The Collection

T25

TARGETTI

Indice

Indoor

Ledstrip

Outdoor

Light management system

Indoor

Downlight | Fixed

CCTEVO DOWNLIGHT

26

Ø 214mm   Ø 160mm   Ø 105mm   Ø 78mm   Ø 58mm   Ø 38mm

CCTEVO WALL WASHER

42

Ø 160mm   Ø 105mm   Ø 78mm

CCTLED

48

Ø 160mm

THREESIXTY

316

Ø 1150mm   Ø 870mm   Ø 590mm   Ø 384mm

OZ STAND ALONE

56

1x   3x   5x

BEBOP

70

Downlight | Adjustable

CCTEVO ARCHITECTURAL

72

Ø 160mm   Ø 105mm   Ø 78mm   Ø 58mm

CCTEVO ESTRAIBILE

90

Ø 162mm   Ø 125mm

Projector | on Track

ZENO
98

Ø 184mm Ø 134mm Ø 105mm

RAY
114

Ø 115mm Ø 75mm

LABEL
128

Ø 87mm Ø 76mm Ø 59mm

CAPSULE
138

Ø 70mm Ø 60mm

TRACKS EUROSTANDARD
140

Recessed
Ceiling-mounted
Suspension

Projector | Surface

JEDI COMPACT INDOOR
144

CORO
150

Ø 119mm Ø 82mm

VOLTA
160

Indoor

Lighting System | 48V

OZ

166

Recessed
Surface
Suspension

FORTYEIGHT

194

Recessed
Surface
Suspension

Lighting System | 230V

LOGICO EASY

216

Ceiling mounted
Suspension

LOGICO

244

Recessed
Ceiling mounted
Suspension

Ceiling-mounted, suspension and wall-mounted

OZ STAND ALONE

272

5x
Ceiling-mounted

3x
Ceiling-mounted

LOGICO EASY STAND ALONE

278

Ceiling-mounted
Suspension

OMEGA

332

Suspension

Wall-mounted

CCTEVO TUBE

290

Ø 180mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 140mm
Ceiling-mounted
Suspension
Wall-mounted

LABEL 230

304

Ø 70mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 60mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 40mm
Ceiling-mounted
Suspension
Wall-mounted

THREESIXTY

316

Ø 1150mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

Ø 870mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

Ø 590mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

Ø 384mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

ZENO

338

Ø 184mm
Wall-mounted

Ø 134mm
Wall-mounted

SLIM

342

Wall-mounted

HALL

344

Wall-mounted

Indoor/Outdoor

Ledstrip

LIGHTWAVES PRO240
356
IP20
IP65

LIGHTWAVES PRO EVO
357
IP20
IP68

LIGHTWAVES HIGH EFFICIENCY
358
IP20
IP68

LIGHTWAVES GRAZING
360
IP67

LIGHTWAVES WALL WASHER
360
IP67

Outdoor

In-ground luminaires | Circular

KEPLERO
366
Ø 280mm
Fixed
Adjustable
RGBW

Ø 160mm
Fixed
Adjustable
RGBW

Ø 160mm - Inox
Fixed

Ø 80mm
Fixed

Ø 50mm
Fixed

TITANO
398
Ø 169mm

Outdoor

In-ground luminaires | Linear

JEDI
400

JEDI COMPACT
406

MINIMERCURE
428

Projector
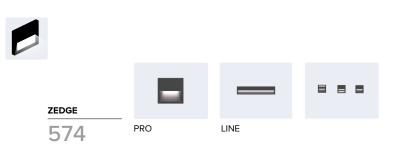
VADER
432
Ø 97mm

DART ROUND
448
Ø 235mm   Ø 130mm   Ø 88mm

DART
468
214x214mm   134x134mm   76x76mm

JUPITER
484
PRO
Ø 50mm
PRO Small
Ø 40mm
MINI
Ø 38mm

PYROS
494
NANO PYROS
Ø 107mm
PICO PYROS
Ø 60mm

JEDI
498

JEDI Compact
510

VOLTA
160

Outdoor

Lighting System | 24V/48V

CATIRPEL

530

NEW

Surface

IVY

552

**Recessed
Surface**

Wall-mounted | Recessed

ZEDGE

574

PRO

LINE

Wall-mounted | Applique

MRS BO

594

WALL

MR/MRS SMITH

600

MR

MRS

FEBO EVO

606

STILO

612

WALL FLAT

Bollard

MRS BO

618

| H. 1000mm | H. 800mm | H. 400mm | H. 150mm |

MR BO

628

| H. 1000mm | H. 800mm | H. 400mm |

ZEDGE PRO

574

| PRO H. 1000mm | PRO H. 800mm | PRO H. 400mm |

ZEDGE

636

H. 400mm

LUCERA

640

H. 1000mm

Pole system

LUCERA

646

H. 3500mm
H. 5000mm

TW RGBW
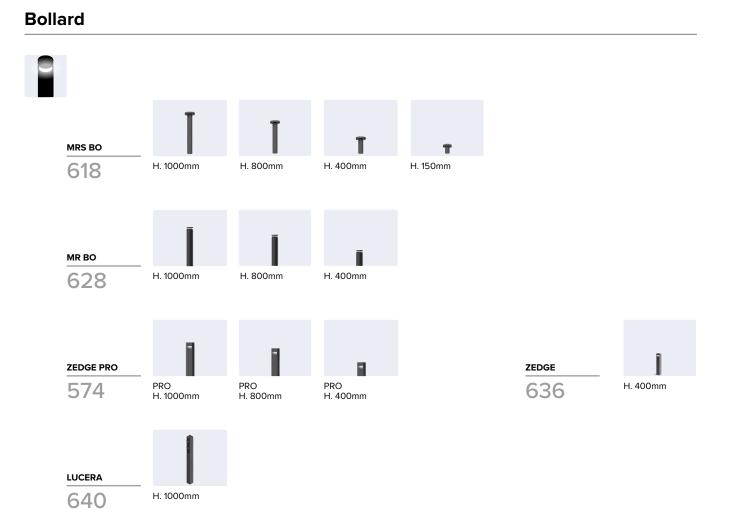
WE ARE
TARGETTI

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.

La cultura nel nostro DNA
Living and working in Florence cannot fail to influence our approach to culture and way of lighting, it is part of our DNA, of our way of being. We are constantly surrounded by culture and we treat it with absolute respect. Enhancing artistic and cultural heritage requires knowledge, respect and creative sensitivity.

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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. It is these solutions, with these characteristics, that ensure the company presents itself on the market as credible and reliable, capable of actually contributing to improving the environment we live in.

Our office of the Optical Division studio all of our optic systems
Targetti always work on the optic systems ensure that there is contrast between 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
The space is correctly illuminated by the Target and the main view. 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.

UNI EN ISO 9001:2015 (management system quality certification)

ISO 14001 (environmental management system certification)

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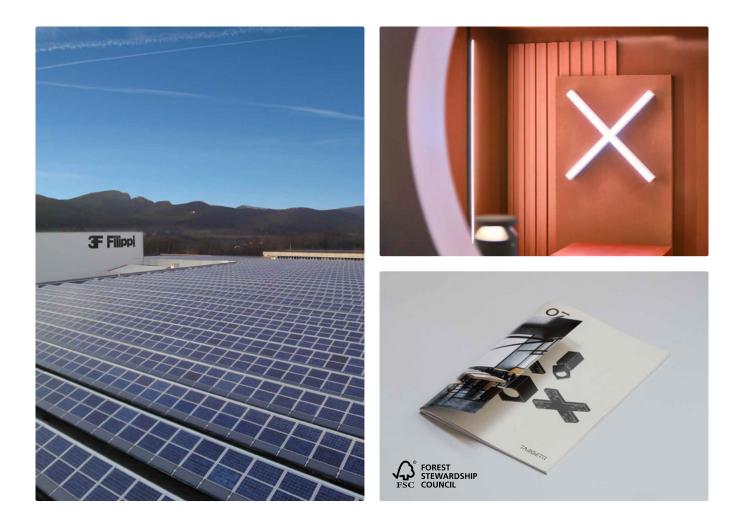
Logistics
We export all over the world so we are aware that shipments have a significant impact on environmental sustainability:

- 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.

FSC FOREST STEWARDSHIP COUNCIL

Company
On a global the 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 -Targetti 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 – Targetti 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.
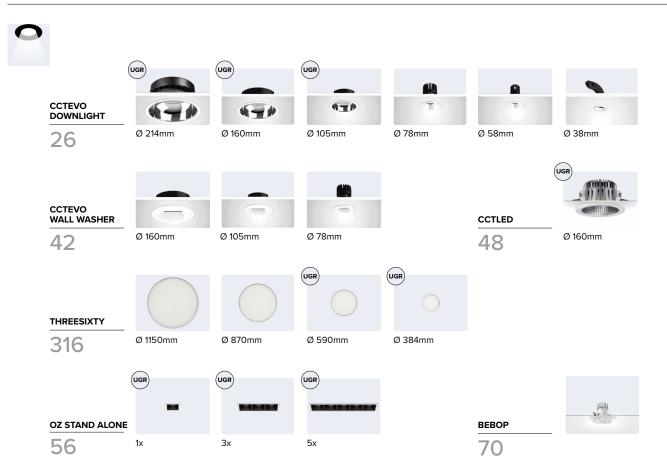
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DOWNLIGHT

Indoor

Downlight | Fixed

CCTEVO DOWNLIGHT

26

Ø 214mm   Ø 160mm   Ø 105mm   Ø 78mm   Ø 58mm   Ø 38mm

CCTEVO WALL WASHER

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CCTLED

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Ø 160mm

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CCTEVO ESTRAIBILE

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Ø 162mm   Ø 125mm

CCTEVO DOWNLIGHT
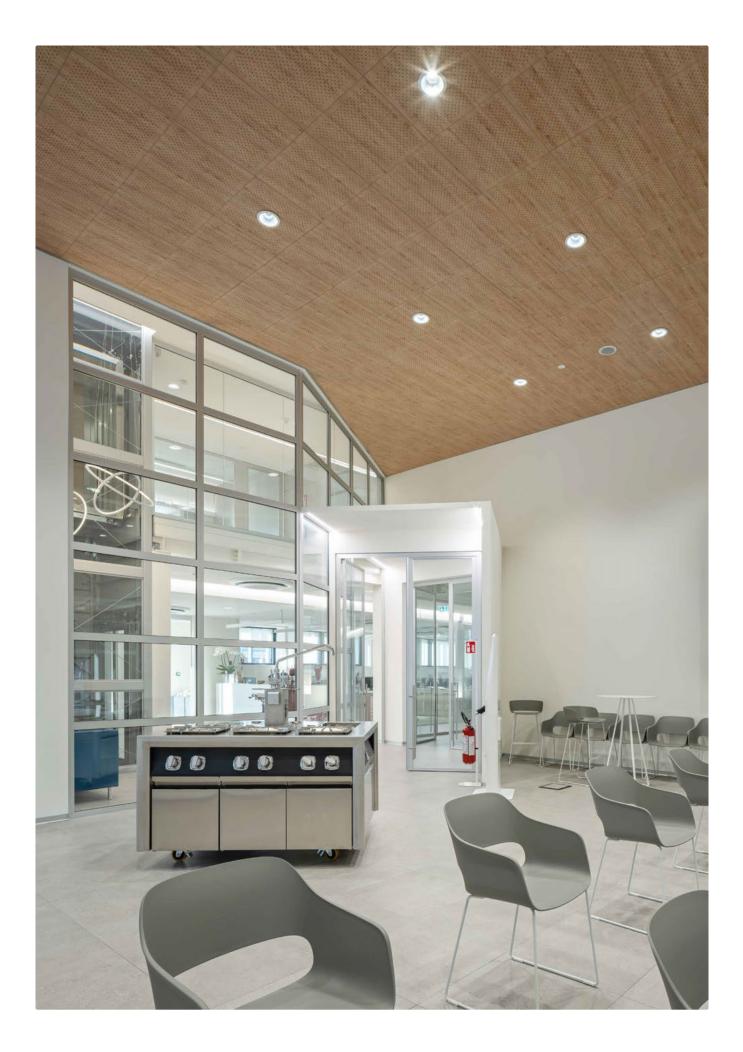
CCTEvo Downlight is a range of recessed fixtures which are characterised by the essentiality of the shapes, depth of the range, excellent performance and high efficiency. A complete product particularly suited for lighting work and retail environments where reliability, high efficiency and quality of 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	Easy Custom Colours
CONTROL			**POWER SUPPLY**		**FINISH**		

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

ON REQUEST

Recessed

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

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

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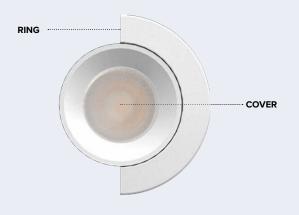
CCTEVO DOWNLIGHT 38
Ø 38 mm
Trim - Trimless
SP-FL-WFL

RING

COVER

TRI MM AND TRIMLESS FINISH
The Tri mm 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 115lm
- 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	WFL (UGR)
Depth 98 mm	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 100lm/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
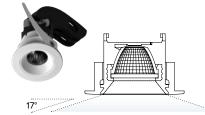
Versions for Retail and Hospitality

Recessed

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.

17°

45°

Ø 38 mm

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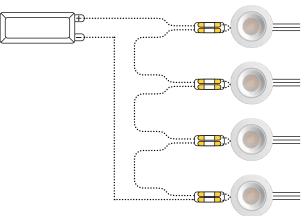
Each luminaire can be powered with a single driver or choose the 4x driver option which can support up to 4 downlights simultaneously.

Multiple configuration

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

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

Versions ⌀38mm

Ø214
Up to 129lm/W
From 3919lm to 6536lm
2700K - 3000K - 3500K - 4000K
Ra80 - Ra90

TS1569 Imax=860cd/klm	TS1566 Imax=485cd/klm
WFL (UGR) 62°	VWFL 88°
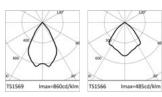
Ø160
Up to 138lm/W
From 2188lm to 4395lm
2700K - 3000K - 3500K - 4000K
Ra80 - Ra90

TS1570 Imax=767cd/klm	TS1571 Imax=473cd/klm
UGR 63°	VWFL 89°

Ø105
Up to 116lm/W
From 1456lm to 1982lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1271 Imax=835cd/klm	TS1273 Imax=472cd/klm
UGR 61°	VWFL 87°

Ø78
Up to 109lm/W
From 1240lm to 1442lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1266 Imax=1709cd/klm	TS1680 Imax=1125cd/klm
FL 39°	VWFL 54°
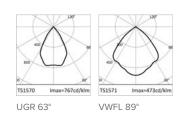
Ø58
Up to 99lm/W
From 804lm to 957lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1337 Imax=1703cd/klm	TS1338 Imax=984cd/klm
FL 38°	VWFL 55°

Ø38
Up to 86lm/W
From 302lm to 539lm
2700K - 3000K - 3500K - 4000K
Ra90
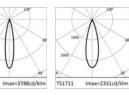
TS1712 Imax=2326cd/klm	TS1713 Imax=862cd/klm
FL 30°	VWFL 53°
TS1710 Imax=3788cd/klm	TS1711 Imax=2331cd/klm
Cut-Off SP 20°	Cut-Off FL 29°

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 242.

