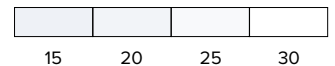


Fixed optics

The LUCERA range with fixed optics is supplied with the optical heads already installed and adjusted to promptly recreate typical light distributions (Type I-V) to optimise the distance between individual poles and to meet the required regulatory lighting requirements.

There are five assembled optical systems available with the same number of light distributions.

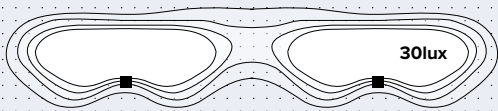
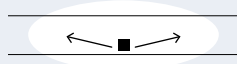
Light distribution calculated using 400K LED sources.
Lighting \[lx]



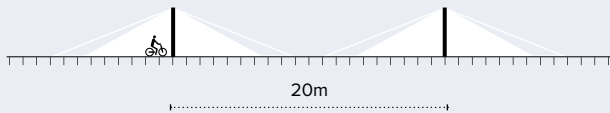
**TYPE II
SLIGHTLY ASYMMETRICAL LINEAR
DISTRIBUTION**

2+6 projectors

Ideal for pedestrian passageways, access ramps and any other area that requires long and narrow lighting. The optical system has a 25° beam opening, ideal for lighting areas with a width of up to 4 times the installation height and a depth of 1.75 times. That is areas of around 6m x 14m for poles of 350 cm in height and areas of 8.75m x 20m for 500cm poles.



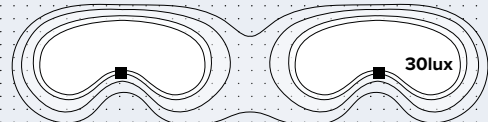
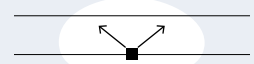
Em 33lux
Uo 0.35
Pole height: 500cm



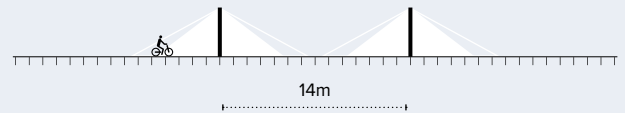
**TYPE III
ASYMMETRICAL BATWING
DISTRIBUTION**

2+6 projectors

This type of distribution is used where it is important to push the light in both depth and width such as in squares and plazas. The optical system has a 40° beam opening, ideal for lighting wide areas up to 2.75 times the installation height therefore around 9.60 metres for a 350cm pole and 14 metres for a 500cm pole.



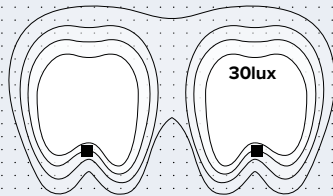
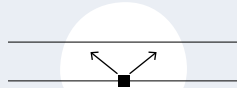
Em 31lux
Uo 0.35
Pole height 500 cm



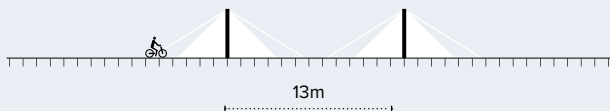
**TYPE IV
SEMICIRCULAR DISTRIBUTION**

2+6 projectors

The marked asymmetrical optic has a 60° beam opening, making it the most suitable solution for lighting both horizontal planes like parking areas, as well as vertical surfaces like building facades. It is ideal to light areas up to 2.75 times the installation height. In a single pole configuration, the 350cm pole has a distribution of 9,60m and a 500cm pole has a distribution of 13,75m.



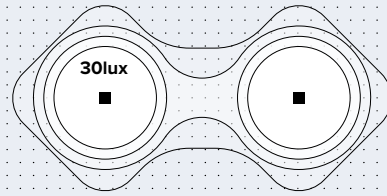
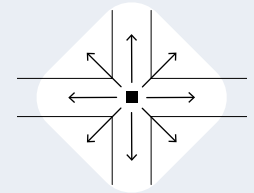
Em 35lux
Uo 0.40
Pole height 500cm



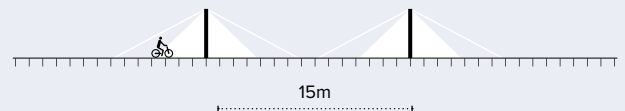
**TYPE V
SPHERICAL DISTRIBUTION**

4+4 projectors

A spherical 360° distribution that has equal illumination on all sides. A single 350cm pole has a 10m diameter distribution and a 500cm pole has a 15m diameter distribution.

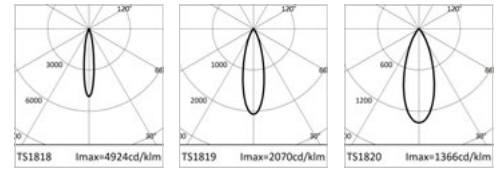


Em 35lux
Uo 0.40
Pole height 500cm





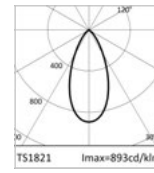
Adjustable optical body
 Up to 87lm/W
 From 3556lm to 7952lm
 2700K - 3000K - 3500K - 4000K
 Ra80



SP 17°

FL 28°

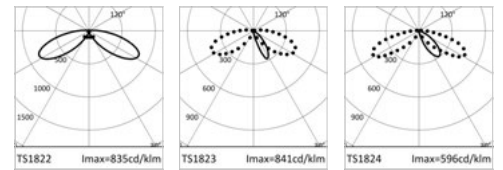
FL 37°



MWFL 47°



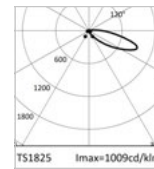
Fixed optical body
 Up to 67lm/W
 From 5336lm to 6090lm
 2700K - 3000K - 3500K - 4000K
 Ra80



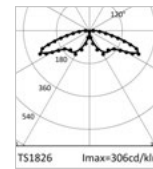
TYPE I

TYPE II

TYPE III



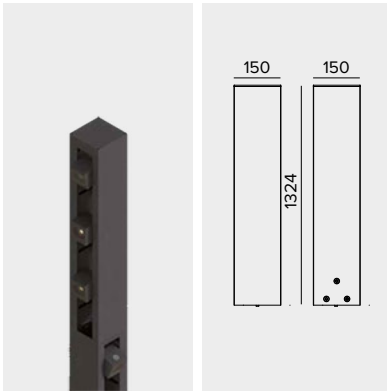
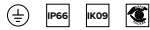
TYPE IV



TYPE V

LUCERA System | Optical head | Fixed

120-240Vac | Ra80 | Fixture flux 3000K from 5336lm to 6090lm

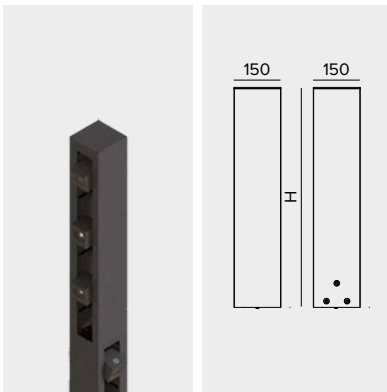
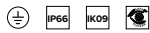


Product	Version	Ra+K	Driver	Colour
E003	T1 Type I - 2+6 - 96W	827 Ra80 2700K	DA DALI	FE ●
	T2 Type II - 2+6 - 96W	830 Ra80 3000K		
	T3 Type III - 2+6 - 96W	835 Ra80 3500K		
	T4 Type IV - 2+6 - 96W	840 Ra80 4000K		
	T5 Type V - 4+4 - 96W			

Note Related codes and accessory codes on page 662.

LUCERA System | Optical head | Adjustable

120-240Vac | Ra80 | Fixture flux 3000K from 3556lm to 7952lm

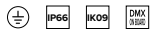


Product	Version	Optic	Ra+K	Driver	Colour
E004	Z 2+2 - 48W	SP SP 17°	827 Ra80 2700K	DA DALI	FE ●
	Y 4X - 48W	NF FL 28°	830 Ra80 3000K		
	X 2+4 - 72W	FL FL 37°	835 Ra80 3500K		
	W 6X - 72W	MF MWFL 47°	840 Ra80 4000K		
	V 2+6 - 96W				
	U 4+4 - 96W				
	T 8X - 96W				

Note Z versions (2+2) - H=824mm. Y versions (4x) - H=704mm. X versions (2+4) - H=1074mm. Z versions (6x) - H=954mm. V versions (2+6) and U (4+4) - H=1324mm. T versions (8x) - H=1204mm.
Related codes and accessory codes on page 660.

LUCERA System | Optical head | Adjustable RGBW

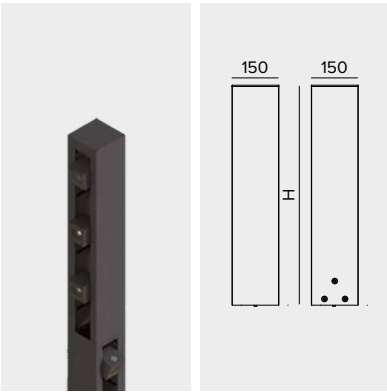
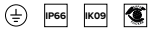
120-240Vac | Fixture flux up to 2488lm | RGBW W=6500K



Product	Version	Optic	Ra+K	Driver	Colour
E005	Z 2+2 - 52W	SP NSP 10°	RGW RGBW	MX DMX RDM	FE ●
	Y 4X - 52W	NF FL 24°			
	X 2+4 - 78W	FL FL 31°			
	W 6X - 78W	MF MWFL 44°			
	V 2+6 - 104W				
	U 4+4 - 104W				
	T 8X - 104W				

Note Z versions (2+2) - H=824mm. Y versions (4x) - H=704mm. X versions (2+4) - H=1074mm. Z versions (6x) - H=954mm. V versions (2+6) and U (4+4) - H=1324mm. T versions (8x) - H=1204mm.
Related codes and accessory codes on page 660.

LUCERA System | Optical head | Adjustable TW
 120-240Vac | Ra80 | Fixture flux from 996lm to 2984lm



Product	Version	Optic	Ra+K	Driver	Colour
E006	Z 2+2 - 19W	SP SP 18°	TUW Tunable White	D8 DALI DT8	FE ●
	Y 4X - 19W	NF FL 26°			
	X 2+4 - 29W	FL FL 33°			
	W 6X - 29W	MF MWFL 46°			
	V 2+6 - 38W				
	U 4+4 - 38W				
	T 8X - 38W				

Note Z versions (2+2) - H=824mm. Y versions (4x) - H=704mm. X versions (2+4) - H=1074mm. Z versions (6x) - H=954mm. V versions (2+6) and U (4+4) - H=1324mm. T versions (8x) - H=1204mm.
 Related codes and accessory codes on page 661.

Related codes and accessories
 LUCERA System - Optical head - Adjustable

Accessory codes

Screen

Colour	Code
●	A011AFE

Symmetric screen.
 Powder coated stainless steel.

Grid

Colour	Code
●	A011BFE

Anti-glare louver.
 Powder coated stainless steel.

Screen

Colour	Code
●	A011CFE

Asymmetric screen.
 Powder coated stainless steel.