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 242.

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 242.

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 242.

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 242.

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 242.

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 242.

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 242.

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

Ø85 Ø78

Note Related codes and accessory codes on page 242.

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

Ø72
140
72
Ø72

Note Related codes and accessory codes on page 242.

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

Ø65 Ø58

Note Related codes and accessory codes on page 242.
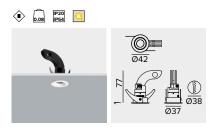
CCTEVO DOWNLIGHT 58 Trimless
220-240Vac | Ra90 | Fixture flux 3000K from 856lm to 885lm

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

Ø53
102
52
Ø53

Note Related codes and accessory codes on page 242.

CCTEVO DOWNLIGHT 38

500mA I Ra90 I 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 242.

CCTEVO DOWNLIGHT 38 CUT-OFF

500mA I Ra90 I Fixture flux 3000K from 320lm to 374lm
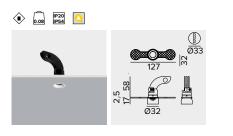
Optic	Colour	2700K	3000K	3500K	4000K
SP 20° 6W	◐	2T0032	2T0033	2T0034	2T0035
	●	2T0036	2T0037	2T0038	2T0039
FL 29° 6W	◐	2T0040	2T0041	2T0042	2T0043
	●	2T0044	2T0045	2T0046	2T0047

Note   Related codes and accessory codes on page 242.

CCTEVO DOWNLIGHT 38 Trimless

500mA I Ra90 I Fixture flux 3000K from 481lm to 504lm
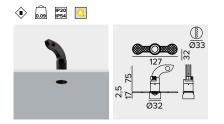
Optic	Colour	2700K	3000K	3500K	4000K
FL 30° 6W	○	2T0016TR	2T0017TR	2T0018TR	2T0019TR
	●	2T0020TR	2T0021TR	2T0022TR	2T0023TR
WFL 53° 6W	○	2T0024TR	2T0025TR	2T0026TR	2T0027TR
	●	2T0028TR	2T0029TR	2T0030TR	2T0031TR

Note   Related codes and accessory codes on page 242.

CCTEVO DOWNLIGHT 38 CUT-OFF Trimless

500mA I Ra90 I Fixture flux 3000K from 320lm to 374lm
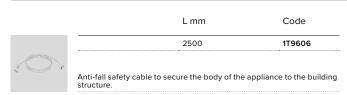
Optic	Colour	2700K	3000K	3500K	4000K
SP 20° 6W	●	2T0036TR	2T0037TR	2T0038TR	2T0039TR
FL 29° 6W	●	2T0044TR	2T0045TR	2T0046TR	2T0047TR

Note   Related codes and accessory codes on page 242.

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 green signalling LED.
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.
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			Code
	1T5349			**2T0131**

IP20 wireless control unit with DALI interface.
More details on page 676.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

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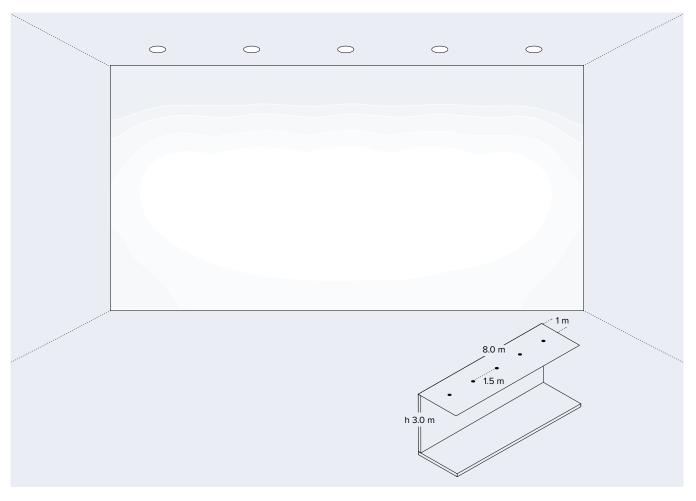
B
A holographic acrylic diffuser screen that in addition to diffusing the light provides the optical unit with an IP54 rating.

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.
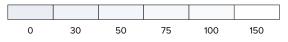
The CCTEvo Wall Washer is available in three different sizes, ø160mm, ø105mm and ø78mm. The ø105mm and ø78mm versions are available with a finishing ring (black or white) or trimless without a visible ring. The CCTEvo Wall Washer can be powered by an ON-OFF or a DALI driver for applications with a BUS system or Casambi. This makes it suitable for different application solutions, from small spaces to large projects.

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

0	30	50	75	100	150

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 47.

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 47.

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 47.

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 47.

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 47.

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
	1T5349

IP20 wireless control unit with DALI interface.
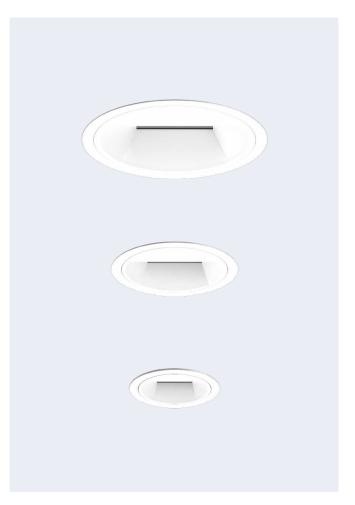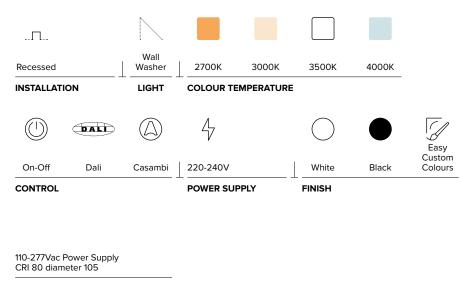More details on page 676.

	Code
	2T0131
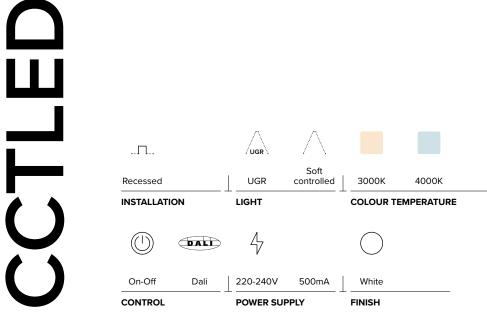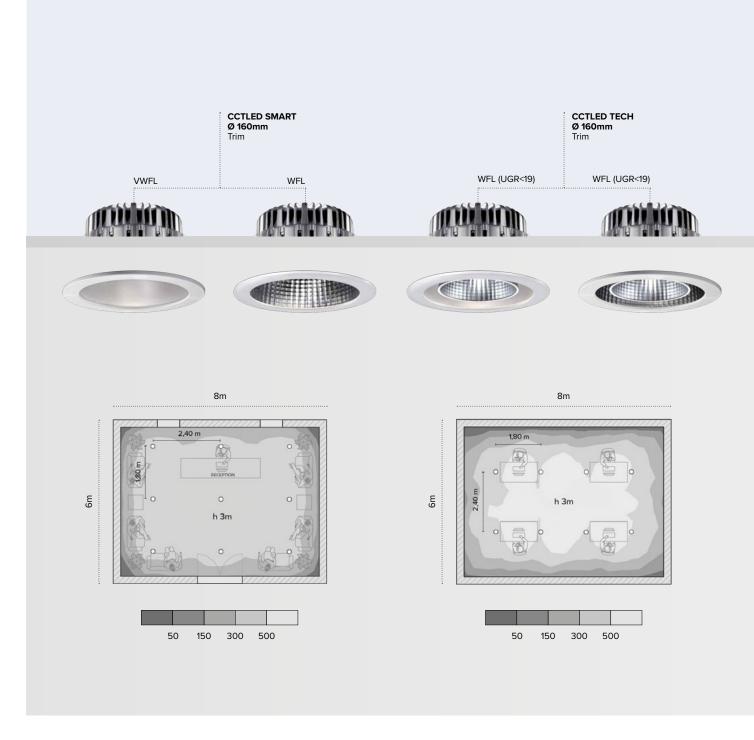
IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

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.

CCTLED

Recessed	UGR	Soft controlled	3000K 4000K
INSTALLATION	**LIGHT**		**COLOUR TEMPERATURE**

On-Off Dali	220-240V 500mA	White
CONTROL	**POWER SUPPLY**	**FINISH**

CCTLED SMART
Ø 160mm
Trim

CCTLED TECH
Ø 160mm
Trim

VWFL

WFL

WFL (UGR<19)

WFL (UGR<19)

8m

6m

2,40 m

1,80 m

RECEPTION

h 3m

| | 50 | 150 | 300 | 500 | |

8m

6m

1,80 m

2,40 m

h 3m

| | 50 | 150 | 300 | 500 | |

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

CCTLED FEEL
Ø 160mm
Trim
WFL (UGR<19)

CCTLED WALL WASHER
Ø 160mm
Trim
WW

8m

1,40 m

1,40 m

h 3m

6m

50	150	300	500	

1,20 m

1,00 m

h 3m

50	150	300	500	
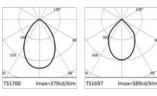
CCTLED SMART
Up to 129lm/W
From 3447lm to 3679lm
3000K - 4000K
Ra80

Matt

Faceted

TS1700   Imax=379cd/klm

TS1697   Imax=589cd/klm

Matt
VWFL 83°

Faceted
WFL

CCTLED TECH
Up to 133lm/W
From 2588lm to 2621lm
3000K - 4000K
Ra80

Matt

Faceted

TS1698   Imax=564cd/klm

TS1701   Imax=702cd/klm

Matt
WFL 70°

Faceted
WFL

CCTLED FEEL
Up to 88lm/W
From 1724lm to 1742lm
3000K - 4000K
Ra80

Matt

TS1702   Imax=702cd/klm

WFL 72°
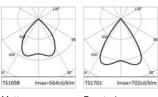
CCTLED WALL WASHER
Up to 99lm/W
From 2791lm to 2819lm
3000K - 4000K
Ra80

Speculare

TS1703   Imax=512cd/klm

WW

*** The photometries shown in the
table refer to LED 3000K**

Recessed
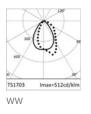
CCTLED DOWNLIGHT Smart Facetted
220-240Vac | Ra80 | Fixture flux 3000K 3447lm

Product	Optic		Ra+K		Driver		Colour	
T042	SF	VWFL 77° - 29W	830	Ra80 3000K	DA	DALI	PW	○
			840	Ra80 4000K	EL	ON-OFF		

Note   Accessory codes on page 55.

CCTLED DOWNLIGHT Smart Matt
220-240Vac | Ra80 | Fixture flux 3000K 3642lm

Product	Optic		Ra+K		Driver		Colour	
T042	SM	VWFL 77° - 29W	830	Ra80 3000K	DA	DALI	PW	○
			840	Ra80 4000K	EL	ON-OFF		

Note   Accessory codes on page 55.

CCTLED DOWNLIGHT Tech Secondary Facetted | UGR
220-240Vac | Ra80 | Fixture flux 3000K 2588lm

Product	Optic		Ra+K		Driver		Colour	
T042	TF	WFL 72° - 20W	830	Ra80 3000K	DA	DALI	PW	○
			840	Ra80 4000K	EL	ON-OFF		

Note   Accessory codes on page 55.

CCTLED DOWNLIGHT Tech Secondary Matt | UGR
220-240Vac | Ra80 | Fixture flux 3000K 2594lm

Product	Optic		Ra+K		Driver		Colour	
T042	TM	WFL 72° - 20W	830	Ra80 3000K	DA	DALI	PW	○
			840	Ra80 4000K	EL	ON-OFF		

Note   Accessory codes on page 55.

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

Product	Optic		Ra+K		Driver		Colour	
T042	**FM**	WFL 72° - 20W	**830**	Ra80 3000K	**DA**	DALI	**PW**	○
			840	Ra80 4000K	**EL**	ON-OFF		

Note	Accessory codes on page 55.

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**	○
			840	Ra80 4000K	**EL**	ON-OFF		

Note	Accessory codes on page 55.

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 green signalling LED.
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.
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			Code
	1T5349			**2T0131**

IP20 wireless control unit with DALI interface.
More details on page 676.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

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	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 solutution

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

SMALL 5X
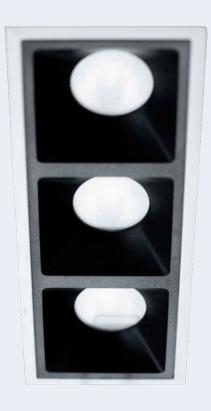
SMALL TRIMLESS 5X
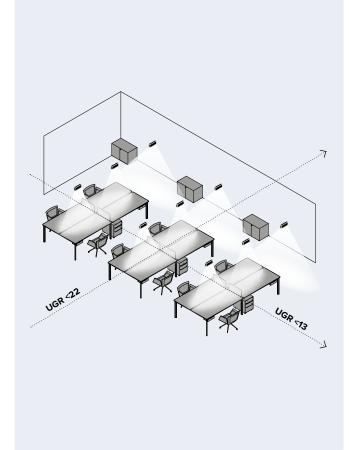
Both the Small and Large versions have a very small installation depth, just 80mm.

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).[1]
They are available in two different versions:
• Longitudinal elliptical optical system
• Transversal elliptical optical system

Longitudinal elliptical optical system

Transversal elliptical optical system

ELLIPTICAL OPTICAL SYSTEMS	UGR	
ELL longitudinal	UGR<11	UGR<22
ELT transversal	UGR<22	UGR<11

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 - Spot	UGR<13	UGR<17

OZ LARGE
Up to 113lm/W
From 584lm to 3644lm
2700K - 3000K - 3500K - 4000K
Ra90
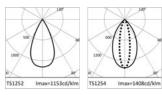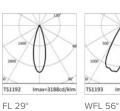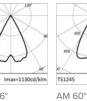
TS1194 Imax=4784cd/klm	TS1195 Imax=2083cd/klm	TS1196 Imax=1254cd/klm
SP 19°	FL 34°	WFL 50°
TS1252 Imax=1153cd/klm	TS1254 Imax=1408cd/klm	TS1256 Imax=1408cd/klm
AM 49°	ELL 58° - 25°	ELT 25° - 18°

OZ SMALL
Up to 83lm/W
From 168lm to 716lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1192 Imax=3188cd/klm	TS1193 Imax=1130cd/klm	TS1245 Imax=870cd/klm
FL 29°	WFL 56°	AM 60°
TS1247 Imax=1951cd/klm	TS1249 Imax=1951cd/klm	
ELL 48° - 17°	ELT 17° - 48°	

*** Le fotometrie riportate in tabella
fanno riferimento al LED 3000K**

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

□ 0.16 IP20

60 □ 60 ◉ 56 □ 56
53 53 59 61

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
WFL 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 69.