Holder Ring

Colour	Code
●	A011DFE

Holder ring.
 Powder coated aluminium.

Filter

Code
A011E

Blade of light filter.
 To be completed with holder ring.

Related codes and accessories
 LUCERA System - Optical head - Adjustable RGBW

Accessory codes

Screen

Colour	Code
●	A011AFE

Symmetric screen.
 Powder coated stainless steel.

Grid

Colour	Code
●	A011BFE

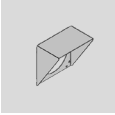

Anti-glare louver.
 Powder coated stainless steel.

Related codes and accessories

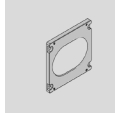

LUCERA System - Optical head - Adjustable RGBW

Accessory codes


Screen

	Colour	Code
		A011CFE
Asymmetric screen. Powder coated stainless steel.		

Holder Ring


	Colour	Code
		A011DFE
Holder ring. Powder coated aluminium.		


Filter

	Code
	A011E
Blade of light filter. To be completed with holder ring.	

Control systems

	Code
	1E2767
USB-RDM Programmer code. More details on page 678.	

	Code
	1T6499
myScenario Wall. More details on page 678.	

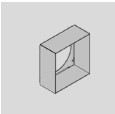

	Code
	1T1898
my-SCENARIO Show Store. More details on page 678.	

Related codes and accessories

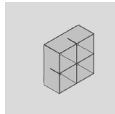

LUCERA System - Optical head - Adjustable TW

Accessory codes

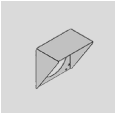

Screen

	Colour	Code
		A011AFE
Symmetric screen. Powder coated stainless steel.		

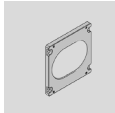

Grid

	Colour	Code
		A011BFE
Anti-glare louver. Powder coated stainless steel.		


Screen

	Colour	Code
		A011CFE
Asymmetric screen. Powder coated stainless steel.		

Holder Ring

	Colour	Code
		A011DFE
Holder ring. Powder coated aluminium.		

Filter

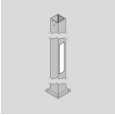

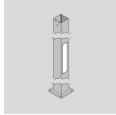

	Code
	A011E
Blade of light filter. To be completed with holder ring.	

Related codes and accessories

LUCERA | Codes compatible with the whole range

Related codes

Poles

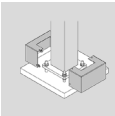

	Colour	Code		Colour	Code
		E002ZFE			E002YFE
<p>Square pole for LUCERA system - AxB = 150x150mm - H = 3.5m. Body in extruded aluminum with a double layer of powder coating in a ferrite gray finishing (possibility of other finishes on request). Wind resistance: 225km/h. Inspection side hatch created from aluminum extrusion, dimensions 491x84mm. Possibility of flush or recessed installation by coupling with additional anchor bolts necessary for installation in the plinth and for adjusting the inclination.</p>			<p>Square pole for LUCERA system - AxB = 150x150mm - H = 5m. Body in extruded aluminum with a double layer of powder coating in a ferrite gray finishing (possibility of other finishes on request). Wind resistance: 200km/h. Inspection side hatch created from aluminum extrusion, dimensions 491x84mm. Possibility of flush or recessed installation by coupling with additional anchor bolts necessary for installation in the plinth and for adjusting the inclination.</p>		

Mounting System

	Code
	E001A
<p>Fixing rods for galvanized steel pole.</p>	

Accessory codes

Mounting System

	Colour	Code
		A010AFE
<p>Plate cover 294x294mm. Powder coated stainless steel.</p>		

LIGHT MANAGEMENT SYSTEM

HOW WE CONTROL OUR FIXTURES

Dali

The fixture is equipped with a driver that provides a connection to a BUS DALI system for overall management of the system.

DALI is the acronym for “Digital Addressable Lighting Interface”, an international standard protocol compliant with IEC EN 62386 that guarantees the interchangeability of dimmable electronic power supplies from different manufacturers. It is used in building automation. It can be used for medium-sized and large projects and entails a preventive design with special cable routing. Many fixtures in the Targetti collection have DALI drivers and are therefore compatible with home automation systems that integrate lighting into building automation.

Dimm on board

The fixture is dimmed using a commutator located inside it.

The simplest system for dimming light fixtures. A commutator inside the fixtures makes it possible to intervene manually and regulate the intensity of the light emission to modulate the light according to actual project needs.

CASAMBI

Targetti Control powered by Casambi Fixtures are controlled via wireless or Bluetooth by a smartphone or a tablet without the need for any other hardware. For Casambi on board fixtures or those equipped with DALI drivers.

LMS is the Targetti home automation lighting control system that makes it possible to manage lighting systems in wireless mode. Designed for both the consumer and professional markets LMS is the result of a combination of components from Casambi, a leading company producing wireless lighting control solutions, and Targetti light fixtures.

DMX

RGB, RGBW and Tunable White fixtures are controlled using a DMX protocol. Software and touch screen interfaces are available to manage and create static and dynamic lighting scenes.



TARGETTI CONTROL

Powered by Casambi

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

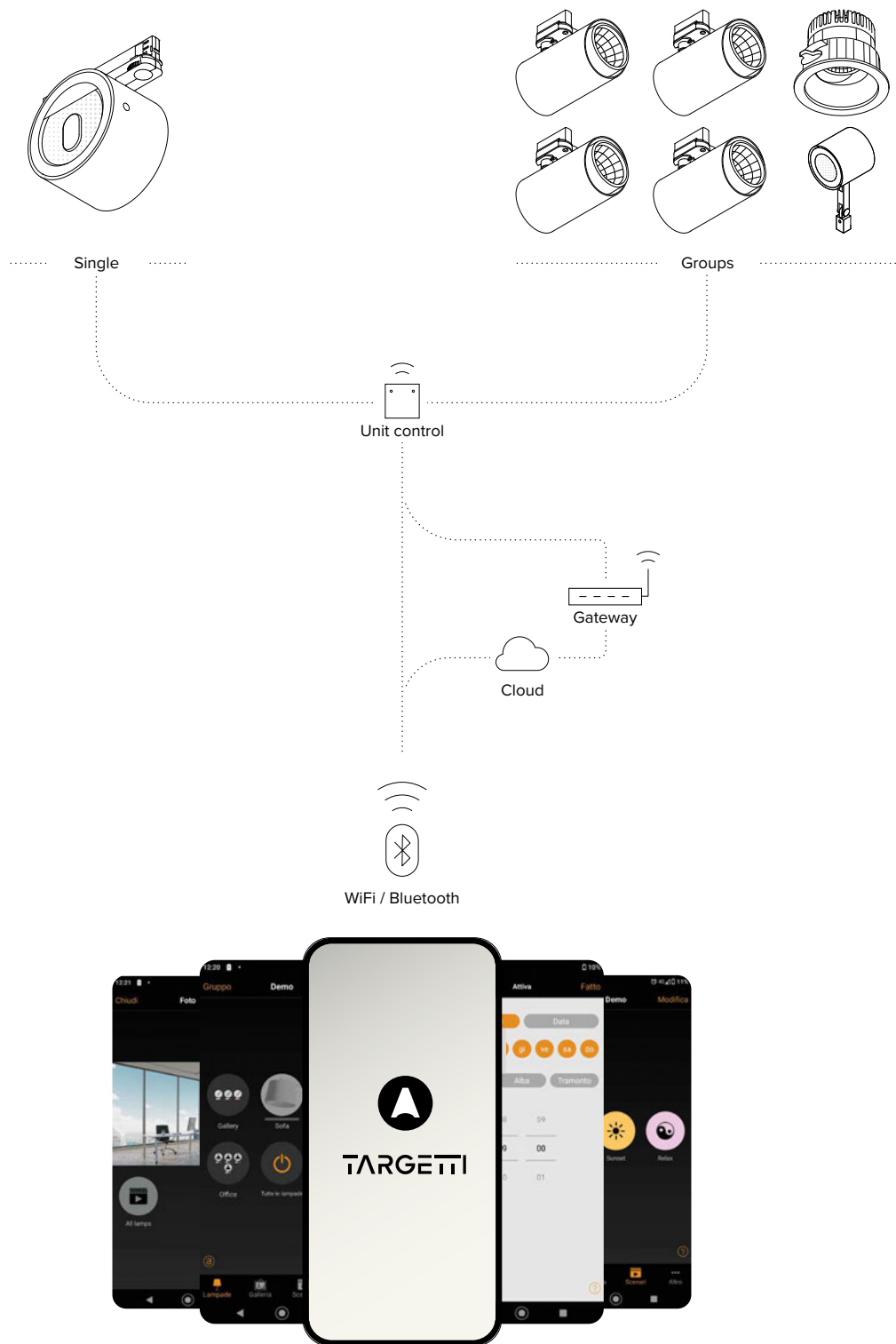
fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

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 250 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.



Installation sequence



① Choose Targetti fixtures by opting for the Targetti Casambi Ready package or Casambi accessory components

② Download the Casambi iOS or Android App depending on the device used

③ Launch the App: the fixtures in operation will be detected automatically

④ Create one or two networks depending on the characteristics of the environment

⑤ Create groups of devices as needed

⑥ Program scenes and/or sequences.

⑦ Set the level of network sharing

TC — Functions



Control Type

Casambi control can be done using:

- Buttons and switches (manual control)
- App (manual digital control)
- Sensors and timers (automatic digital control)



Grouping

Different fixtures can be grouped together to be managed all together or individually. Grouping is easy and the same as grouping apps on smart devices.



Scenes

It is possible to:

- create lighting scenes for different occasions;
- manage several fixtures with just one touch to create the perfect atmosphere for specific needs;
- Use the same fixture in different scenes.



Tunable control

Casambi provides complete colour temperature control for those permitted in the range for LED sources. Just swipe your finger over the icon for the source to change the colour temperature.



Animation

It is possible to create dynamic scenes with fades from scene to scene. Animated scenes can be recalled again or repeated as required. It is possible to set both the duration of each scene and fade times between scenes.



Gallery

The exclusive gallery function makes control intuitive. Taking a photo of an environment or uploading a floor plan on the app it is possible to mark the fixtures and then recall them. Images are saved in a special gallery on the app with the fixtures displayed. Users only have to touch the ones they want to manage.



Gateway

With the gateway function it is possible to access a Casambi network remotely. Casambi enabled fixtures can be managed and network settings (administration rights required) can be changed. To enable the remote access feature, an iOS or Android device must act as a gateway on the Casambi network.



Adaptable

The Casambi system is adaptable to both simple as well as more complex projects. It is based on the possibility to create an unlimited number of networks that can be turned on and off.



Calendar

With the calendar and timer function it is possible to activate and deactivate scenes and animated scenes based on parameters such as: timetables, weekly scheduling, seasonality etc. This makes it possible to meet the needs of different users and the environments to be lit. All Casambi units keep track of time.