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

□ 0.5 IP20

160
44 ◉◉◉ 60 ◉ 56
44 156
153 53 59 61

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
WFL 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 69.

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
WFL 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 69.

OZ Stand Alone Recessed | Small 1x | 35x35mm
900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm
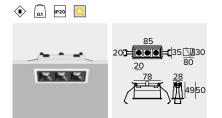
Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 3W	○	1T7606	1T7607	1T7608	1T7609
	●	1T7618	1T7619	1T7620	1T7621
WFL 56° 3W	○	1T7610	1T7611	1T7612	1T7613
	●	1T7622	1T7623	1T7624	1T7625
AM 60° 3W	○	1T8962	1T8963	1T8964	1T8965
	●	1T8966	1T8967	1T8968	1T8969

Note   To be completed with an electronic or DALI driver. Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 69.

OZ Stand Alone Recessed | Small 3x | 85x35mm
600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm
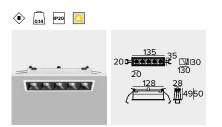
Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 5W	○	1T7630	1T7631	1T7632	1T7633
	●	1T7642	1T7643	1T7644	1T7645
WFL 56° 5W	○	1T7634	1T7635	1T7636	1T7637
	●	1T7646	1T7647	1T7648	1T7649
AM 60° 5W	○	1T8970	1T8971	1T8972	1T8973
	●	1T8982	1T8983	1T8984	1T8985
ELL 5W	○	1T8974	1T8975	1T8976	1T8977
	●	1T8986	1T8987	1T8988	1T8989
ELT 5W	○	1T8978	1T8979	1T8980	1T8981
	●	1T8990	1T8991	1T8992	1T8993

Note   To be completed with an electronic or DALI driver. Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 69.

OZ Stand Alone Recessed | Small 5x | 135x35mm
600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm
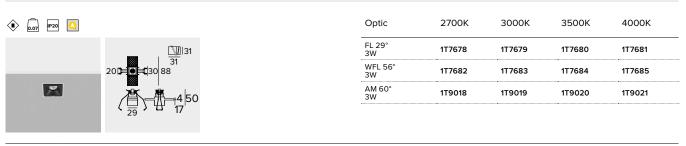
Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 9W	○	1T7654	1T7655	1T7656	1T7657
	●	1T7666	1T7667	1T7668	1T7669
WFL 56° 9W	○	1T7658	1T7659	1T7660	1T7661
	●	1T7670	1T7671	1T7672	1T7673
AM 60° 9W	○	1T8994	1T8995	1T8996	1T8997
	●	1T9006	1T9007	1T9008	1T9009
ELL 9W	○	1T8998	1T8999	1T9000	1T9001
	●	1T9010	1T9011	1T9012	1T9013
ELT 9W	○	1T9002	1T9003	1T9004	1T9005
	●	1T9014	1T9015	1T9016	1T9017

Note   To be completed with an electronic or DALI driver. Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 69.

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 electronic or DALI driver. Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 69.

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 electronic or DALI driver. Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 69.

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 electronic or DALI driver. Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 69.

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
WFL 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 69.

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
WFL 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 69.

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
WFL 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 69.

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

Emergency kit composed of an inverter a LIFePO4 battery and a green signalling LED.
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.
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 676.

	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 676.

BEBOP INCASSO

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	Easy Custom Colours
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

| | IP20 IP44 | | | | | | |

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

Note   Accessory codes on page 71.

Accessory codes
BEBOP Recessed

Emergency Kit

	Code
	A059

Emergency kit composed of an inverter a LIFePO4 battery and a green signalling LED.
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.
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			Code
	1T5349			**2T0131**

IP20 wireless control unit with DALI interface.
More details on page 676.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

CCTEVO ARCHITECTURAL
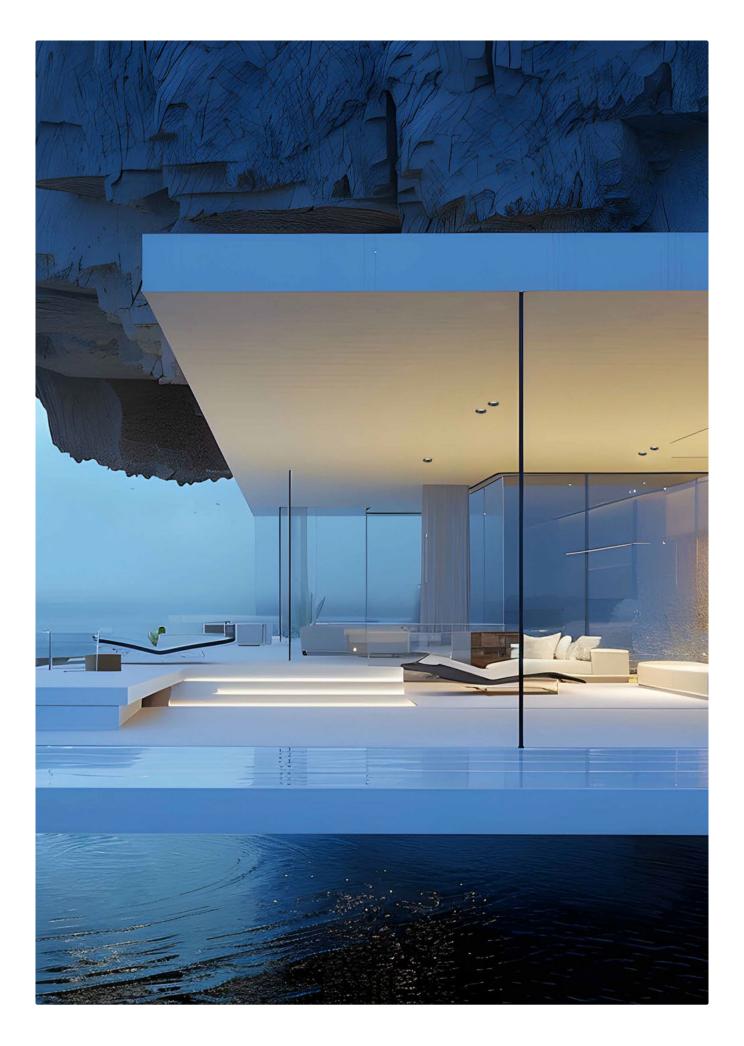
The range of CCTEvo Architectural recessed projectors are high performance with quality optical systems and attention to every aesthetic and functional detail. The design was studied to maintain the same family feeling of the Label series of track projectors, for aesthetic and performance continuity between recessed and track-mounted solutions.
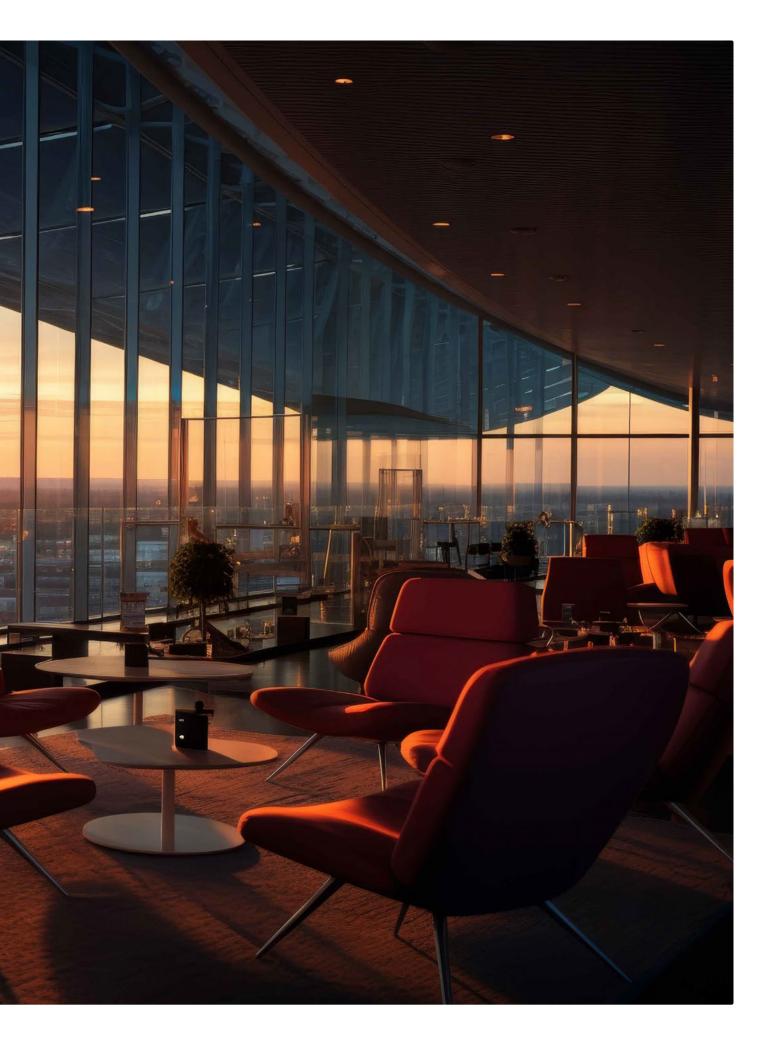
Recessed	Accent — Soft controlled	2700K — 3000K — 3500K — 4000K
INSTALLATION	**LIGHT**	**COLOUR TEMPERATURE**

On-Off — Dali — Casambi	220-240V	White — Black — Easy Custom Colours
CONTROL	**POWER SUPPLY**	**FINISH**

110-277V Power Supply
CRI 80

ON REQUEST

Recessed

Ø 160mm
From 14W to 73W
Flux from 852 to 5404 (3000K)

Optics
NSP
SP
FL
MWFL
WFL

Ø 105mm
From 7W to 21W
Flux from 513 to 1876 (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 604 to 1148 (3000K)

Optics
SP
FL
MWFL

Ø 58mm
From 9W to 11W
Flux from 665 to 834 (3000K)

Optics
SP
FL
WFL

Solutions with a trimless finish without
a visible stop ring

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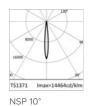
Reflector
The opic system with reflector makes it possible to obtain well distributed beams with a well-marked gradient (fall-off). This is an excellent compromise between high efficiency and a quality lighting effect.

Lighting effects

CCTEvo Architectural is an extremely flexible tool. The different optics available allow for Narrow Spot, Spot, Flood, Medium Wide Flood beam openings.

Ø160
Up to 100lm/W
From 860lm to 3410lm
2700K - 3000K - 3500K - 4000K
Ra90

REFLECTOR

TS1371 Imax=14464cd/klm	TS1277 Imax=3849cd/klm	TS1278 Imax=2173cd/klm
NSP 10°	SP 21°	FL 33°

TS1279 Imax=975cd/klm
WFL 55°
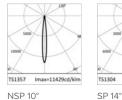
Ø105
Up to 94lm/W
From 338lm to 1895lm
2700K - 3000K - 3500K - 4000K
Ra90

REFLECTOR

TS1357 Imax=11429cd/klm	TS1304 Imax=6835cd/klm	TS1306 Imax=2459cd/klm
NSP 10°	SP 14°	FL 31°

TS1308 Imax=1378cd/klm
WFL 48°
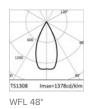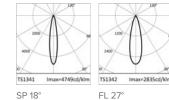
Ø78
Up to 98lm/W
From 614lm to 1283lm
2700K - 3000K - 3500K - 4000K
Ra90

REFLECTOR

TS1341 Imax=4749cd/klm	TS1342 Imax=2835cd/klm	TS1343 Imax=1621cd/klm
SP 18°	FL 27°	MWFL 42°
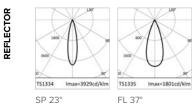
Ø58
Up to 95lm/W
From 672lm to 926lm
2700K - 3000K - 3500K - 4000K
Ra90

REFLECTOR

TS1334 Imax=3929cd/klm	TS1335 Imax=1801cd/klm	TS1336 Imax=1022cd/klm
SP 23°	FL 37°	WFL 53°

* The photometries shown in the table refer to LED 3000K

Recessed
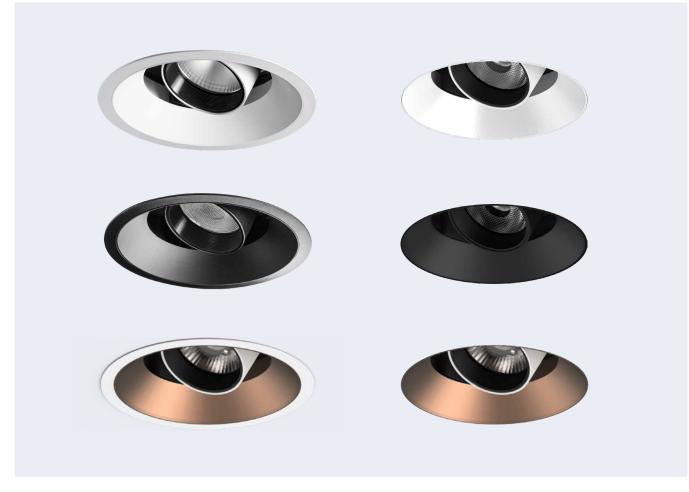
For the **Ø 160mm** and **Ø 105mm** versions there is a mechanical aiming lock and a graduated ring which make it possible to replicate aiming with multiple products even before installation.

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 Ø 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
Ø 160mm	Max 40° (except the 64W version)	358°	Mechanical aiming lock and graduated ring
Ø 105mm	Max 30°	358°	Mechanical aiming lock and graduated ring
Ø 78mm	Max 30°	358°	Mechanical aiming lock (access from the false ceiling)
Ø 58mm	Max 30°	-	Friction
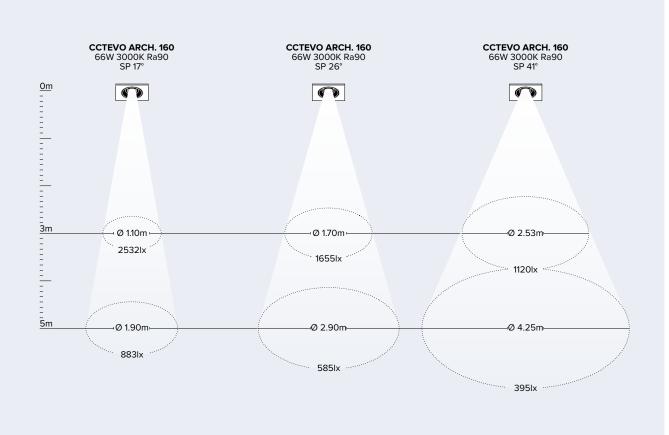
The range of recessed projectors
has the same family feeling and
the Label range with the aim of
creating aesthetic and performance
continuity between products with
different installation types: track, fixed,
suspension or recessed projectors.

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 and RAL range on request.
In the Download section it is possible to
download the Easy Custom Colour document
with all the colours available.

CCTEVO ARCH. 160
66W 3000K Ra90
SP 17°

CCTEVO ARCH. 160
66W 3000K Ra90
SP 26°

CCTEVO ARCH. 160
66W 3000K Ra90
SP 41°

0m

3m

Ø 1.10m
2532lx

Ø 1.70m
1655lx

Ø 2.53m
1120lx

5m

Ø 1.90m
883lx

Ø 2.90m
585lx

Ø 4.25m
395lx
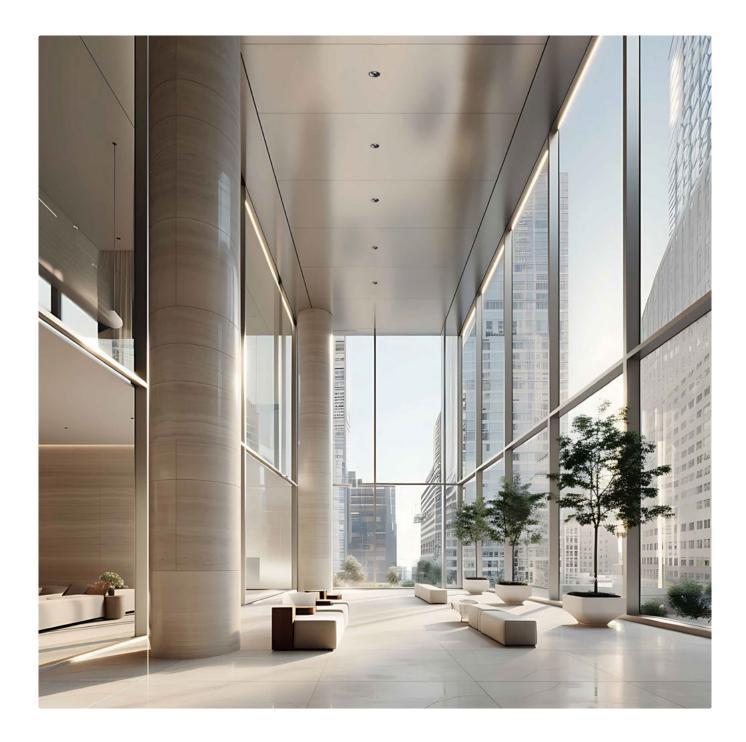
High Output versions to light great heights

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 64W power and 7203lm 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
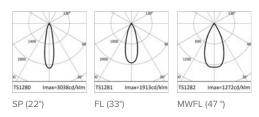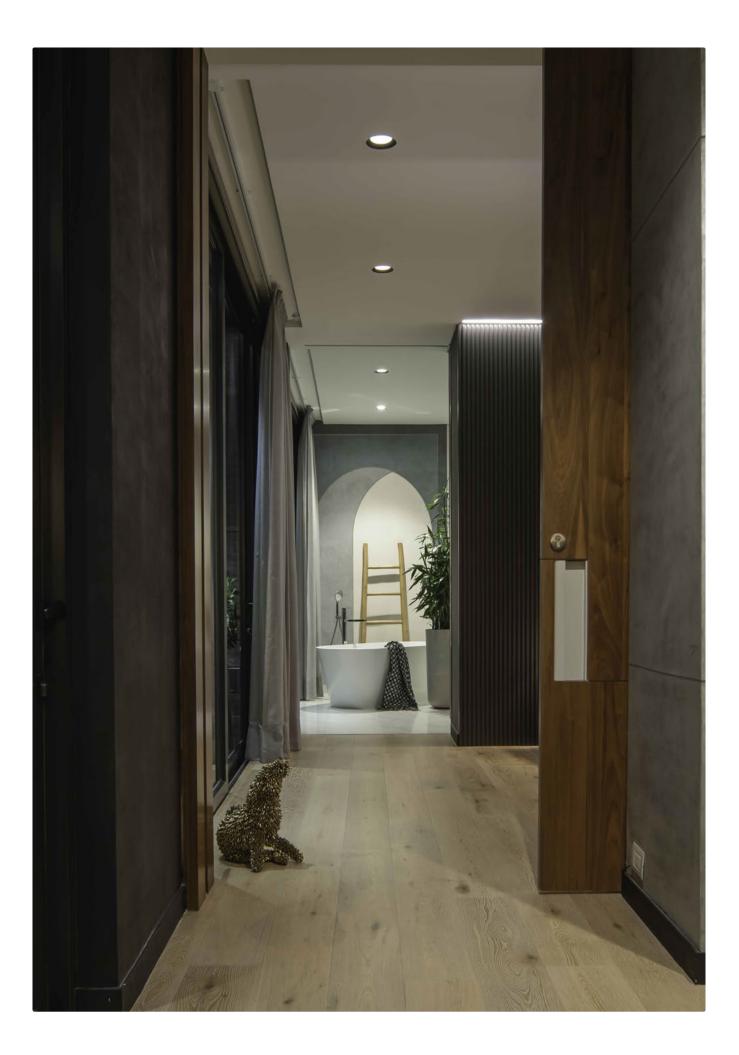
Ø160 HO
Up to 83lm/W
From 4782lm to 6090lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1280 Imax=3038cd/klm	TS1281 Imax=1913cd/klm	TS1282 Imax=1272cd/klm
SP (22°)	FL (33°)	MWFL (47 °)

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 88.

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 88.

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 88.

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 88.

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 88.

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 88.

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
		●	1T8826EL	1T8827EL	1T8828EL	1T8829EL
	DALI	○	1T7886DA	1T7887DA	1T7888DA	1T7889DA
		●	1T8826DA	1T8827DA	1T8828DA	1T8829DA
FL 27° 13W	ON-OFF	○	1T8818EL	1T8819EL	1T8820EL	1T8821EL
		●	1T8830EL	1T8831EL	1T8832EL	1T8833EL
	DALI	○	1T8818DA	1T8819DA	1T8820DA	1T8821DA
		●	1T8830DA	1T8831DA	1T8832DA	1T8833DA
MWFL 42° 13W	ON-OFF	○	1T8822EL	1T8823EL	1T8824EL	1T8825EL
		●	1T8834EL	1T8835EL	1T8836EL	1T8837EL
	DALI	○	1T8822DA	1T8823DA	1T8824DA	1T8825DA
		●	1T8834DA	1T8835DA	1T8836DA	1T8837DA

Note Accessory codes on page 88.

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
		●	1T8826ELTR	1T8827ELTR	1T8828ELTR	1T8829ELTR
	DALI	○	1T7886DATR	1T7887DATR	1T7888DATR	1T7889DATR
		●	1T8826DATR	1T8827DATR	1T8828DATR	1T8829DATR
FL 27° 13W	ON-OFF	○	1T8818ELTR	1T8819ELTR	1T8820ELTR	1T8821ELTR
		●	1T8830ELTR	1T8831ELTR	1T8832ELTR	1T8833ELTR
	DALI	○	1T8818DATR	1T8819DATR	1T8820DATR	1T8821DATR
		●	1T8830DATR	1T8831DATR	1T8832DATR	1T8833DATR
MWFL 42° 13W	ON-OFF	○	1T8822ELTR	1T8823ELTR	1T8824ELTR	1T8825ELTR
		●	1T8834ELTR	1T8835ELTR	1T8836ELTR	1T8837ELTR
	DALI	○	1T8822DATR	1T8823DATR	1T8824DATR	1T8825DATR
		●	1T8834DATR	1T8835DATR	1T8836DATR	1T8837DATR

Note Accessory codes on page 88.

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
		●	1T8470EL	1T8471EL	1T8472EL	1T8473EL
	DALI	○	1T8446DA	1T8447DA	1T8448DA	1T8449DA
		●	1T8470DA	1T8471DA	1T8472DA	1T8473DA
FL 37° 10W	ON-OFF	○	1T8450EL	1T8451EL	1T8452EL	1T8453EL
		●	1T8474EL	1T8475EL	1T8476EL	1T8477EL
	DALI	○	1T8450DA	1T8451DA	1T8452DA	1T8453DA
		●	1T8474DA	1T8475DA	1T8476DA	1T8477DA
WFL 53° 10W	ON-OFF	○	1T8454EL	1T8455EL	1T8456EL	1T8457EL
		●	1T8478EL	1T8479EL	1T8480EL	1T8481EL
	DALI	○	1T8454DA	1T8455DA	1T8456DA	1T8457DA
		●	1T8478DA	1T8479DA	1T8480DA	1T8481DA

Note Accessory codes on page 88.

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 88.

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
	1T5349
	IP20 wireless control unit with DALI interface. More details on page 676.

	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 676.

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

-25°

355°

75°

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 ø162mm and ø125mm 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 3435lm to 5571lm
2700K - 3000K - 3500K - 4000K
Ra90
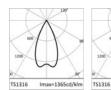
TS1310 Imax=5216cd/klm	TS1311 Imax=2585cd/klm	TS1313 Imax=2361cd/klm
SP 17°	FL 27° (55W)	FL 32° (41W)
TS1316 Imax=1365cd/klm	TS1316 Imax=1365cd/klm	TS1319 Imax=967cd/klm
MWFL 48° (41W)	MWFL 47° (55W)	WFL 57° (41W)
TS1320 Imax=1150cd/klm		
WFL 53° (55W)		
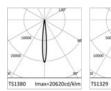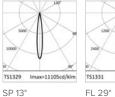
Ø125MM
Up to 96lm/W
From 475lm to 1972lm
2700K - 3000K - 3500K - 4000K
Ra90

LENS

TS1380 Imax=20620cd/klm	TS1329 Imax=11105cd/klm	TS1331 Imax=2801cd/klm
NSP 10°	SP 13°	FL 29°
TS1333 Imax=1389cd/klm		
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 photometries shown in the table refer to LED 3000K

Recessed

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 47° 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 95.

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 95.

Accessory codes
CCTEVO EXTRACTABLE 162

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.
Cannot be used with versions from 48W (nominal power) - 55W (fixture power).

Grid

Ø mm	Code
70	**1T1711**

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

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 versions from 48W (nominal power) - 55W (fixture power).

Holder Ring

	Code
	1T3727

Transparent polycarbonate accessory holder ring.

Accessory codes
CCTEVO EXTRACTABLE 125

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 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
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

PROJECTOR

Indoor

Projector | on Track
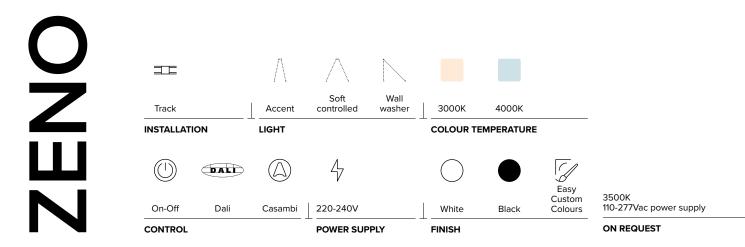
ZENO
98
Ø 184mm Ø 134mm Ø 105mm

RAY
114
Ø 115mm Ø 75mm

LABEL
128
Ø 87mm Ø 76mm Ø 59mm

CAPSULE
138
Ø 70mm Ø 60mm

TRACKS EUROSTANDARD
140
Recessed
Ceiling-mounted
Suspension

Projector | Surface

JEDI COMPACT INDOOR
144

CORO
150
Ø 119mm Ø 82mm

VOLTA
160

ZENO
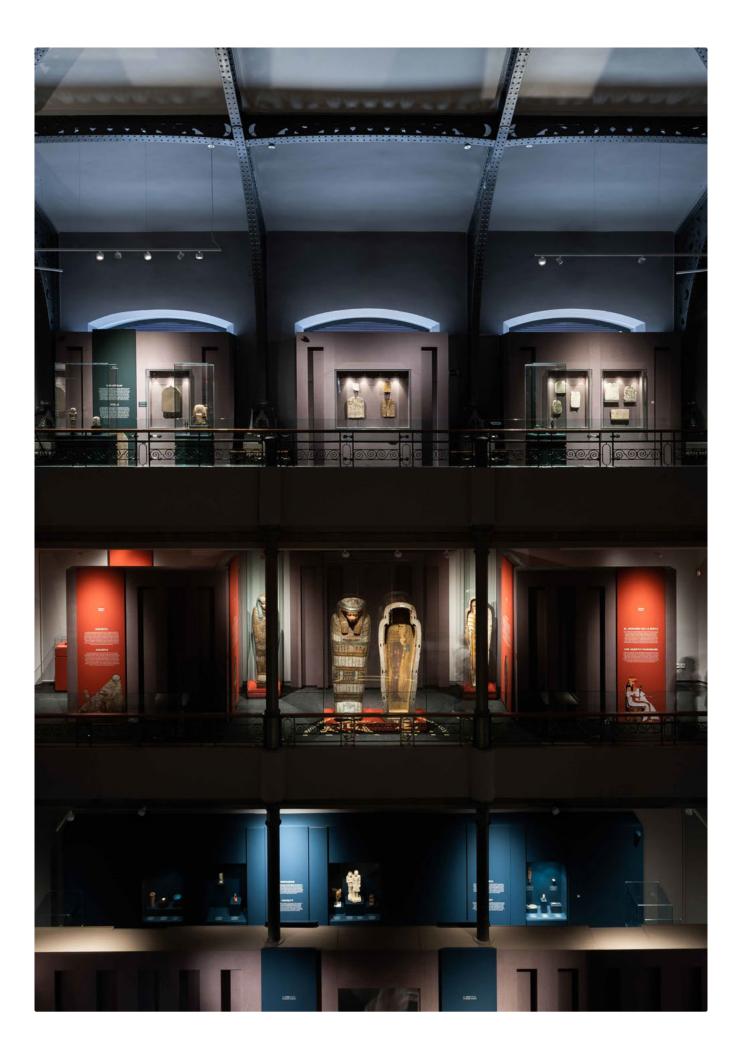
The Zeno range of professional projectors has evolved and been renewed. Today the design of the range is even more elegant and discrete thanks to the use of retractable adapters, and the performance is improved thanks to the use of next generation LED sources and the range of optics available has been 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.