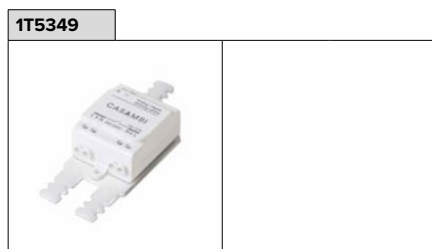
Casambi Accessories

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 674 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
- Gateway DALI/Casambi available that allows fixtures fitted with mesh Bluetooth Casambi technology to interface with a traditional DALI system and to be adjusted by a DALI control unit. For further information see the website.

CONTROL UNIT IP20 - DALI

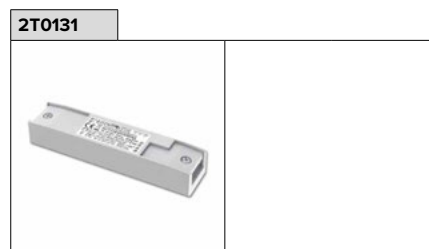


IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology. The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures. The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands. In addition to the DALI broadcast, other operating modes are available, such as: button (normally open), control unit 0/1-10V, control unit DALI Tunable White DT8, presence sensor.

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

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	102x25x36mm
Exit	1-10V / DALI

EXTENDER IP20 - DALI



IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. IP20 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level. In addition to the DALI broadcast other operating modes are available, such as: Extender DALI 8CH, Extender DALI Tunable White, Extender 0/1-10V, Extender DALI 4CH, Extender DALI DT8 Tunable White.

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

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	130x22x30mm.

CONTROL MODULE IP67 - DALI



IP67 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. 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 5.0 technology. The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures. The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands.

In addition to the DALI broadcast, other operating modes are available, such as: button (normally open), control unit 0/1-10V, control unit DALI Tunable White DT8, presence sensor.

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

Power supply	100-240 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	108x28x65mm.

EXTENDER IP67 - DALI

1E4369



IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level. In addition to the DALI broadcast other operating modes are available, such as: Extender DALI 8CH, Extender DALI Tunable White, Extender DALI 4CH, Extender DALI DT8 Tunable White. If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

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	148x40x150mm

XPRESS

1T5350

Black

2T0132

White

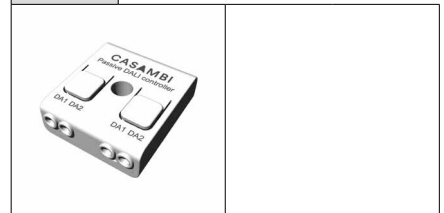


Xpress is a wall mounted wireless user interface; it can be installed wherever the user chooses thanks to battery power with autonomy of 2-3 years providing direct access to all the most important CASAMBI system control functions. As well as switching the fixtures on and off, Xpress controls dimming, colour temperature change in fixtures equipped with this technology, and control of individual fixtures and lighting scene or sequence management.

Dimensions	90x12x90mm
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BRIDGE DALI/CASAMBI

1T8173CA













































Bridge DALI/Casambi: a fixture that allows fixtures equipped with mesh Bluetooth Casambi to interface with a traditional DALI system and to be adjusted by a DALI control unit. Inside the usual DALI circuit it is possible to have a maximum of 64 cabled DALI and Casambi wireless devices. It only works with Casambi Evolution networks.

The DALI Bridge is transparent in the DALI system, and therefore does not require an address. There is no need for a power supply given that it is supplied directly by the DALI bus. To provide IP68 rating to the fixture complete with code 1E3184.

Dimensions	40,4x14x36,3mm
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Quadro sinottico accessori Casambi

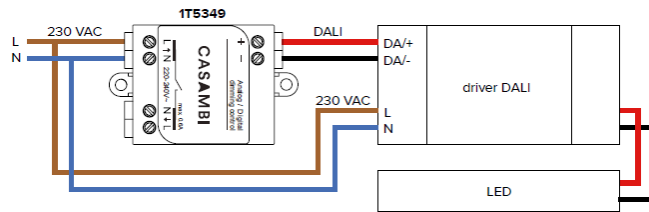
Product	Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 676
 BEBOP RECESSED	DALI Version	●	●			01 - 02
 CCTEVO ARCHITECTURAL	DALI Version	●	●			01 - 02
 CCTEVO DOWNLIGHT	DALI Version	●	●			01 - 02
 CCTEVO TUBE	DALI Version	●	●			01 - 02
 CCTEVO EXTRACTABLE	DALI Version	●	●			01 - 02
 CCTEVO WW	DALI Version	●	●			01 - 02
 CCTLED DOWNLIGHT	DALI Version	●	●			01 - 02
 CORO	With DALI driver	●	●			01 - 02
 DART	DALI Version			●	●	03 - 04
 DART ROUND	DALI Version			●	●	03 - 04
 FEBO EVO	DALI Version			●	●	03 - 04
 FORTYEIGHT LABEL	DALI Version		●			02
 FORTYEIGHT LOGICO 30	DALI Version		●			02
 HALL	DALI Version	●	●			01 - 02
 JEDI	DALI Version			●	●	03 - 04
 JEDI RECESSED	DALI Version			●	●	03 - 04
 JEDI COMPACT INDOOR	DALI Version	●	●			01 - 02
 JEDI COMPACT OUTDOOR	DALI Version			●	●	03 - 04
 JEDI COMPACT OUTDOOR RECESSED	DALI Version			●	●	03 - 04
 JUPITER PRO	With DALI controller			●	●	03 - 04
 KEPLERO 160 - KEPLERO 280	DALI Version			●	●	03 - 04

Product	Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 676
 KEPLERO 50 - KEPLERO 80	With DALI controller			●	●	03 - 04
 LABEL 230V	DALI Version	●	●			01 - 02
 LABEL	DALI Version		●			02
 LOGICO EASY STAND ALONE	DALI Version	●	●			01 - 02
 LOGICO EASY SYSTEM	DALI Version	●	●			01 - 02
 LOGICO SYSTEM	DALI Version	●	●			01 - 02
 MR. BO	DALI Version			●	●	03 - 04
 MRS. BO BOLLARD	DALI Version			●	●	03 - 04
 MRS. BO WALL	With DALI controller			●	●	03 - 04
 MRS. BO PATH	With DALI controller			●	●	03 - 04
 MR. SMITH	DALI Version			●	●	03 - 04
 MRS. SMITH	DALI Version			●	●	03 - 04
 OMEGA	DALI Version	●	●			01 - 02
 OZ STAND ALONE CEILING	DALI Version	●	●			01 - 02
 OZ STAND ALONE RECESSED	With DALI driver	●	●			01 - 02
 THREESIXTY	DALI Version	●	●			01 - 02
 VOLTA	With DALI driver	●	●	●	●	01 - 02 03 - 04
 ZEDGE - ZEDGE BOLLARD	With DALI controller			●	●	03 - 04
 ZEDGE LINE	DALI Version and with DALI controller			●	●	03 - 04
 ZEDGE PRO	DALI Version			●	●	03 - 04
 ZENO APPLIQUE	DALI Version	●	●			01 - 02