Track		Accent	Soft controlled	Wall washer		3000K	4000K
INSTALLATION		**LIGHT**				**COLOUR TEMPERATURE**	

On-Off	Dali	Casambi	220-240V		White	Black	Easy Custom Colours	3500K 110-277Vac power supply
CONTROL			**POWER SUPPLY**		**FINISH**			**ON REQUEST**

Ø 105MM

Power
From 9W to 21W

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 24W to 29W

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

Control
ON-OFF
DALI
Casambi

Ø 160MM

Power
From 30W to 40W

Beam opening
Narrow Spot
Spot
Flood
Wide Flood
Zoom
Wall Washer

Control
ON-OFF
DALI
Casambi

Projectors

**Spot, Medium Flood 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 ø105mm version) to Spot, Medium
Flood and Flood

Narrow Spot Comfort
In the Zeno ø130mm and ø180mm
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.
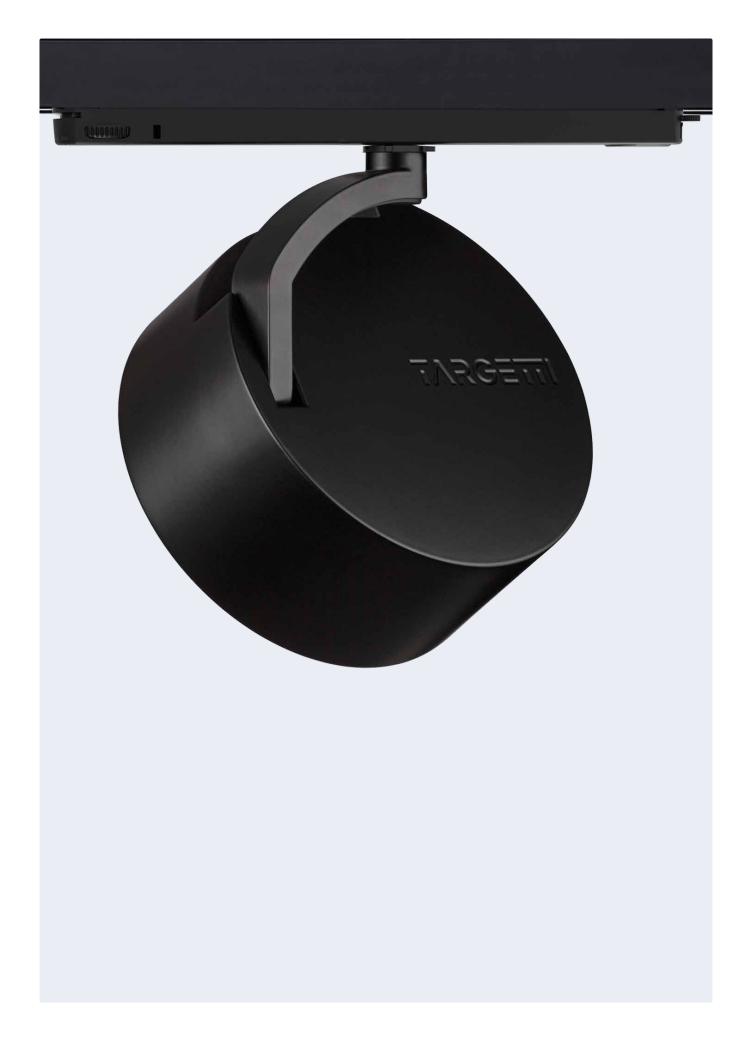
The Zeno range features cutting edge optical
systems all developed inside the Targetti
Optic Division.

Precision Zoom Optic
Zeno 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 5338lm
3000K - 4000K
Ra90

INDIRECT

TS1227   Imax=19964cd/klm

NSP 9°

REFLECTOR

TS1228   Imax=5374cd/klm

SP 17°

TS1229   Imax=3022cd/klm

FL 27°

TS1230   Imax=1417cd/klm

FL 38°

TS1231   Imax=1028cd/klm

WFL 52°

TS1232   Imax=520cd/klm

WW
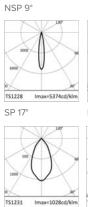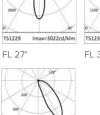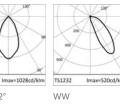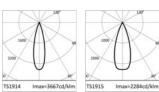
Ø130
Up to 93lm/W
From 525lm to 2732lm
3000K - 4000K
Ra90
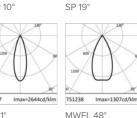
INDIRECT

TS1219   Imax=19964cd/klm

NSP 9°

LENS

TS1913   Imax=9310cd/klm

SP 19°

TS1914   Imax=3667cd/klm

FL 24°

TS1915   Imax=2284cd/klm

FL 31°

TS1222   Imax=1417cd/klm

MWFL 46°

TS1224   Imax=745cd/klm

WW
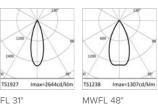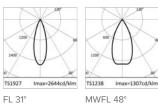
Ø105
Up to 105lm/W
From 827lm to 1876lm
3000K - 4000K
Ra90

LENS

TS1924   Imax=23323cd/klm

NSP 10°

TS1925   Imax=5304cd/klm

SP 19°

TS1926   Imax=3646cd/klm

FL 24°

TS1927   Imax=2644cd/klm

FL 31°

TS1238   Imax=1307cd/klm

MWFL 48°

Black painted steel cut-off

Adjustable barn door flaps
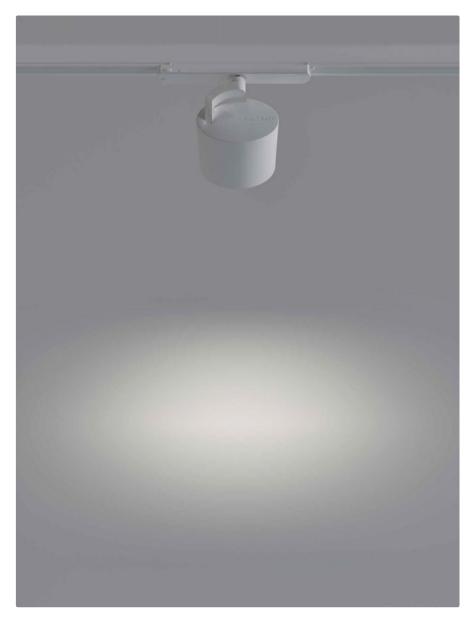
Anti-glare grid
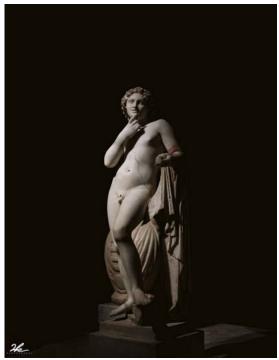
Black painted steel asymmetric cut-off

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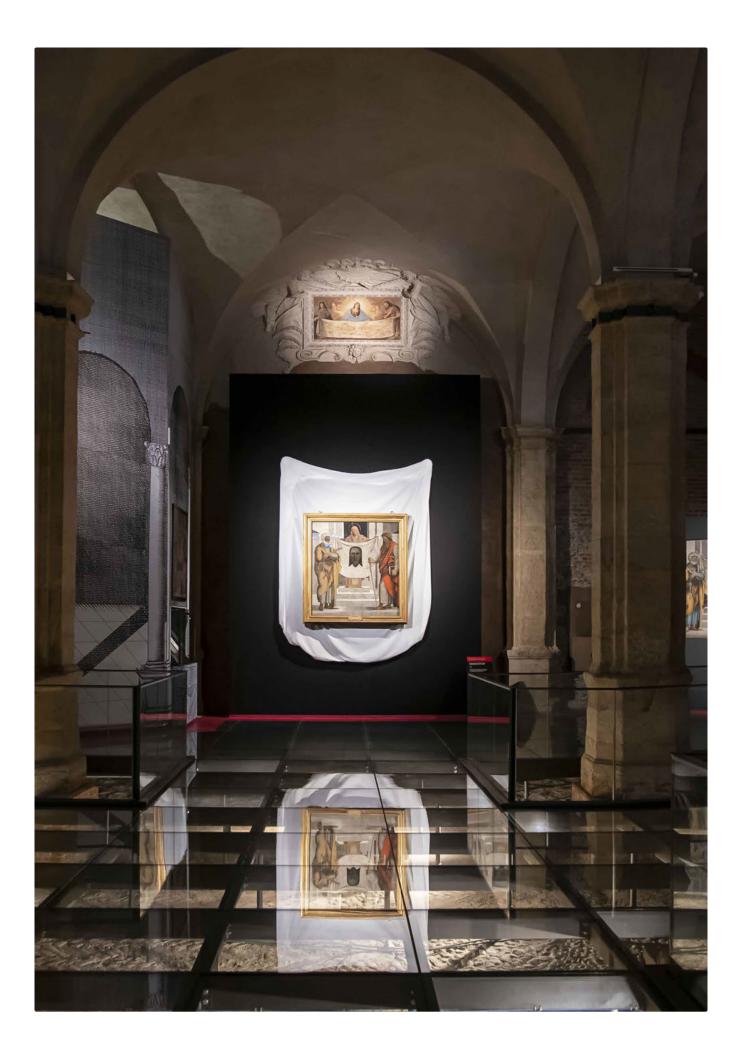
ON — OFF
Turning the projectors on the same track circuit on and off.

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 111.

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 111.

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 19° - 29W	940	Ra90 4000K	DA	DALI	DB	●
	MFL	FL 24° - 29W			CA	CASAMBI		
	FLL	FL 31° - 29W						
	MWR	MWFL 46° - 29W						
	WWR	WW - 29W						

Note   Accessory codes on page 111.

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		

Note   Accessory codes on page 158.

ZENO 105
220-240Vac | Ra90 | Fixture flux 3000K from 827lm to 1735lm
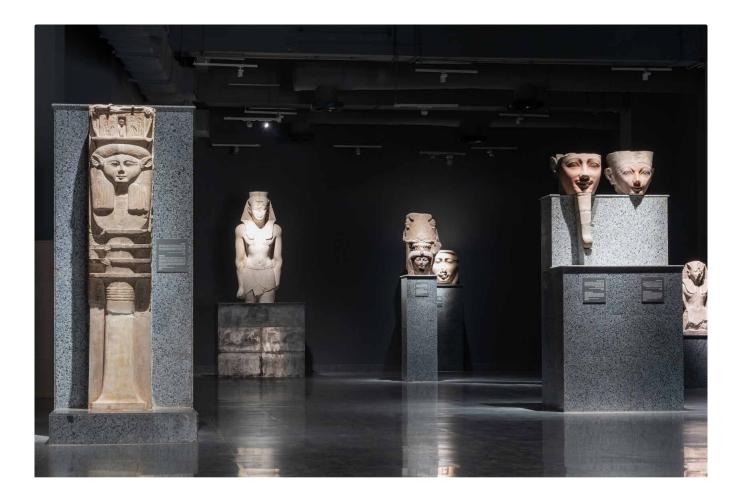
IP20

170/198/234/253

105   60   136

Product	Optic			Ra+K		Driver		Colour	
T041	NSL	NSP 10° - 11W		930	Ra90 3000K	EL	ON-OFF	PW	○
	SPL	SP 19° - 18W		940	Ra90 4000K	DA	DALI	DB	●
	MFL	FL 24° - 18W				CA	CASAMBI		
	FLL	FL 31° - 18W							
	MWR	MWFL 48° - 18W							

Note   Accessory codes on page 112.

Accessory codes
ZENO 180

Filter

	Code
	1T6054

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.

Grid

Colour	Code
●	1T6055

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
●	1T6056

Black painted steel cut-off.
To be completed with a dedicated holder ring.
It cannot be used with NSP and Wall Washer optics.

Colour	Code
●	1T6057

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
	1T6060

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.

Grid

Colour	Code
●	1T6061

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
●	1T6062

Black painted steel cut-off.
To be completed with a dedicated holder ring.
It cannot be used with NSP and Wall Washer optics.

Colour	Code
●	1T6063

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.

Indor **112**

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

Lenticular optical system
NSP (10°)
SP (15°)
FL (26°)
MFL (36°)

Reflector optical system
SP (14°)
MFL (25°)
FL (45°)

Zoom optical systems
Zoom Precision
Zoom Dynamic
Zoom Smart

Ray is available in two different sizes ⌀75mm and ⌀115mm 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

Lenticular optical system
NSP (10°)
SP (19°)
MFL (24°)
FL (31°)

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

Zoom optical systems
Zoom Precision
Zoom Dynamic
Zoom Smart

Lenticular 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 90lm/W
From 1605lm to 2782lm
3000K - 4000K
Ra90

LENS
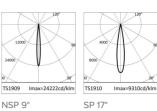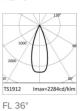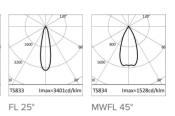
TS1909 Imax=24222cd/klm	TS1910 Imax=9310cd/klm	TS1911 Imax=3667cd/klm
NSP 9°	SP 17°	FL 26°

TS1912   Imax=2284cd/klm
FL 36°
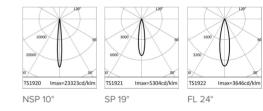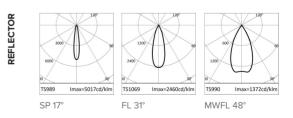
RAY 115

Up to 107lm/W
From 4018lm to 5770lm
3000K - 4000K
Ra90

REFLECTOR

TS832 Imax=8119cd/klm	TS833 Imax=3401cd/klm	TS834 Imax=1528cd/klm
SP 14°	FL 25°	MWFL 45°

RAY 75

Up to 106lm/W
From 841lm to 1909lm
3000K - 4000K
Ra90

LENS

TS1920 Imax=23323cd/klm	TS1921 Imax=5304cd/klm	TS1922 Imax=3646cd/klm
NSP 10°	SP 19°	FL 24°

RAY 75

Up to 95lm/W
From 2017lm to 2344lm
3000K - 4000K
Ra90

REFLECTOR

TS989 Imax=5017cd/klm	TS1069 Imax=2460cd/klm	TS990 Imax=1372cd/klm
SP 17°	FL 31°	MWFL 48°

* The photometries shown in the table refer to LED 3000K

Projectors

Casambi

Ø 75
20° - 42°
8W
498 lm

Ø 115
14° - 51°
29W
1411 lm

Ø 115
11° - 31°
26W
1400lm

Ø 75
9 ° - 53 °
19W
385lm

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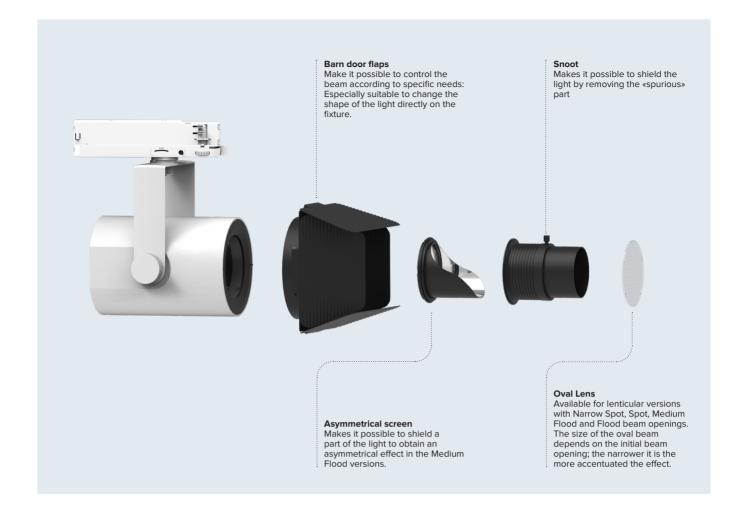
Ray is also available with Zoom optical systems with variable beam openings each of which is designed for particular lighting needs, extremely narrow and defined beams or wide, soft beams.

Ø 115
17° - 41°
28W
2440lm

Ø 75
17° - 45°
17W
1400lm

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.

Projectors

Barn door flaps
Make it possible to control the
beam according to specific needs:
Especially suitable to change the
shape of the light directly on the
fixture.

Snoot
Makes it possible to shield the
light by removing the «spurious»
part

Asymmetrical screen
Makes it possible to shield a
part of the light to obtain an
asymmetrical effect in the Medium
Flood versions.

Oval Lens
Available for lenticular versions
with Narrow Spot, Spot, Medium
Flood and Flood beam openings.
The size of the oval beam
depends on the initial beam
opening; the narrower it is the
more accentuated the effect.

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 126.

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 126.

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 126.

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		

Note Accessory codes on page 158.

RAY 115 ZOOM PRECISION
220-240Vac | Ra90 | Fixture flux 3000K from 497lm to 1187lm

Product	Optic		Ra+K		Driver		Colour	
T034	ZMP	NSP-WFL 9°/64° - 29W	930	Ra90 3000K	EL	ON-OFF	PW	○
			940	Ra90 4000K	DA	DALI	DB	●
					CA	CASAMBI		

Note   Accessory codes on page 158.
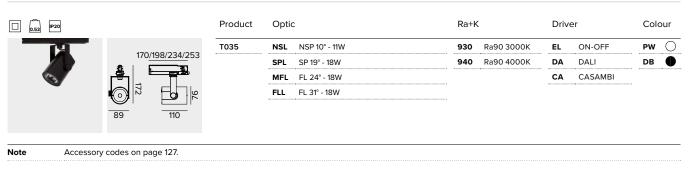
RAY 115 ZOOM DBS
220-240Vac | Ra90 | Fixture flux 3000K from 1619lm to 1740lm

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

Note   Accessory codes on page 158.

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	○
	SPL	SP 19° - 18W	940	Ra90 4000K	DA	DALI	DB	●
	MFL	FL 24° - 18W			CA	CASAMBI		
	FLL	FL 31° - 18W						

Note   Accessory codes on page 127.

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	○
	FLR	FL 31° - 25W	940	Ra90 4000K	DA	DALI	DB	●
	MWR	MWFL 48° - 25W			CA	CASAMBI		

Note   Accessory codes on page 127.

RAY 75 ZOOM SMART
220-240Vac I Ra90 I Fixture flux 3000K from 1206lm to 1266lm

Product	Optic		Ra+K		Driver		Colour	
T036	ZMS	SP-MWFL 16°/43° - 20W	930	Ra90 3000K	EL	ON-OFF	PW	○
			940	Ra90 4000K	DA	DALI	DB	●
					CA	CASAMBI		

170/234/253
169
89
110
117
76

Note   Accessory codes on page 158.

RAY 75 ZOOM PRECISION
220-240Vac I Ra90 I Fixture flux 3000K from 404lm to 1253lm
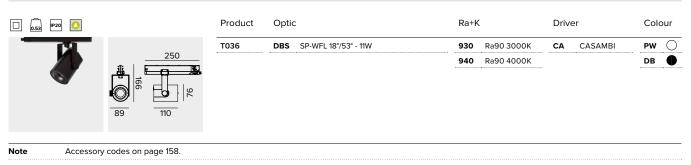
Product	Optic		Ra+K		Driver		Colour	
T036	ZMP	NSP-WFL 9°/64° - 20W	930	Ra90 3000K	EL	ON-OFF	PW	○
			940	Ra90 4000K	DA	DALI	DB	●
					CA	CASAMBI		

170/234/253
169
89
110
134
76

Note   Accessory codes on page 158.
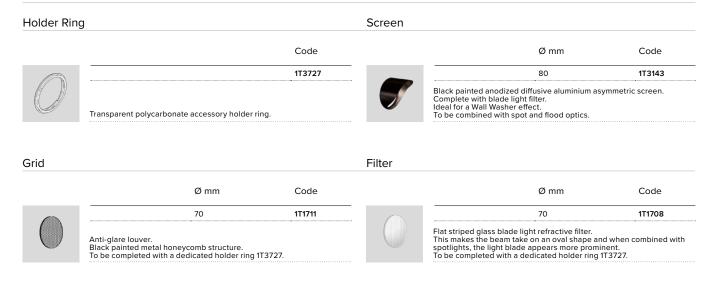
RAY 75 ZOOM DBS
220-240Vac I Ra90 I Fixture flux 3000K from 554lm to 599lm

Product	Optic		Ra+K		Driver		Colour	
T036	DBS	SP-WFL 18°/53° - 11W	930	Ra90 3000K	CA	CASAMBI	PW	○
			940	Ra90 4000K			DB	●

250
166
89
110
76

Note   Accessory codes on page 158.

Accessory codes
RAY 115

Holder Ring

	Code
	1T3727

Transparent polycarbonate accessory holder ring.

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.

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.

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.
No for DBS version.

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.

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.

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.

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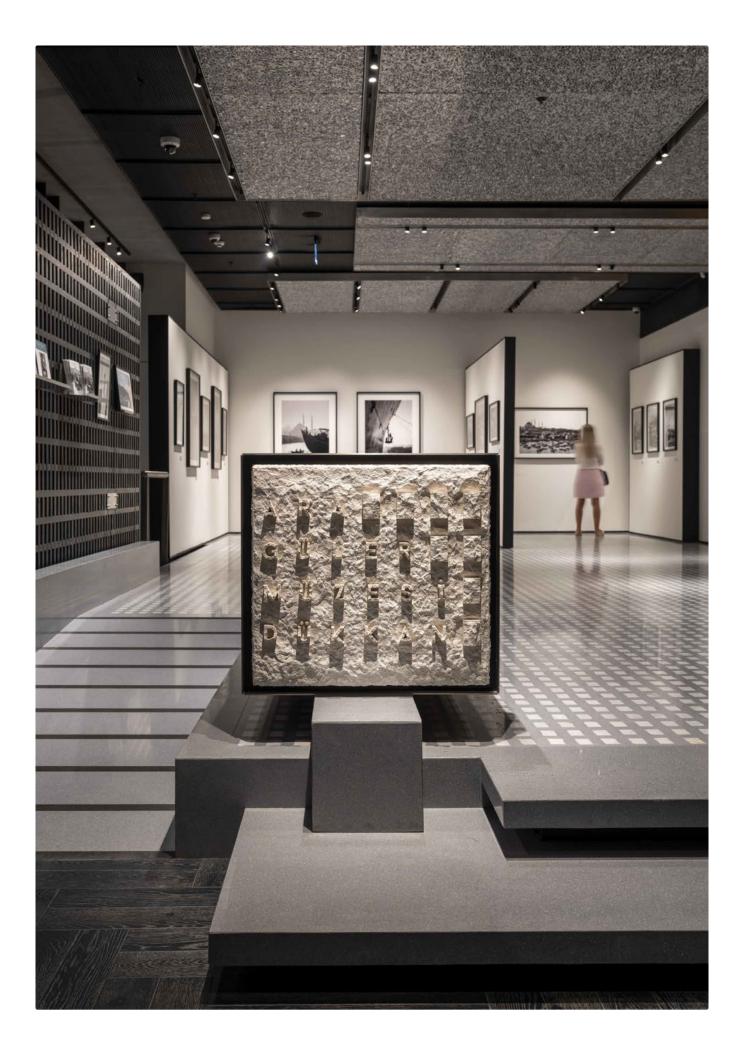
Ø mm	Optic	Code
52	SP 17°	**A056SPR**
52	FL 31°	**A056FLR**
52	MWFL 48°	**A056MWR**

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°	**A056FLL**
50	FL 31°	**A056MFL**

Interchangeable optical grade PMMA lenses for Ray 75.
Available in Spot and Flood beams.

Projectors

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

LABEL 6
Ø 59mm
From 19 to 21W
Spot
Flood
Medium Wide Flood

LABEL 7
Ø 74mm
25W
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 Ø59mm. Label 7 Ø74mm and Label 9 Ø87mm.
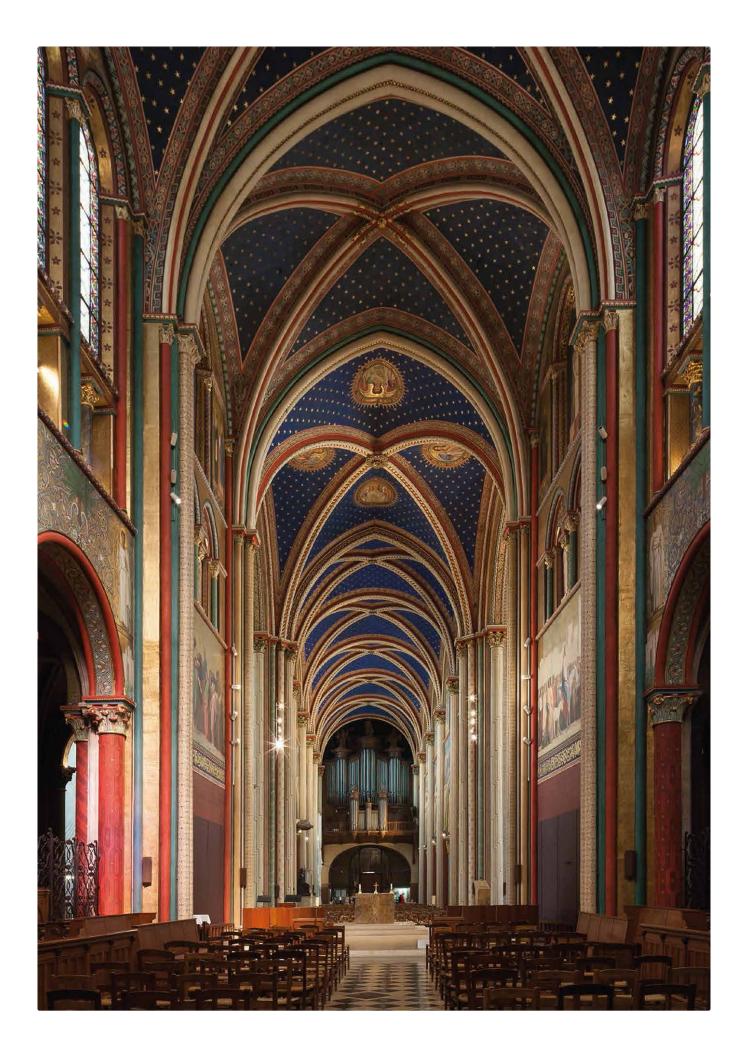
LABEL 9
Ø 87mm
31W
Spot
Flood
Medium Wide Flood

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
RK01-65792

REFLECTOR

TS1856 Imax=5446cd/klm	TS1857 Imax=2673cd/klm	TS1858 Imax=1426cd/klm
SP 16°	FL 29°	MWFL 46°

LABEL 7
RK01-65791

LENS

TS1859 Imax=7577cd/klm	TS1860 Imax=3306cd/klm	TS1861 Imax=1623cd/klm
SP 17°	FL 26°	MWFL 41°

LABEL 6
RK01-65790

LENS

TS1969 Imax=10204cd/klm	TS1970 Imax=3488cd/klm	TS1971 Imax=1661cd/klm
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.
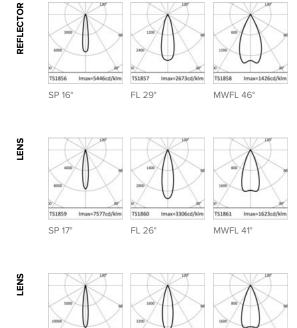
* The photometries shown in the table refer to LED 3000K

Projectors

LABEL 9
220-240Vac | Ra90 | Fixture flux 3000K from 2621lm to 2740lm

□ 0.9 IP20

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 135.

231 | 149 | 88 | 154
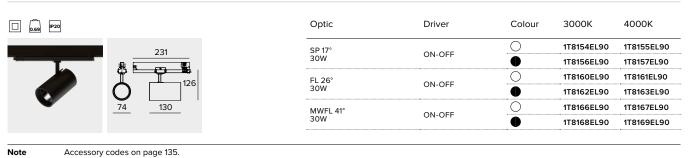
LABEL 9 DALI
220-240Vac | Ra90 | Fixture flux 3000K from 2621lm to 2740lm

□ 0.9 IP20

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 135.

253 | 149 | 88 | 154

LABEL 7
220-240Vac | Ra90 | Fixture flux 3000K from 2376lm to 2547lm

□ 0.69 IP20

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 135.

231 | 126 | 74 | 130

LABEL 7 DALI
220-240Vac | Ra90 | Fixture flux 3000K from 2376lm to 2547lm

□ 0.69 IP20

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 135.

260 | 128 | 74 | 130
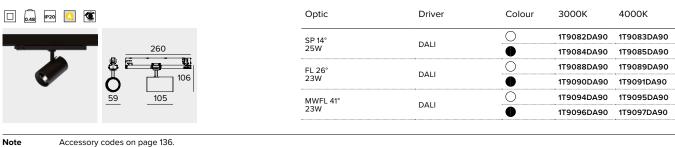
LABEL 6
220-240Vac | Ra90 | Fixture flux 3000K from 1663lm to 2114lm

□ 0.48 IP20

231 / 105 / 59 / 105

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 136.

LABEL 6 DALI
220-240Vac | Ra90 | Fixture flux 3000K from 1663lm to 2114lm

□ 0.48 IP20

260 / 106 / 59 / 105

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 136.

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.
No for DBS version.

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
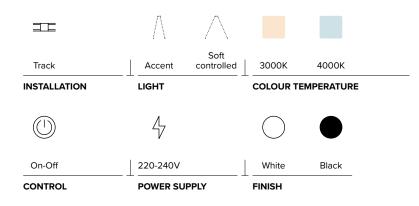
Control systems

	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 676.

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 which makes it possible to obtain a SP 18° beam. Capsule 70 has a 33°emission and the second lens included with it makes it possible to obtain a 18° beam. Alternatively for Capsule 70 it is possible to choose another SPOT 24° accessory lens. 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**	
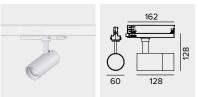
CAPSULE Ø 60

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

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

162
128
60
128

CAPSULE Ø 70

220-240Vac | Ra90 | Fixture flux 3000K from 3449lm to 3609lm
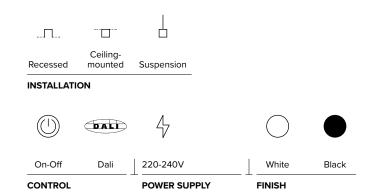
Optic	Colour	3000K	4000K
SP 18°, FL 33° 33W	○	**1TD0005EL**	**1TD0006EL**
	●	**1TD0007EL**	**1TD0008EL**

162
140
70
178

EUROSTANDARD

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...).