Wiring diagrams

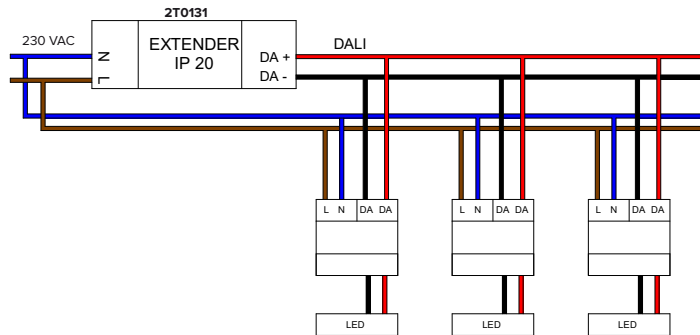
01 **1T5349**

Single DALI control IP20



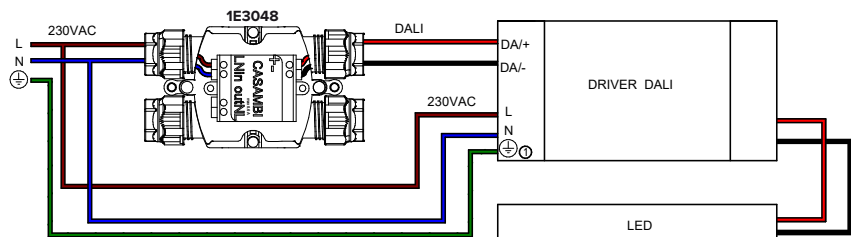
02 **2T0131**

DALI multiple control IP20



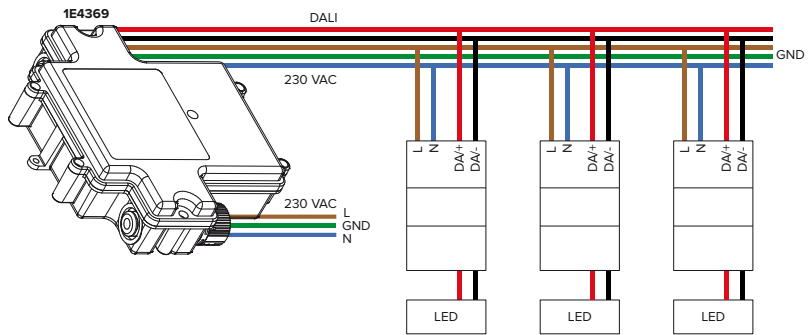
03 **1E3048**

DALI single control IP67



04 **1E4369**

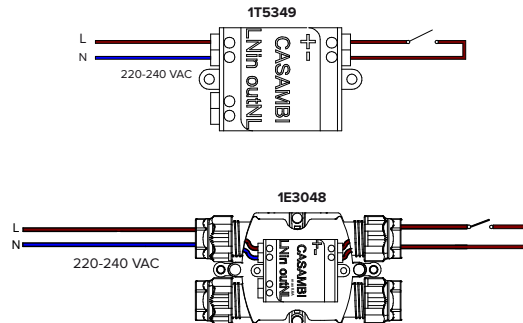
DALI multiple control IP67



05 **1T5349 - 1E3048**

Diagram for use with wall mounted push button

Normally open



DMX

Control system for DMX, Tunable White and RGBW fixtures

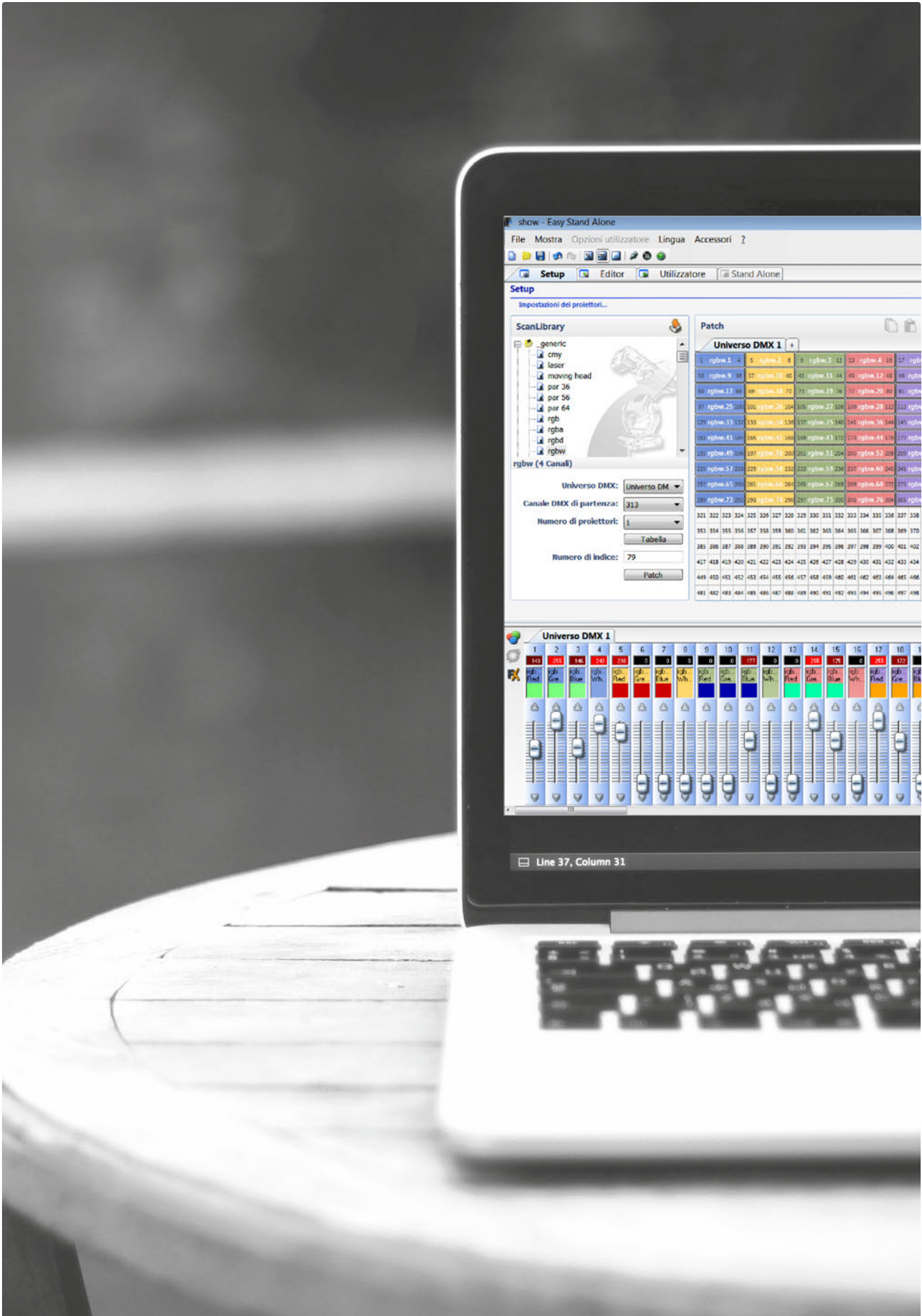
For programming and control RGBW fixtures use the DMX 512 digital protocol, the most widespread and proven standard for smart light control. This allows for complete compatibility with other fixtures on the market and makes a wide variety of accessories available at a reasonable cost.

Fixtures Power Supply

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 RGBW products the integrated 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 that can power and control several fixtures at the same time.

RGBW fixtures are compatible with the DMX – RDM protocol that allows for remote programming via the data line.



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;
- rtransmitting 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

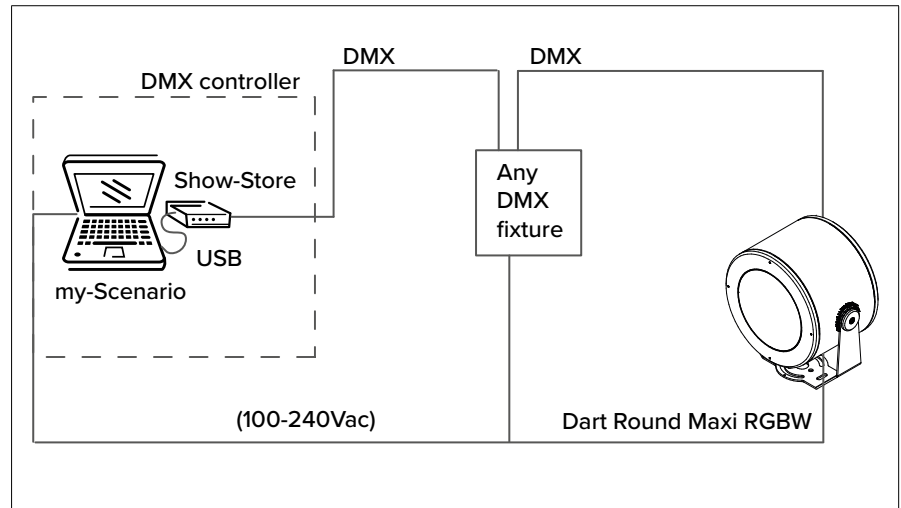
patching function allows to assign the DMX control channels to the fixtures by using the internal library.

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 programmed light shows can be transferred to the different control interfaces.

MYSCENARIO SHOW STORE

1T1898

Software + USB interface
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)

TYPICAL WIRING LAYOUT


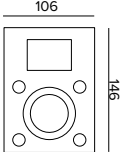


mySCENARIO Wall

DMX controller with a glass touch sensitive screen for architectural applications.

- It can control two different DMX universes (2x 512 channels).
- Stand alone function or connected to a computer using a USB port.
- Software for creating scenarios (that can be downloaded from the Targetti website) is included.
- It can manage 10 different lighting zones and 50 scenarios per zone.
- The touch keys on the front make it possible to modify and recall programmed scenarios.
- USB cable included.
- To be used with all RGBW products.

MYSCENARIO WALL

1T6499	
	
Power supply	6 Vdc
Output	4W
Memory	SD card
DMX Channels	2 x 511
Operating system	Windows 32/64bit
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	
	

TECHNICAL DATA

FLICKER

We spend the majority of our time exposed to artificial lighting. The quality of the effect, even in terms of stability of the light is therefore an indispensable requirement for a light fixture. Flicker is defined as “rapid variations in intensity over time of a light source”; in particular, those belonging to the frequency range of between 0-80Hz.

However, when fluctuations belong to the frequency range of between 80Hz-2KHz these are called “Stroboscopic effects” in which fluctuations in brightness produce a misperception of the movement of lit objects by a static observer.

This phenomenon has become increasingly important following the introduction of LED sources for general lighting due to a combination of the following factors: These fluctuations in light intensity, according to the frequency, intensity, viewing angle, level of light in the environment, age of the observer and their sensitivity level, can be perceptible on a conscious and/or unconscious level and generate a series of side effects depending on the sensitivity level such as headaches, visual fatigue, distraction etc.

In order to mitigate the risks on health in lighting contexts using LED sources on a European level Technical Reports IEC TR 61547-1 and IEC TR 63158 have been developed.

1. LED sources are characterised by a high speed response to fluctuations in the power supply which result in variations of the light emitted.
2. Unwanted residual fluctuations of the driving current generated by
3. Modulation of the driving current of LED sources for example PWM
4. Any instability in the operation of dimmers connected externally to the LED source power supplies.

The Targetti approach to the Flicker phenomenon

Fixtures with the Safe Flicker logo in the catalogue and on data sheets have parameters below the minimum visibility threshold $P_{ST}^{LM} \leq 1$ and $SVM \leq 0,4$ (IEC TR 61547-1 and IEC TR 63158).



P_{st}^{LM} (Short-Term flicker)

Quantifies visible Flicker that is harmful to human health caused by the modulation of light in the frequency range of between 0.3Hz and 80Hz.

The recommended threshold is $P_{st}^{LM} = 1$

Note - This value was determined based on a representative test group of people and identifies the average perception threshold of visible flicker.

SVM (Stroboscopic Visibility Measure)

Quantifies stroboscopic effects that can occur in situations relating to objects in movement in the presence of modulation of light in the frequency range of between 80Hz and 20KHz.

SVM=0,4 represents the visibility threshold in a test group of people that quantifies the stroboscopic effect in defined laboratory conditions.

Fixtures that do not have the Safe Flicker logo on the data sheet on the other hand show the flicker value declared by the driver manufacturer which is not determined according to IEC criteria. Constant renewal of drivers will bring about the introduction of new models in line with IEC requirements.

For more details and/or specific needs please contact our technical department.

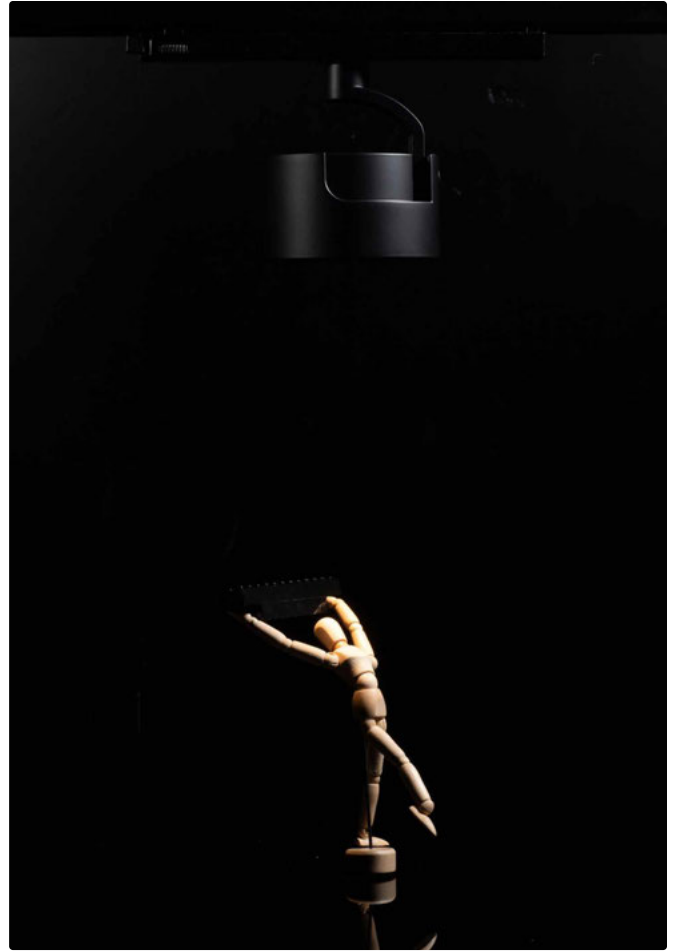
PHOTOBIOLOGICAL SAFETY RISK GROUPS

This is an extremely important parameter because it identifies the danger to the eyes and skin of prolonged exposure to artificial sources. Legislative Decree 81/2008 (Consolidated Law) and supplementary and corrective measures Legislative Decree 06/2009, puts risk assessment and management obligations for workers' health and safety in the hands of the company and more precisely employers.

Among the risks employers have to evaluate there are also any possible photobiological risks deriving from exposure to artificial optical radiation (AoR), chapter V of Legislative Decree 81/08. The technical reference standard IEC/EN 62471:2010 defines a classification of sources in 4 Photobiological Safety Risk Groups on the basis of the quantity of radiation emitted by the sources in the range of wavelengths from 200 nm to 3000 nm, therefore well beyond the range of the visible, providing a clear indication of the limits of maximum exposure for each group.

In accordance with Paragraph 6.1 of EN 62471: 2010 the risk groups (for blue light) are defined as follows:

- 1. RG0 (Risk Exempt)**
The source does not cause any photobiological risk. Requirement met by any lamp that does not cause a blue light (BL) retinal risk with an exposure time of up to 10,000 s (about 2.8 h).
- 2. RG1 (Low Risk)**
The source does not cause risk due to normal operating limitations on exposure. Requirement met by any source that exceeds the limits of the Exempt Group but does not cause a blue light (BL) retinal risk with an exposure time of up to 100 s.
- 3. RG2 (Moderate Risk)**
The source does not cause a risk due to an instinctive reaction when looking at very bright light sources (or due to a sensation of thermal discomfort.) Requirement met by any source that exceeds the limits of Risk 1 Group but does not cause a blue light (BL) retinal risk with an exposure time of up to 0.25 s.
- 4. RG3 (High Risk)**
The source can constitute a risk even due to momentary or brief exposure.



We choose LED sources with the lowest Photobiological Safety Risk Group available on the market so that our fixtures are in the Risk 0 or Risk 1 groups.

The current standard EN 60598-1 concerning indoor light fixtures indicates that RG0 or RG1 risk groups are acceptable for safety purposes albeit technically not equivalent. Exposure to fixtures with RG1 is not to be considered dangerous in ordinary use because exposure times of more than 100 seconds are considered to be "unlikely",

although not impossible because this would mean looking in the direction of a light fixture for 100 consecutive seconds. Risk group RG0, on the other hand, has a period of exposure greater than 2.8 h and as such, it can be stated with greater confidence that fixtures would not be viewed for such a long time.

POWER SUPPLY

Electronic ballast/power supply for LED source



Power	LxHxP	Power supply	Output current	Output voltage	Dimming	Protection	
70W	225x51x65	220-240V		48V-DC		IP67	1E2320
150W	225x51x65	220-240V		48V-DC		IP67	1E2321
max 43W	106x26x53	220-240V	600mA			IP68	1E2571
max 43W	106x26x53	220-240V	600mA		DALI	IP68	1E2572
max 50W	127x31x80	220-240V	900mA			IP68	1E2573
max 50W	150x40x148	220-240V	900mA		DALI	IP68	1E2574
20W	135x31x80	110-240V	400mA		1-10V	IP68	1E3033D
20/15W	115x26x53	220-240/110-127V	400mA		DALI	IP68	1E3033DA
20/15W	115x26x53	220-240/110-127V	400mA			IP68	1E3033EL
20/15W	220x80x120	220-240/110-127V	900mA		1-10V	IP68	1E3034D
20W	220x80x120	220-240V	900mA		DALI	IP68	1E3034DA
20/15W	150x40x148	220-240/110-127V	900mA			IP68	1E3034EL
50W	220x80x120	110-277V	450mA		DMX	IP68	1E3881
50W	220x80x120	120-277V	850mA		DMX	IP68	1E3883
50W	220x80x120	110-277V	700mA		DALI	IP68	1E4056
15/30W	122x26x54	110-240/220-240V	700mA			IP68	1E4239DA
15/17W	122x26x54	110-240/220-240V	700mA			IP68	1E4239EL
50W	250x82x140	120-277V	500mA		DMX	IP68	1E4271
14W	79x25x38	220-240V		24V-DC		IP67	1E4359
17W	122x26x54	220-240V		24V-DC		IP68	1E4397EL
max 50W	160x35x83	220-240V	900mA			IP20	1T2966
max 50W	160x35x83	110-240V	900mA		DALI	IP20	1T2968
75W	140x32x63	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		DALI	IP20	1T3627
50W	185x22x63,5	220-240V		24V-DC		IP20	1T3726
max 42W	160x35x83	110-240V	1050mA			IP20	1T3781
max 42W	160x35x83	110-240V	1050mA		DALI	IP20	1T3783
max 22W	130x30x42	220-240V	500mA			IP20	1T3966
20/15W	111x22x52	220-240/110-127V	400mA		1-10V	IP20	1T4215D
20W	146x30x44	220-240V	400mA		DALI	IP20	1T4215DA
18W	146x22x43	220-240V	400mA			IP20	1T4215EL
20W	119x22x52	220-240V	500mA		DALI	IP20	1T4631
15W	119x22x52	110-120V	500mA		DALI	IP20	1T4631
20/15W	111x22x52	220-240/110-127V	900mA		1-10V	IP20	1T5295D
20W	150x28x42	220-240V	900mA		DALI	IP20	1T5295DA
20/15W	110x22x52	220-240/110-127V	900mA			IP20	1T5295EL
130W	240x49x60	220-240V		48V-DC		IP20	1T6916EL
60W	225x36x60	220-240V		48V-DC		IP20	1T6917EL
210W	251x37x90	110-277V		48V-DC		IP67	1T7403EL
20W	156x26x52	230V	900mA		DALI	IP20	1T7686DA
20W	156x26x52	230V	600mA		DALI	IP20	1T8172DA
20W	110x22x52	110-240V	600mA			IP20	1T8172EL

Power	LxHxP	Power supply	Output current	Output voltage	Dimming	Protection	
60W	129x30x76	220-240V	1400mA		DALI	IP20	1T9513DA
60W	130x30x43	220-240V	1400mA			IP20	1T9513EL
15/20W	119x22x52	110-240/220-240V	700mA		DALI	IP20	1T9637DA
20W	119x22x52	220-240V	700mA			IP20	1T9637EL
max 38W	198x21x31	220-240V	500mA		DALI	IP20	1T9638DA
max 14W	158x19x22	110-240V	500mA			IP20	1T9638EL
max 50W	124x22x79	110-240V	500mA		DALI	IP20	1T9639DA
max 50W	124x22x79	110-240V	500mA			IP20	1T9639EL
96W	199x36x63	200-260V		24V-DC	DALI	IP67	ELG-100-24DA-3Y
150W	219x36x63	200-260V		24V-DC	DALI	IP67	ELG-150-24DA-3Y
200W	244x38x71	200-260V		24V-DC	DALI	IP67	ELG-200-24DA-3Y
240W	244x38x71	100-240V		24V-DC		IP65	ELG-240-24A-3Y
240W	244x38x71	200-260V		24V-DC	DALI	IP67	ELG-240-24DA-3Y
320W	252x44x90	100-240V		24V-DC		IP67	HLG-320H-24
600W	280x49x144	100-240V		24V-DC		IP67	HLG-600H-24A
50W	280x17x30	110-260V		24V-DC		IP20	SLD-50-24
80W	320x17x30	110-260V		24V-DC		IP20	SLD-80-24
100W	140x32x63	100-240V		24V-DC		IP67	XLG-100-24-A
150W	180x36x63	100-240V		24V-DC		IP67	XLG-150-24-A
200W	199x36x63	100-240V		24V-DC		IP67	XLG-200-24-A
80W	200x42x70	220-240V		24V-DC	TRIAC	IP67	ZK7380-D

LED

Characteristics of the LED lamps Targetetti fixtures are fitted with

Colour tolerance

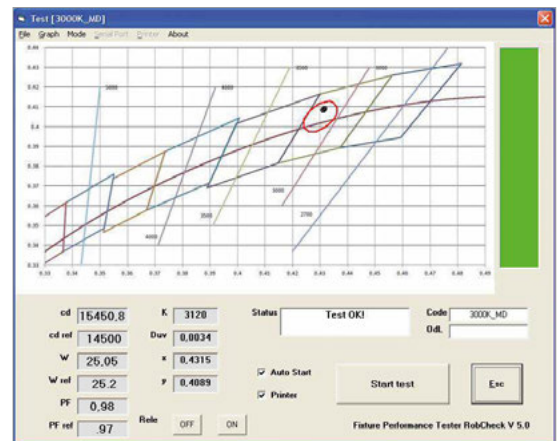
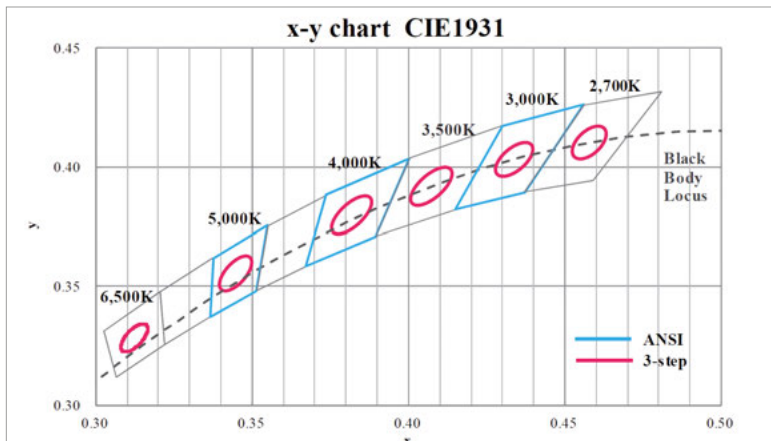
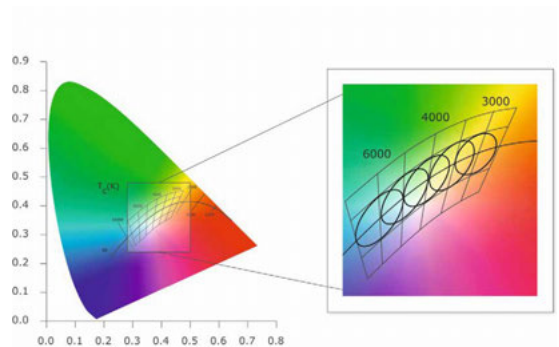
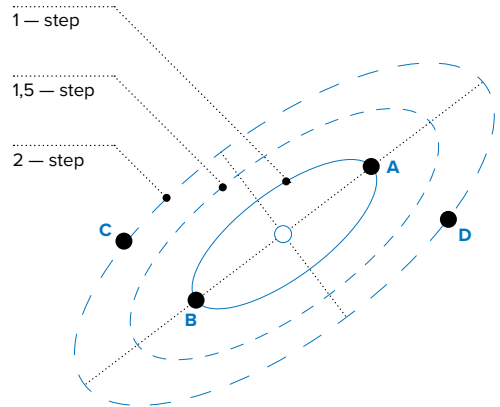
The Targetetti collection uses different LED lamps depending on the type of fixture. Nevertheless the hue of the light emitted is always the same from one fixture to another because only LED lamps produced by leading companies in the sector are used, with the same chromaticity identified by the methodology 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 Targetetti are as follows:

- → 1.5 - 2 SDCM (1 on request) for fixtures that use COB LED lamps
- → 3 SDCM (2 on request) for fixtures that use LED COB High density and LED Mid-Power lamps

It is also important to consider colour tolerance throughout the life span lamps (long term color consistency). Targetetti LED lamps ensure the declared colour tolerance for the entire life of all fixtures.