Recessed	Ceiling-mounted	Suspension

INSTALLATION

On-Off	Dali	220-240V	White	Black

CONTROL   **POWER SUPPLY**   **FINISH**

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**

37,8 | 30,7 | L

Note   Related codes and accessory codes on page 141.

EUROSTANDARD PLUS Recessed
440Vac

ENEC

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**

37,8 | 52 | L

Note   Related codes and accessory codes on page 141.

Related codes and accessories
EUROSTANDARD PLUS

Related codes

End Caps
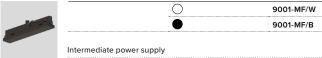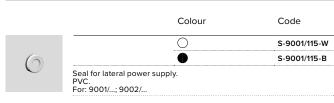
Colour	Code
○	**9004/W**
●	**9004/B**

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

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.

	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.

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.

Accessory codes

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.
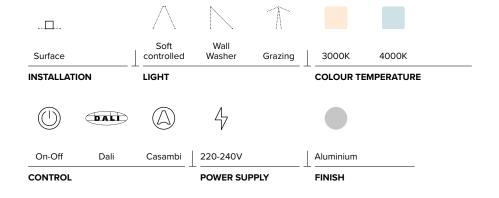
Cover Panel

	Colour	Code
	○	**S-9001-R/6-W**
	●	**S-9001-R/6-B**

False ceiling cover for lateral power supply.
Polycarbonate body.
For: 9001/...; 9002/...

	Colour	Code
	○	**S-9010-R/6-W**
	●	**S-9010-R/6-B**

False ceiling cover for central power supply.
Polycarbonate body.
For: 9010/...

	Colour	Code
	○	**S-9011-R/6-W**
	●	**S-9011-R/6-B**

False ceiling cover for L connector.
Polycarbonate body.
For: 9011/...; 9012/...

	Colour	Code
	○	**S-9013-R/6-W**
	●	**S-9013-R/6-B**

False ceiling cover for T connector.
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.
Polycarbonate body.
For: 9017.

L mm	Colour	Code
1000	○	**S-9000/GP-W**
1000	●	**S-9000/GP-B**

Cover profile.
Can be cut to size.

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	Aluminium
CONTROL			**POWER SUPPLY**	**FINISH**

Grazing

Wall washer

Flood

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, while the Flood versions provide a more concentrated effect.
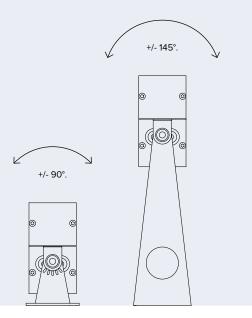
Flood Optical System
The Flood optical system provides a soft yet controlled light, making it possible to light large mouldings with precision.

Louvre grid special Louvre grid accessory 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.
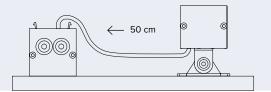
Accessory brackets for increased installation flexibility
Equipped with special accessory brackets, the projector can be rotated up to +/- 145°.
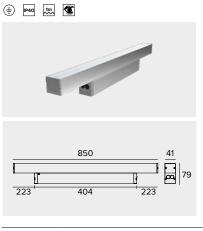
Simple cabling with a removable driver
The Jedi Compact driver is removable. This makes it possible to decide whether to leave it connected to the fixture or placed next to it (50cm cable), facilitating installation in the case of particularly thin frames or small grooves.

+/- 145°.

+/- 90°.

Removable driver box

← 50 cm
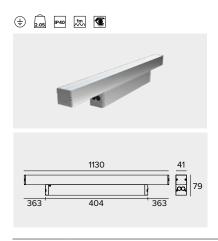
JEDI COMPACT Indoor | Integrated-removable driver | L. 850mm
220-240Vac | Ra90 | Fixture flux 3000K from 3361lm to 3876lm

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**

850   41
223   404   223   79

Note	Related codes and accessory codes on page 148.

JEDI COMPACT Indoor | Integrated-removable driver | L. 1130mm
220-240Vac | Ra90 | Fixture flux 3000K from 4482lm to 5168lm
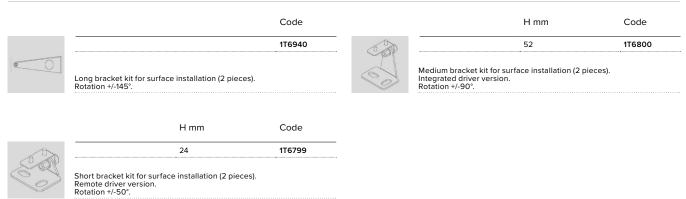
Optic	Driver	Colour	3000K	4000K
FL 53W	ON-OFF	⦾	**1T6784EL**	**1T6786EL**
	DALI	⦾	**1T6784DA**	**1T6786DA**
GRZ 53W	ON-OFF	⦾	**1T6788EL**	**1T6790EL**
	DALI	⦾	**1T6788DA**	**1T6790DA**
WW 53W	ON-OFF	⦾	**1T6792EL**	**1T6794EL**
	DALI	⦾	**1T6792DA**	**1T6794DA**

1130   41
363   404   363   79

Note	Related codes and accessory codes on page 148.

Related codes and accessories
JEDI COMPACT Indoor

Related codes

Bracket

	Code
	1T6940

Long bracket kit for surface installation (2 pieces).
Rotation +/-145°.

H mm	Code
52	**1T6800**

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
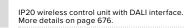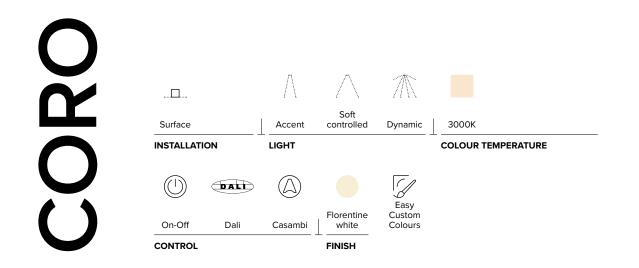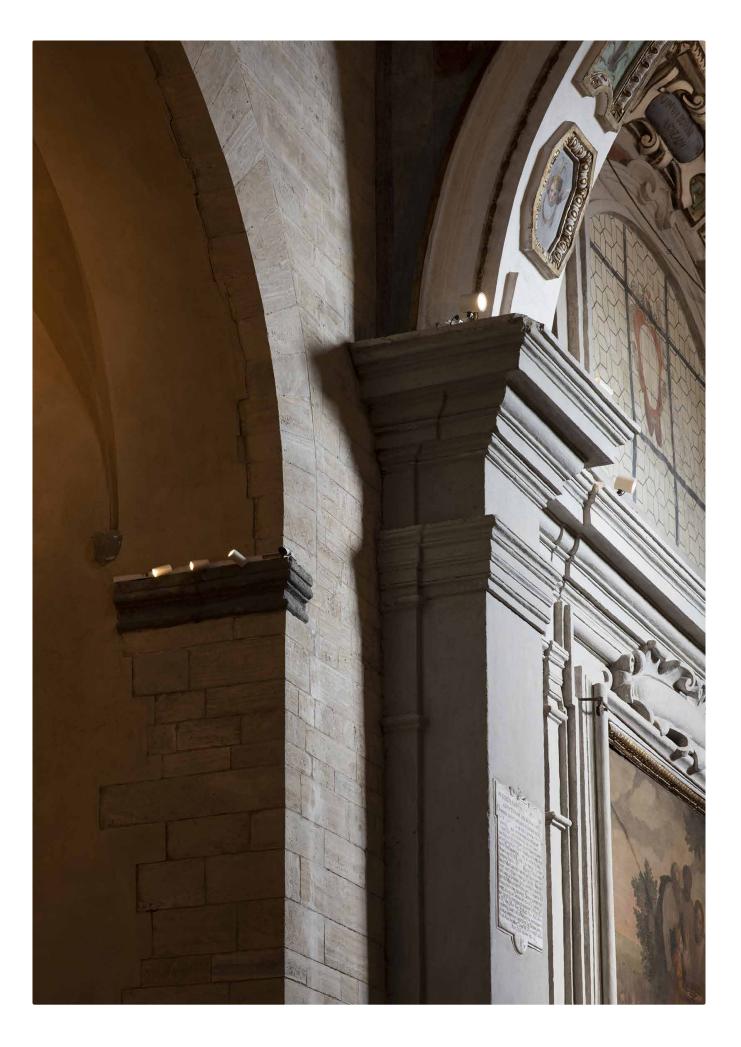
	Code		Code
	1T5349		**2T0131**

IP20 wireless control unit with DALI interface.
More details on page 676.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

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.

CORO

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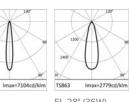
CORO is available in two sizes - Large and
Small with a special Florentine White finish
that makes it perfect for installation in historic
buildings.

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

TS862 Imax=7104cd/klm	TS863 Imax=2779cd/klm	TS865 Imax=2188cd/klm
SP 15°	FL 28° (36W)	FL 35° (49W)
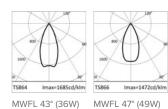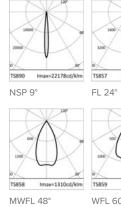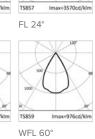
TS864 Imax=1685cd/klm	TS866 Imax=1472cd/klm
MWFL 43° (36W)	MWFL 47° (49W)

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

LENS

TS890 Imax=22178cd/klm	TS857 Imax=3570cd/klm
NSP 9°	FL 24°

REFLECTOR

TS858 Imax=1310cd/klm	TS859 Imax=976cd/klm
MWFL 48°	WFL 60°

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 photometries shown in the
table refer to the LED 3000K**

Projectors

Adjustability

The optical body is adjustable to +/-165° 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 900m long. The channel makes it possible 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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 156.

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**
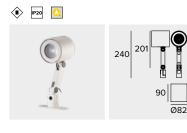
Note Related codes and accessory codes on page 156.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 157.

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
80	**1T3141**

Flat glass, grooved refractive blade light filter.
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.
Cannot be used with version from 49/W.

Ø mm	Code
80	**1T3140**

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**

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 green signalling LED.
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.
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			Code
	1T5349			**2T0131**

IP20 wireless control unit with DALI interface.
More details on page 676.

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

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 blocking system. All versions have IP66 protection and can therefore be used both indoor and outdoor.

VOLTA

Surface	Wall-mounted	Accent	Asymmetric	Elliptical	3000K
INSTALLATION		**LIGHT**			**COLOUR TEMPERATURE**

On-Off	Dali	Remote driver	White	Easy Custom Colours
CONTROL		**POWER SUPPLY**	**FINISH**	

4000K

ON REQUEST

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

◇ 2 IP66 IK09 1.5m ⚠

86,5   184

153,5

100   120

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

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 162.

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 NSP, ASYM and ELLIPTICAL optics.

Screen

	Colour	Code
	○	**1T4642**

Asymmetric screen.
Powder coated stainless steel.
To be used with NSP, EFFECT and ELLIPTICAL optics.

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

	Code
	1E3048

IP67 wireless control unit with DALI interface.
More details on page 676.

	Code
	1E4369
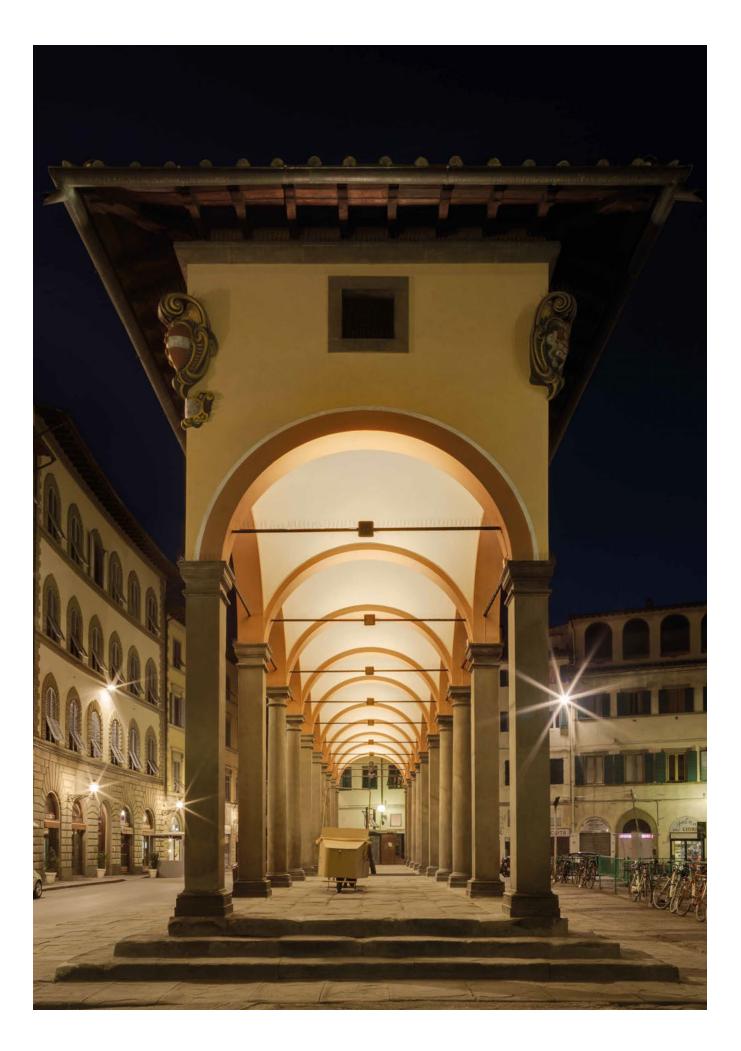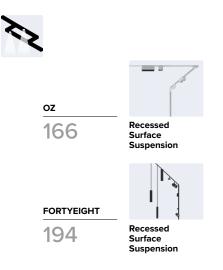
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