Colour rendering

The colour rendering index is the quantitative measure of the ability of a light source to reproduce colours faithfully. The method approved and currently used is the CIE CRI (Color Rendering Index) also known as CIE Ra. To determine it a comparison is carried out between the lamps to be evaluated and a reference light source with the same colour temperature.

It is based on a comparison of 15 “patches” of colour. The Ra index is the average of the 15 Patches, R9 is the rendering of the red patch. A colour rendering index between 90 and 100 is considered excellent and a value between 80 and 90 is good. Among specialists in the field the CRI method is often contested given that it provides values that are sometimes inadequate especially for some LED sources.

At meetings between the regulatory and standardisation committees various alternative methods have been put forward. The one that is more popular and considered more reliable today is the TM 30-15 method from the IES (Illuminating Engineering Society).

Most importantly is the IES TM-30-15 IES – the acronym for the Illuminating Engineering Society – the organisation that developed the scale as a new method for evaluating the colour rendering of a light source. It appears to be more reliable than the previous Ra because it is based on the colour rendering comparison of 99 “colour patches” rather than 8+6 like the CRI. In addition, where the CRI provides a single score, therefore it does not significantly express the narrow but broad relationship between light and colour, the TM-30 appears to be more complete because it is identified using three different parameters: an Rf Fidelity index, an Rg Gamut index and a colour vector graphic. These combine to provide a more accurate image of the colour fidelity of a light source and a better explanation of the exceptional colour rendering capabilities of LED sources.



Rf (Fidelity)

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

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

Rg (Gamut)

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

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

- $R > 100$ indicates an increase in colour saturation, therefore they appear more intense.
- $R < 100$ indicates a decrease in saturation.

TM-30 colour vector graphic

Indicates which colours appear to be saturated and which desaturated.

In the TM-30 colour vector graphic the white circle represents the sample light, while the circle with the colored background is the light being tested. If the circles overlap perfectly the tested light corresponds to sunlight.

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

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

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

Life expectancy of LED sources and lumen maintenance

LED lamps emit light for an extremely long length of time with an almost insignificant failure rate.

The life expectancy of a LED lamp is based on the decreasing lumen rate and the percentage of fixtures are subject to this decrease in a certain period of time.

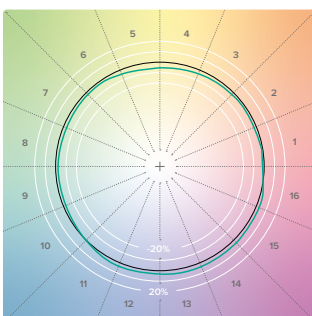
For example a LED source with a life expectancy of 80000 hours is identified with the code L80 B10 when lots of this type of source once they reach 80000 hours will have at least 90% ($100\% - B=10$) of the LED with lumen of over 80% of the original ($L=80$).

The lifetime of LED lamps is measured using tests carried out according to the IES LM80 standard. A certain number of LED lamps are left working at different temperatures for at least 6000 hours. Every 1000 hours various parameters are measured: lumen, chromaticity, power etc. The results are then processed using the IES TM 21 procedure that makes it possible to extract the data and produce the lumen maintenance values in hours, L and B depending on the operating temperature.

Life span of LED fixtures

The life span of LED light fixtures depends mainly on two components: the LED lamp and the LED driver.

The life span of LED sources and LED drivers are heavily dependent on the temperature these components operate inside the fixture. Targetti fixtures are designed to have very low operating temperatures for LED sources and drivers compared to the limits indicated by producers to ensure excellent performance in terms of duration and lumen maintenance.



Targetti fixture data

Since LED technology was applied to light fixtures we have always wanted to be completely transparent in publishing data relating to the performance of our fixtures. For every fixture we have always indicated:

- The power of the LED source (Watt)
- The lumen of the LED source (lm)
- The power of the fixture (Watt)
- The lumen of the fixture (lm)
- Maximum intensity (cd)
- Typical colour rendering CIE Ra - TM30 Rf, Rg

Warnings on LED fixtures

Given the production process of LED lamps, typical values indicated by parameters only represent statistical magnitude. These values are affected by the manufacturing tolerances of producers of LED lamps, drivers (LED power feed) and also the operating temperature of the fixtures (LED voltage varies with temperature).

Targetti fixtures are designed, built and tested in compliance with current standard regulations and technical requirements. As required by regulation IEC 60598, technical checks are carried out at a room temperature of 25°C.

Even lumen output and lighting data are based on a room temperature of 25°C. At different temperatures deviations from the values indicated in the catalogue are possible.

Manufacturing tolerance on data relating to declared output and performance is $\pm 10\%$. Then laboratory measurement uncertainties are then added:

- Lumen $\pm 5\%$
- Intensity $\pm 1\%$
- Power $\pm 0.5\%$
- Temperature $\pm 3\%$



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 luminaries - Part 1.

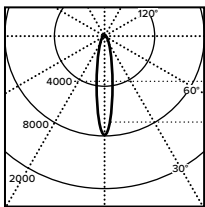
The photometric values quoted are dependent on the optical system to which they relate, and from the light source used. In order to improve its production, the Company reserves the right to change these optical systems and consequently relative photometric data without notice.

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



Luminous intensity

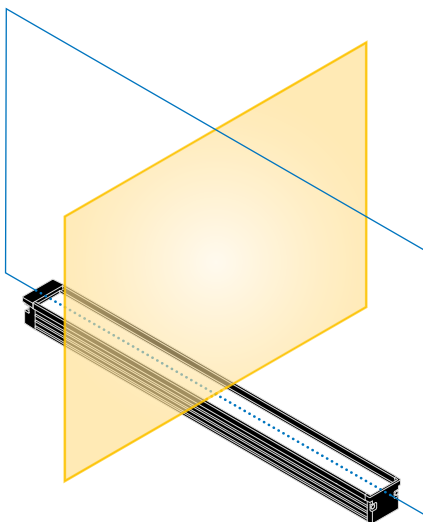
Photometric curve

TS947 I_{max}=7844cd/km I_{max}

Photometric code

3000K Ra84	Kelvin - CRI
Fixture Power	23W	Potenza apparecchio
Source Flux	2886lm	Flusso led
Fixture Flux	2453lm	Flusso apparecchio
Efficacy	107lm/W	Efficacia
I _{max}	22638cd	I_{max}

H(m)	D(m)	E _{max} (lx)	
	14°		Beam angle
1	0.24	22638	Distance from the plan (m)
2	0.48	5659	∅ luminous cone (m)
3	0.72	2515	
4	0.96	1415	
5	1.20	906	Max illumination (lx)



Reference "C-γ"

●
Transverse plane
Piano C0° - C180°
Beam angles α α

○
Longitudinal plane
Piano C90° - C270°
Beam angles α β

Cie flux code

Commission Internationale de l'Éclairage (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 method

The UGR method was introduced by the CIE (Commission Internationale de l'Éclairage) with the CIE 117 – 1995 publication "Glare Discomfort in Interior Lighting" in order to have a unified method for evaluating glare. Unlike the previous method (Diagram of light or Söllner), the index of glare depends on both the characteristics of the fixtures, and the characteristics of the environment in which it is installed, taking into account the relative position of observer- fixtures. The UGR glare index is calculated from the size of the room, the type of light fixtures, its size and the surface reflection properties of the environment.

It is expressed by the formula:

$$UGR = 8 \log \left(\frac{0,25}{L_b} \sum \frac{L^2 \pi}{\rho^2} \right)$$

UGR: A value that defines the class of the annoying glare (or glare that causes disruption without affecting the view of objects) directly produced by the fixtures of an indoor lighting system.

- **Background luminance L_b :** luminance of the visual field, in cd/sqm, with the exclusion of glaring sources.
- **Fixtures luminance L :** luminance of the luminous parts, in cd/sqm, of each appliance in the direction of observation.
- **Solid angle 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 ρ :** a value that

defines the offset angle to the axis of vision for each individual luminaire.

UGR glare index values are between 10 and 30, from minimum to maximum probability of distress.

- **UGR C0:** refers to the transversal direction of observation of the fixtures
- **UGR C90:** 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).

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

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.

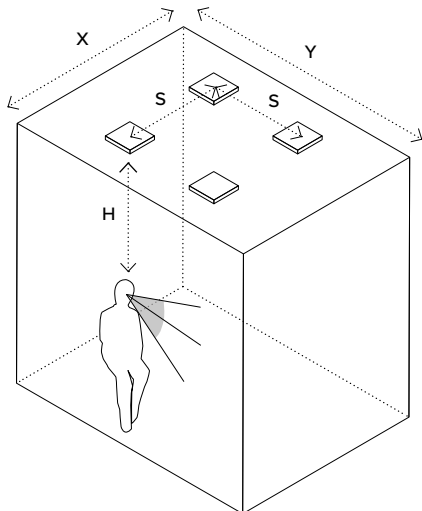
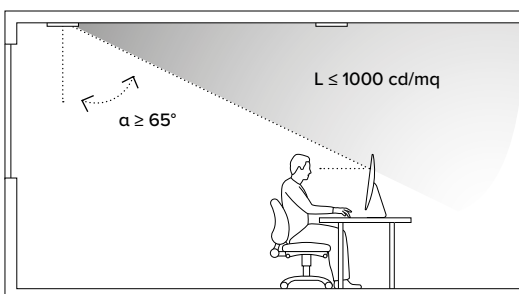


Figure 1

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
 (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.



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.

Screen high state luminance	High luminance screen > 200 cd/mq	Medium luminance screen ≤ 200 cd/mq
Case A	≤ 3000 cd/mq	≤ 1500 cd/mq
Case B	≤ 1500 cd/mq	≤ 1000 cd/mq

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2T0101DD	198	2T0129	199	9504/ST6-W2-F	213
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2T0108	198	9000A-2/B-ST	145	A013C	404, 425, 506, 524,
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2T0110DD	198	9002/B	145	A017BA	547
2T0111	198	9002/W	145	A017BC	547
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2T0121CA	198	9500-1/W2-ST6-E	212	A032BA	547
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2T0122	198	9500-2/B-ST3-E	212	A032DG	547
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2T0122DD	198	9500-2/B-TA1	212	A033BA	547
2T0123	199	9500-2/W2-ST3-E	212	A033BC	547
2T0123CA	199	9500-2/W2-ST6-E	212	A033DG	547
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E007SP840DAFE	637
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E008MFRGWMXFE	637

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E008SPRGWMXFE	637	E011BFL924BC	546	E011CFL927OG	546
E009FLTUWD8FE	637	E011BFL924DG	546	E011CFL930BA	546
E009MFTUWD8FE	637	E011BFL924OG	546	E011CFL930BC	546
E009NFTUWD8FE	637	E011BFL927BA	546	E011CFL930DG	546
E009SPTUWD8FE	637	E011BFL927BC	546	E011CFL930OG	546
E011AFL924BA	546	E011BFL927DG	546	E011CFL940BA	546
E011AFL924BC	546	E011BFL927OG	546	E011CFL940BC	546
E011AFL924DG	546	E011BFL930BA	546	E011CFL940DG	546
E011AFL924OG	546	E011BFL930BC	546	E011CFL940OG	546
E011AFL927BA	546	E011BFL930DG	546	E011CGR924BA	546
E011AFL927BC	546	E011BFL930OG	546	E011CGR924BC	546
E011AFL927DG	546	E011BFL940BA	546	E011CGR924DG	546
E011AFL927OG	546	E011BFL940BC	546	E011CGR924OG	546
E011AFL930BA	546	E011BFL940DG	546	E011CGR927BA	546
E011AFL930BC	546	E011BFL940OG	546	E011CGR927BC	546
E011AFL930DG	546	E011BGR924BA	546	E011CGR927DG	546
E011AFL930OG	546	E011BGR924BC	546	E011CGR927OG	546
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E011AFL940BC	546	E011BGR924OG	546	E011CGR930BC	546
E011AFL940DG	546	E011BGR927BA	546	E011CGR930DG	546
E011AFL940OG	546	E011BGR927BC	546	E011CGR930OG	546
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E011AGR924DG	546	E011BGR930BA	546	E011CGR940DG	546
E011AGR924OG	546	E011BGR930BC	546	E011CGR940OG	546
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E011AGR930DG	546	E011BMF924BA	546	E011CMF927DG	546
E011AGR930OG	546	E011BMF924BC	546	E011CMF927OG	546
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E011AMF930OG	546	E011BNS927BC	546	E011CNS930OG	546
E011AMF940BA	546	E011BNS927DG	546	E011CNS940BA	546
E011AMF940BC	546	E011BNS927OG	546	E011CNS940BC	546
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E011ASP924DG	546	E011BSP930BA	546	E011CSP940DG	546
E011ASP924OG	546	E011BSP930BC	546	E011CSP940OG	546
E011ASP927BA	546	E011BSP930DG	546	E011DFL924BA	546
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E011ASP927DG	546	E011BSP940BA	546	E011DFL924DG	546
E011ASP927OG	546	E011BSP940BC	546	E011DFL924OG	546
E011ASP930BA	546	E011BSP940DG	546	E011DFL927BA	546
E011ASP930BC	546	E011BSP940OG	546	E011DFL927BC	546
E011ASP930DG	546	E011CFL924BA	546	E011DFL927DG	546
E011ASP930OG	546	E011CFL924BC	546	E011DFL927OG	546
E011ASP940BA	546	E011CFL924DG	546	E011DFL930BA	546
E011ASP940BC	546	E011CFL924OG	546	E011DFL930BC	546
E011ASP940DG	546	E011CFL927BA	546	E011DFL930DG	546
E011ASP940OG	546	E011CFL927BC	546	E011DFL930OG	546

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E013MFL827ELCSS	384	E013WWH840DAASS	385	E014MWR840DACCB	384
E013MFL830DAACB	384	E013WWH840DACCB	385	E014MWR840ELACB	384
E013MFL830DAASS	384	E013WWH840DACSS	385	E014MWR840ELASS	384
E013MFL830DACC	384	E013WWH840ELACB	385	E014MWR840ELCCB	384
E013MFL830DACSS	384	E013WWH840ELASS	385	E014MWR840ELCSS	384
E013MFL830ELACB	384	E013WWH840ELCCB	385	E014NSR827DAACB	384
E013MFL830ELASS	384	E013WWH840ELCSS	385	E014NSR827DAASS	384
E013MFL830ELCCB	384	E013WWHRGWMXACB	385	E014NSR827DACC	384
E013MFL830ELCSS	384	E013WWHRGWMXASS	385	E014NSR827DACSS	384
E013MFL840DAACB	384	E013WWHRGWMXC	385	E014NSR827ELACB	384
E013MFL840DAASS	384	E013WWHRGWMXCSS	385	E014NSR827ELASS	384
E013MFL840DACC	384	E013ZMH827DAACB	384	E014NSR827ELCCB	384
E013MFL840DACSS	384	E013ZMH827DAASS	384	E014NSR827ELCSS	384
E013MFL840ELACB	384	E013ZMH827DACC	384	E014NSR830DAACB	384
E013MFL840ELASS	384	E013ZMH827DACSS	384	E014NSR830DAASS	384
E013MFL840ELCCB	384	E013ZMH827ELACB	384	E014NSR830DACC	384
E013MFL840ELCSS	384	E013ZMH827ELASS	384	E014NSR830DACSS	384
E013SPL827DAACB	384	E013ZMH827ELCCB	384	E014NSR830ELACB	384
E013SPL827DAASS	384	E013ZMH827ELCSS	384	E014NSR830ELASS	384
E013SPL827DACC	384	E013ZMH830DAACB	384	E014NSR830ELCCB	384
E013SPL827DACSS	384	E013ZMH830DAASS	384	E014NSR830ELCSS	384
E013SPL827ELACB	384	E013ZMH830DACC	384	E014NSR840DAACB	384
E013SPL827ELASS	384	E013ZMH830DACSS	384	E014NSR840DAASS	384
E013SPL827ELCCB	384	E013ZMH830ELACB	384	E014NSR840DACC	384
E013SPL827ELCSS	384	E013ZMH830ELASS	384	E014NSR840DACSS	384
E013SPL830DAACB	384	E013ZMH830ELCCB	384	E014NSR840ELACB	384
E013SPL830DAASS	384	E013ZMH830ELCSS	384	E014NSR840ELASS	384
E013SPL830DACC	384	E013ZMH840DAACB	384	E014NSR840ELCCB	384
E013SPL830DACSS	384	E013ZMH840DAASS	384	E014NSR840ELCSS	384
E013SPL830ELACB	384	E013ZMH840DACC	384	E015FLL830DAACB	386
E013SPL830ELASS	384	E013ZMH840DACSS	384	E015FLL830DAASS	386
E013SPL830ELCCB	384	E013ZMH840ELACB	384	E015FLL830DACC	386
E013SPL830ELCSS	384	E013ZMH840ELASS	384	E015FLL830DACSS	386
E013SPL840DAACB	384	E013ZMH840ELCCB	384	E015FLL830ELACB	386
E013SPL840DAASS	384	E013ZMH840ELCSS	384	E015FLL830ELASS	386
E013SPL840DACC	384	E013ZMHRGWMXACB	385	E015FLL830ELCCB	386
E013SPL840DACSS	384	E013ZMHRGWMXASS	385	E015FLL830ELCSS	386
E013SPL840ELACB	384	E013ZMHRGWMXC	385	E015FLL840DAACB	386
E013SPL840ELASS	384	E013ZMHRGWMXCSS	385	E015FLL840DAASS	386
E013SPL840ELCCB	384	E014MFR827DAACB	384	E015FLL840DACC	386
E013SPL840ELCSS	384	E014MFR827DAASS	384	E015FLL840DACCB	386
E013VNL827DAACB	384	E014MFR827DACC	384	E015FLL840ELACB	386
E013VNL827DAASS	384	E014MFR827DACSS	384	E015FLL840ELASS	386
E013VNL827DACC	384	E014MFR827ELACB	384	E015FLL840ELCCB	386
E013VNL827DACSS	384	E014MFR827ELASS	384	E015FLL840ELCSS	386
E013VNL827ELACB	384	E014MFR827ELCCB	384	E015FLR827DAACB	386
E013VNL827ELASS	384	E014MFR827ELCSS	384	E015FLR827DAASS	386
E013VNL827ELCCB	384	E014MFR830DAACB	384	E015FLR827DACC	386
E013VNL827ELCSS	384	E014MFR830DAASS	384	E015FLR827DACSS	386
E013VNL830DAACB	384	E014MFR830DACC	384	E015FLR827ELACB	386
E013VNL830DAASS	384	E014MFR830DACSS	384	E015FLR827ELASS	386
E013VNL830DACC	384	E014MFR830ELACB	384	E015FLR827ELCCB	386
E013VNL830DACSS	384	E014MFR830ELASS	384	E015FLR827ELCSS	386
E013VNL830ELACB	384	E014MFR830ELCCB	384	E015FLR830DAACB	386
E013VNL830ELASS	384	E014MFR830ELCSS	384	E015FLR830DAASS	386
E013VNL830ELCCB	384	E014MFR840DAACB	384	E015FLR830DACC	386
E013VNL830ELCSS	384	E014MFR840DAASS	384	E015FLR830DACSS	386
E013VNL840DAACB	384	E014MFR840DACC	384	E015FLR830ELACB	386
E013VNL840DAASS	384	E014MFR840DACSS	384	E015FLR830ELASS	386
E013VNL840DACC	384	E014MFR840ELACB	384	E015FLR830ELCCB	386
E013VNL840DACSS	384	E014MFR840ELASS	384	E015FLR830ELCSS	386
E013VNL840ELACB	384	E014MFR840ELCCB	384	E015FLR840DAACB	386
E013VNL840ELASS	384	E014MFR840ELCSS	384	E015FLR840DAASS	386
E013VNL840ELCCB	384	E014MWR827DAACB	384	E015FLR840DACC	386
E013VNL840ELCSS	384	E014MWR827DAASS	384	E015FLR840DACCB	386
E013WWH827DAACB	385	E014MWR827DACC	384	E015FLR840ELACB	386
E013WWH827DAASS	385	E014MWR827DACSS	384	E015FLR840ELASS	386
E013WWH827DACC	385	E014MWR827ELACB	384	E015FLR840ELCCB	386
E013WWH827DACSS	385	E014MWR827ELASS	384	E015FLR840ELCSS	386
E013WWH827ELACB	385	E014MWR827ELCCB	384	E015FLRRGWMXACB	387
E013WWH827ELASS	385	E014MWR827ELCSS	384	E015FLRRGWMXASS	387
E013WWH827ELCCB	385	E014MWR830DAACB	384	E015FLRRGWMXC	387
E013WWH827ELCSS	385	E014MWR830DAASS	384	E015FLRRGWMXCSS	387
E013WWH830DAACB	385	E014MWR830DACC	384	E015MFL830DAACB	386
E013WWH830DAASS	385	E014MWR830DACSS	384	E015MFL830DAASS	386
E013WWH830DACC	385	E014MWR830ELACB	384	E015MFL830DACC	386
E013WWH830DACSS	385	E014MWR830ELASS	384	E015MFL830DACSS	386
E013WWH830ELACB	385	E014MWR830ELCCB	384	E015MFL830ELACB	386
E013WWH830ELASS	385	E014MWR830ELCSS	384	E015MFL830ELASS	386
E013WWH830ELCCB	385	E014MWR840DAACB	384	E015MFL830ELCCB	386
E013WWH830ELCSS	385	E014MWR840DAASS	384		

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E017MFL830ELASS	387	E024AFL930DG	546	E024BSP940BA	546
E017MFL830ELCCB	387	E024AFL930OG	546	E024BSP940BC	546
E017MFL830ELCSS	387	E024AFL940BA	546	E024BSP940DG	546
E017MFL840DAACB	387	E024AFL940BC	546	E024BSP940OG	546
E017MFL840DAASS	387	E024AFL940DG	546	E024CFL924BA	546
E017MFL840DACCB	387	E024AFL940OG	546	E024CFL924BC	546
E017MFL840DACSS	387	E024ALL924BA	546	E024CFL924DG	546
E017MFL840ELACB	387	E024ALL924BC	546	E024CFL924OG	546
E017MFL840ELASS	387	E024ALL924DG	546	E024CFL927BA	546
E017MFL840ELCCB	387	E024ALL924OG	546	E024CFL927BC	546
E017MFL840ELCSS	387	E024ALL927BA	546	E024CFL927DG	546
E017SPL830DAACB	387	E024ALL927BC	546	E024CFL927OG	546
E017SPL830DAASS	387	E024ALL927DG	546	E024CFL930BA	546
E017SPL830DACCB	387	E024ALL927OG	546	E024CFL930BC	546
E017SPL830DACSS	387	E024ALL930BA	546	E024CFL930DG	546
E017SPL830ELACB	387	E024ALL930BC	546	E024CFL930OG	546
E017SPL830ELASS	387	E024ALL930DG	546	E024CFL940BA	546
E017SPL830ELCCB	387	E024ALL930OG	546	E024CFL940BC	546
E017SPL830ELCSS	387	E024ALL940BA	546	E024CFL940DG	546
E017SPL840DAACB	387	E024ALL940BC	546	E024CFL940OG	546
E017SPL840DAASS	387	E024ALL940DG	546	E024CLL924BA	546
E017SPL840DACCB	387	E024ALL940OG	546	E024CLL924BC	546
E017SPL840DACSS	387	E024ASP924BA	546	E024CLL924DG	546
E017SPL840ELACB	387	E024ASP924BC	546	E024CLL924OG	546
E017SPL840ELASS	387	E024ASP924DG	546	E024CLL927BA	546
E017SPL840ELCCB	387	E024ASP924OG	546	E024CLL927BC	546
E017SPL840ELCSS	387	E024ASP927BA	546	E024CLL927DG	546
E018FLL82724CSS	389	E024ASP927BC	546	E024CLL927OG	546
E018FLL83024CSS	389	E024ASP927DG	546	E024CLL930BA	546
E018FLL84024CSS	389	E024ASP927OG	546	E024CLL930BC	546
E018SPL82724CSS	389	E024ASP930BA	546	E024CLL930DG	546
E018SPL83024CSS	389	E024ASP930BC	546	E024CLL930OG	546
E018SPL84024CSS	389	E024ASP930DG	546	E024CLL940BA	546
E019FLL82724CSS	389	E024ASP930OG	546	E024CLL940BC	546
E019FLL83024CSS	389	E024ASP940BA	546	E024CLL940DG	546
E019FLL84024CSS	389	E024ASP940BC	546	E024CLL940OG	546
E019SPL82724CSS	389	E024ASP940DG	546	E024CSP924BA	546
E019SPL83024CSS	389	E024ASP940OG	546	E024CSP924BC	546
E019SPL84024CSS	389	E024BFL924BA	546	E024CSP924DG	546
E020MFL82724CSS	389	E024BFL924BC	546	E024CSP924OG	546
E020MFL83024CSS	389	E024BFL924DG	546	E024CSP927BA	546
E020MFL84024CSS	389	E024BFL924OG	546	E024CSP927BC	546
E020SPL82724CSS	389	E024BFL927BA	546	E024CSP927DG	546
E020SPL83024CSS	389	E024BFL927BC	546	E024CSP927OG	546
E020SPL84024CSS	389	E024BFL927DG	546	E024CSP930BA	546
E021FLL82724CSS	388	E024BFL927OG	546	E024CSP930BC	546
E021FLL83024CSS	388	E024BFL930BA	546	E024CSP930DG	546
E021FLL84024CSS	388	E024BFL930BC	546	E024CSP930OG	546
E021SPL82724CSS	388	E024BFL930DG	546	E024CSP940BA	546
E021SPL83024CSS	388	E024BFL930OG	546	E024CSP940BC	546
E021SPL84024CSS	388	E024BFL940BA	546	E024CSP940DG	546
E021WFL82724CSS	388	E024BFL940BC	546	E024CSP940OG	546
E021WFL83024CSS	388	E024BFL940DG	546	E024DFL924BA	546
E021WFL84024CSS	388	E024BFL940OG	546	E024DFL924BC	546
E022FLL82724CSS	388	E024BLL924BA	546	E024DFL924DG	546
E022FLL83024CSS	388	E024BLL924BC	546	E024DFL924OG	546
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E022MFL82724CSS	388	E024BLL924OG	546	E024DFL927BC	546
E022MFL83024CSS	388	E024BLL927BA	546	E024DFL927DG	546
E022MFL84024CSS	388	E024BLL927BC	546	E024DFL927OG	546
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E022MWL83024CSS	388	E024BLL927OG	546	E024DFL930BC	546
E022MWL84024CSS	388	E024BLL930BA	546	E024DFL930DG	546
E023FLL82724CSS	388	E024BLL930BC	546	E024DFL930OG	546
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E023FLL84024CSS	388	E024BLL930OG	546	E024DFL940BC	546
E023MWL82724CSS	388	E024BLL940BA	546	E024DFL940DG	546
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E024ELL940DG	546	L0019271965	2	S-9011-R/6-W	147
E024ELL940OG	546	L0019272420	2	S-9013-R/6-B	147
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E024ESP924BC	546	L0019301420	2	S-9017-R/6-B	147
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T030MY830ELDB	288	T032SPL940DADB	126	T035MFL930DADB	127
T030MY830ELPW	288	T032SPL940DAPW	126	T035MFL930DAPW	127
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T030MY940D2PW	288	T032SPR940CAPW	126	T035MWR930CAPW	127
T030MY940ELDB	288	T032SPR940DADB	126	T035MWR930DADB	127
T030MY940ELPW	288	T032SPR940DAPW	126	T035MWR930DAPW	127
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T032MWR940ELPW	126	T035FLL930ELDB	127	T036DBS930CAPW	128
T032NSL930CADB	126	T035FLL930ELPW	127	T036DBS940CADB	128
T032NSL930CAPW	126	T035FLL940CADB	127	T036DBS940CAPW	128
T032NSL930DADB	126	T035FLL940CAPW	127	T036DBS940CADB	128
T032NSL930DAPW	126	T035FLL940DADB	127	T036DBS940CAPW	128
T032NSL930ELDB	126	T035FLL940DAPW	127	T036ZMP930CADB	128
T032NSL930ELPW	126	T035FLL940ELDB	127	T036ZMP930CAPW	128
T032NSL940CADB	126	T035FLL940ELPW	127	T036ZMP930DADB	128
T032NSL940CAPW	126	T035FLR930CADB	127	T036ZMP930DAPW	128
T032NSL940DADB	126	T035FLR930CAPW	127	T036ZMP930ELDB	128
T032NSL940DAPW	126	T035FLR930DADB	127	T036ZMP930ELPW	128
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T032NSL940ELPW	126	T035FLR930ELPW	127	T036ZMP940DADB	128
		T035FLR930ELPW	127	T036ZMP940DAPW	128
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		T035FLR930ELPW	127	T036ZMP940ELPW	128

COD.	PAG.	COD.	PAG.	COD.	PAG.
T042FM840DAPW	57				
T042FM840ELPW	57				
T042SF830DAPW	56				
T042SF830ELPW	56				
T042SF840DAPW	56				
T042SF840ELPW	56				
T042SM830DAPW	56				
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T042WW840ELPW	57				
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T043WFR930ELDB	112				
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T043WWR930ELDB	112				
T043WWR930ELPW	112				
T043WWR940ELDB	112				
T043WWR940ELPW	112				
XLG-100-24-A	7				
XLG-150-24-A	7				
XLG-200-24-A	7				
ZK7380-D	8				
ZKC1-10FF	8				
ZKCDAFF	8				



TARGETTI SANKEY Srl
Certificated ISO 9001 n° 9130. TAR1
Certificated ISO 14001 n° IT319206

The Enec mark, ISO9001 and ISO14001 certifications and the CE marking 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.

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;
- For products in Class III performance is only guaranteed using the electronic power supplies and drivers indicated in the catalogue.



Targetti offers a five years warranty on the products (unless otherwise specified). The extension of guarantee does not apply to all the products for light management and control systems, both by Targetti and those by third parties. The five years warranty is valid from the invoice date and covers any manufacturing and/or material defect found in products, if they are used in accordance with their intended use. The warranty terms are available on the Extension of guarantee.









Consorzio ecolight

Targetti Sankey Srl 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.










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Icons legend

	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.
	Solid particle and liquid ingress protection degree.
	Protection degree - Recessed part . Protection degree - Exposed part.
	Impact protection degree.
	ENEC European Norms Electrical Certification.

Particular symbols

	Weight of the single fixture
	Cable length
	Walk-over
	Driver-over safe
	Fixtures that have parameters below the minimum visibility threshold $PstLM \leq 1$ and $SVM \leq 0.4$ (IEC TR 61547-1 and IEC TR 63158).
	Casambi with accessories
	Casambi ready
	DMX on board
	DBS (Dynamic Beam Shaping) optic system

Light beam apertures

Optics	Optic description	from	to
NSP	Narrow Spot	5°	10°
SP	Spot	11°	21°
FL	Flood	22°	40°
MWFL	Medium Wide Flood	41°	50°
WFL	Wide Flood	51°	70°
VWFL	Very Wide Flood	71°	120°
WW	Wall Washer		
ASY	Asymmetric		
FW	Floor Washer		
ELL	Elliptical		
ELT	Elliptical Transversal		
AMB	Ambient		
OPL	Opal		
GRZ	Grazing		
UGR	UGR		
ZOOM	Zoom		
DBS	Dynamic Beam Shaping		

Note

- Please contact us for on demand treatments and versions.
- The performances reported on the products refer to the use of the recommended drivers.
- The drivers selected by Targetti make the fixtures "Safe Flicker".

Targetti colours and materials

Finishes Indoor

Matt Finishing



PW
Plaster White



DB
Deep Black



SG
Sandstone Grey



FW
Florentine White

Brilliant Finishing



MZ
Aluminium grey



SI
Silver



BC
Burnished Copper

Textured Finishing



FE
Ferrite



HB
Heritage brown

Finishes Outdoor

Matt Finishing



SG
Sandstone Grey



FW
Florentine White



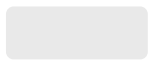
DG
Dune Grey

Brilliant Finishing



BC
Burnished Copper

Textured Matt Finishing



WT
White textured



BT
Black textured



FE
Ferrite grey



HB
Heritage Brown



BZ
Bronze



OG
Olive Green

Materials



Steel



Aluminium



Black anodized
aluminium



Copper



In addition to the standard finishes, Indoor and outdoor products that feature the "Easy Custom Colour" icon on the family introductory page can access the Colours Targetti program that includes, in addition to the colours described above.

Subject to feasibility checks. For more information, contact one of our sales consultants.

targetti.com/en/contacts

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Find the sales representative
closest to you!



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