LIGHTING SYSTEM

Indoor

Lighting System | 48V

OZ

166

Recessed
Surface
Suspension

FORTYEIGHT

194

Recessed
Surface
Suspension

Lighting System | 230V

LOGICO EASY

216

UGR

Ceiling mounted
Suspension

LOGICO

244

UGR

Recessed
Ceiling mounted
Suspension

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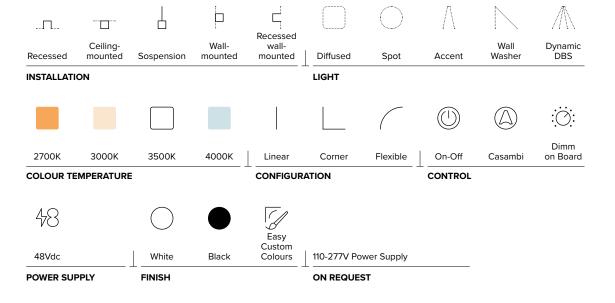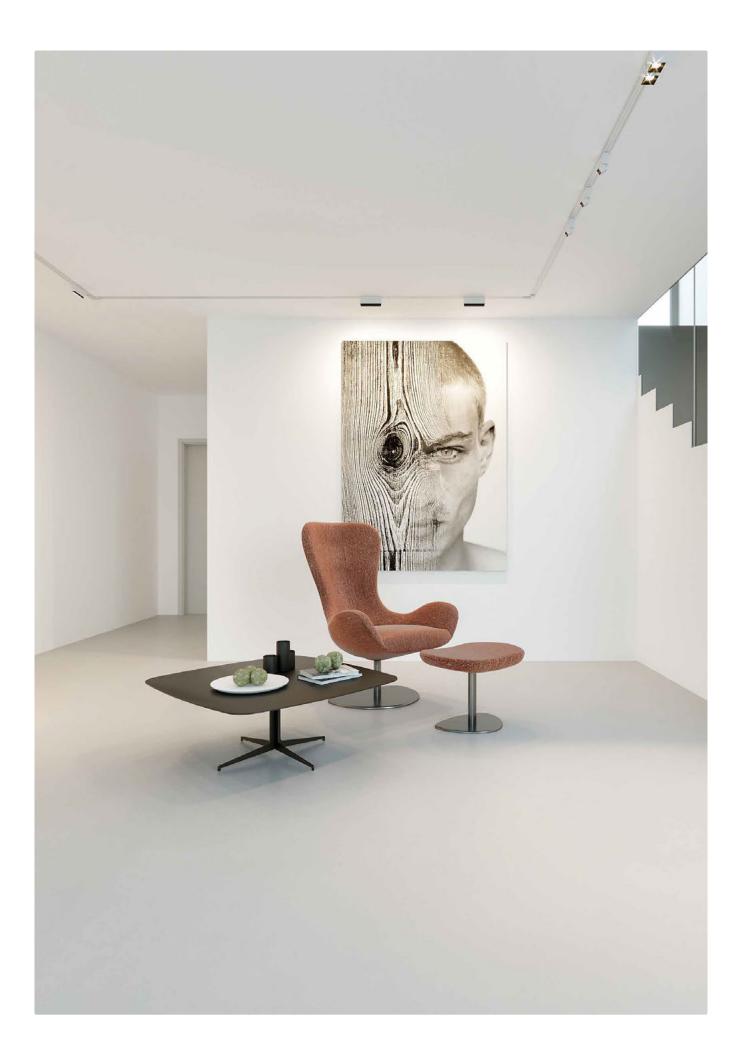
OZ is a lightweight system that designs space with extreme simplicity. An extremely thin conductive track winds through space which all the light units in the range can be attached to.

OZ SYSTEM

Recessed	Ceiling-mounted	Sospension	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**

48Vdc	White	Black	Easy Custom Colours	110-277V Power Supply

POWER SUPPLY | **FINISH** | **ON REQUEST**

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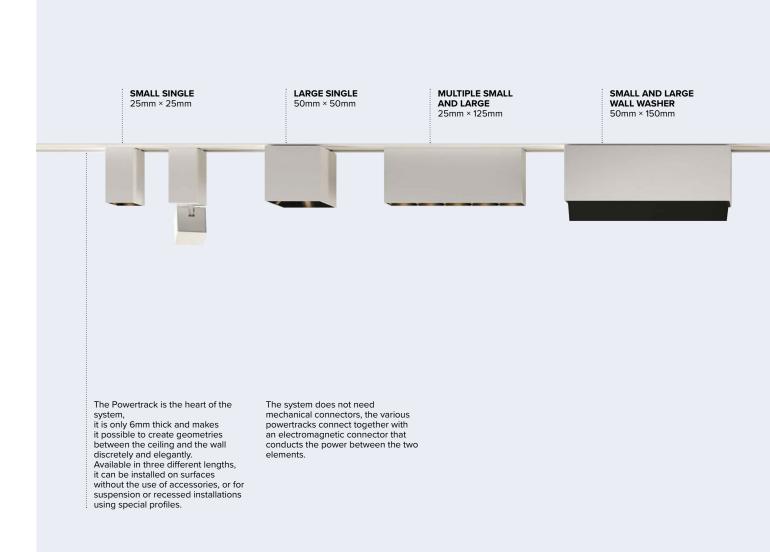
Available in fixed and adjustable Small and Large versions with a wide range of fixed optics as well as a variable DBS optic that makes it possible to digitally modify the lighting effect in a space at any time using a smartphone.

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 1.5m between fixtures.

SMALL SINGLE
25mm × 25mm

LARGE SINGLE
50mm × 50mm

MULTIPLE SMALL AND LARGE
25mm × 125mm

SMALL AND LARGE WALL WASHER
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.

170

LINEAR MODULES

Designed only for the small version
the linear module is available in
two different lengths and makes it
possible to obtain soft and diffused
light.
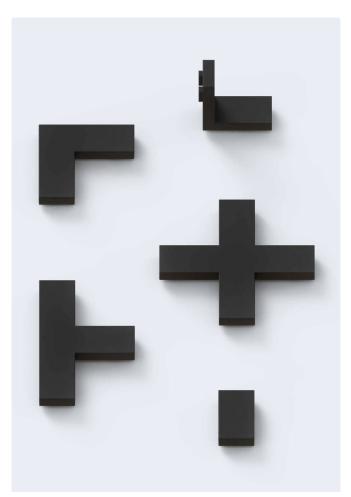
LINEAR
25mm × 569mm

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

With the wide range of connectors
and application possibilities
configuration options are infinite.
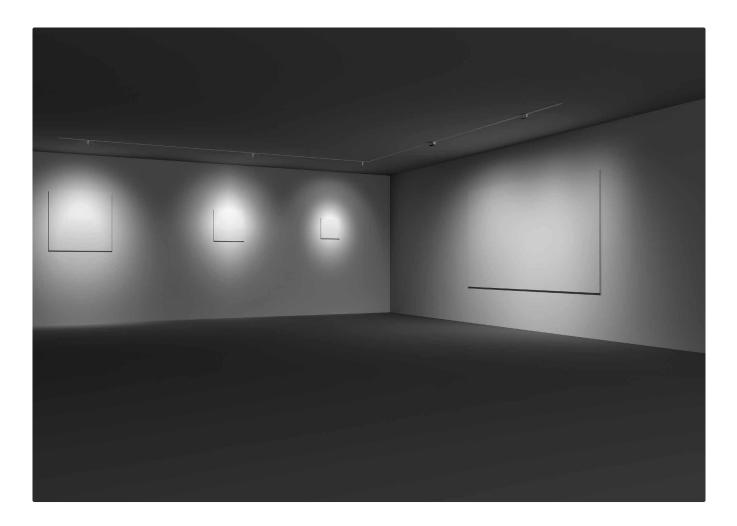
Planar connectors
90° orthogonal wall/ceiling connector
Adjustable connector with free angles:
making it possible to connect up to 8
powertracks.

installation using
magnets

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 makes it possible to attach and remove
the fixtures from the powertrack extremely
easily at any point and at any time, even when
it is 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 135lm to 189lm
2700K - 3000K - 3500K - 4000K
Ra90

* Multiple modules have the same
photometries. Values must be
multiplied by the number of optics
(3x or 5x).

TS1122 Imax=12713cd/klm	TS1123 Imax=2525cd/klm	TS1124 Imax=1300cd/klm
SP 11°	FL28°	MWFL41°

50X50 LARGE
Up to 123lm/W
From 588lm to 873lm
2700K - 3000K - 3500K - 4000K
Ra90

* Multiple modules have the same
photometries. Values must be
multiplied by the number of optics
(3x or 5x).

TS1125 Imax=4623cd/klm	TS1123 Imax=2525cd/klm	TS1127 Imax=1896cd/klm
SP 19°	FL28°	MWFL37°

WALL WASHER SMALL
Up to 55lm/W
From 399lm to 453lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1842 Imax=610cd/klm
WW

WALL WASHER LARGE
Up to 104lm/W
From 1604lm to 1849lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1841 Imax=683cd/klm
WW

LINEAR
Up to 75lm/W
From 868lm to 1469lm
2700K - 3000K - 3500K - 4000K
Ra90
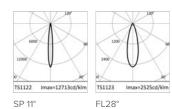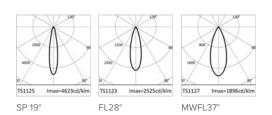
TS1264 Imax=273cd/klm
Opal

In the single version, both fixed and
adjustable, Oz is available with the
DBS optic system – Dynamic Beam
Shaper - that makes it possible 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.

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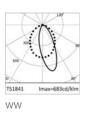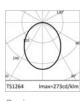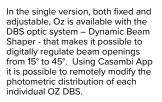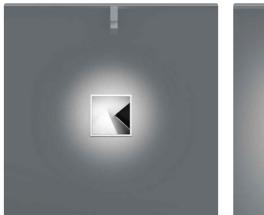
For suspension installations it
is necessary to accessorise the
powertrack with a metallic profile
available with a black or white finish.
It is also possible to use it for surface
installations.
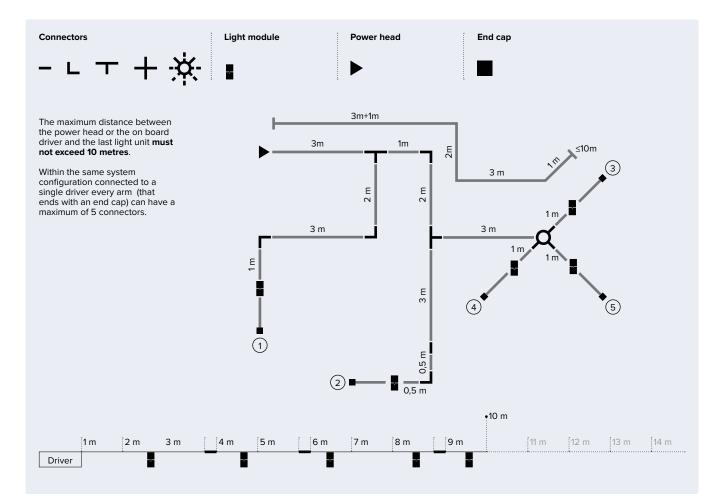
COMPLETELY RECESSED TRIMLESS

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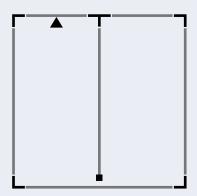
It is possible to install the powertrack on the wall or the ceiling without the use of any accessories and secure it with screws. The track is pre-drilled.

Connectors

− L T + ☀

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.

3m+1m

3m

1m

2m

≤10m

1 m

3 m

③

2 m

2 m

1 m

1 m

3 m

○

1 m

1 m

1 m

3 m

④

⑤

1 m

①

0,5 m

② 0,5 m

●10 m

| Driver | 1 m | 2 m | 3 m | 4 m | 5 m | 6 m | 7 m | 8 m | 9 m | 11 m | 12 m | 13 m | 14 m |

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

L 4× (Max)

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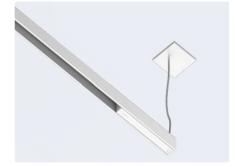
Installation on a recessed profile with a remote driver and a power head positioned on the powertrack.

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
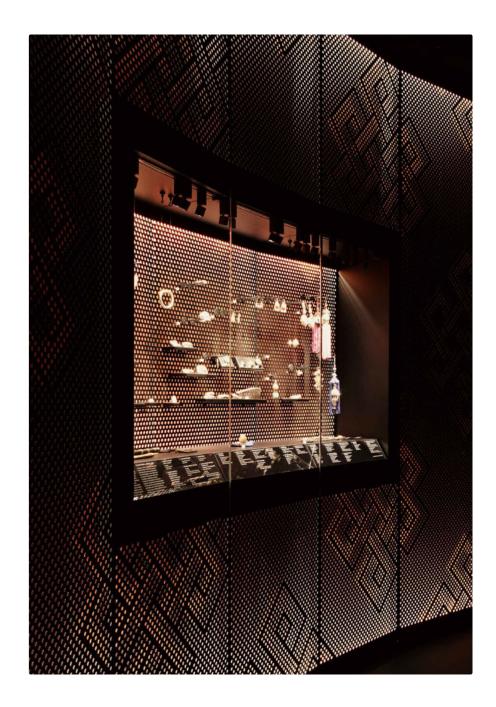
Installation on a suspension profile with an on board driver box

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.

Systems

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

Control

OZ components are chosen based on how
the system will be controlled
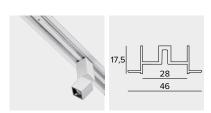
OZ Power Track
48Vdc

◇ IP20

```
    27
  ┌──────┐
6 │  □□  │
  └──────┘
```

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 188.

OZ Recessed profile for Power Track
Extruded painted aluminium profile

```
       28
17,5 ┌──────┐
       46
```
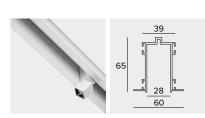
L mm	Kg	Version	Colour	Code
1000	0.4	CENTRAL/END MODULE	○	1T7489
			●	1T7492
1015	0.4	HEAD MODULE	○	1T7495
			●	1T7498
2000	0.8	CENTRAL/END MODULE	○	1T7490
			●	1T7493
2015	0.8	HEAD MODULE	○	1T7496
			●	1T7499
3000	1.2	CENTRAL/END MODULE	○	1T7491
			●	1T7494
3015	1.2	HEAD MODULE	○	1T7497
			●	1T7500

Note   For trimless installation or with a flange.
To be completed with Power Track.
Related codes and accessory codes on page 190.

OZ Recessed profile | Small
Extruded painted aluminium profile

```
      39
   ┌────────┐
65 │        │
      28
      60
```

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 190.

OZ Recessed profile | Large
Extruded painted aluminium profile
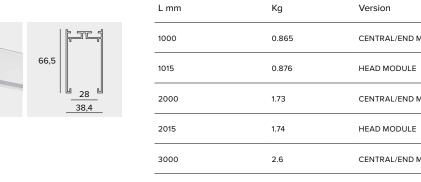
```
       64
   ┌─────────┐
65 │         │
       53
       85
```

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 190.

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
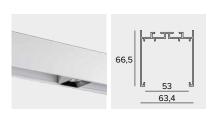
66,5
28
38,4

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 191.

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

66,5
53
63,4

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 191.

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

◇ 0.04 IP20

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-MWFL 16°/35° CASAMBI 3W		○	1T7965CA	1T7961CA	1T7969CA	1T7973CA
		●	1T7949CA	1T7945CA	1T7953CA	1T7957CA

Note Related codes and accessory codes on page 604.

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

◇ 0.06 IP20

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-MWFL 16°/35° CASAMBI 3W		○	1T7967CA	1T7963CA	1T7971CA	1T7975CA
		●	1T7951CA	1T7947CA	1T7955CA	1T7959CA

Note Related codes and accessory codes on page 604.

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	SP-MWFL 22°/46° CASAMBI 8W	○	1T7966CA	1T7962CA	1T7970CA	1T7974CA
		●	1T7950CA	1T7946CA	1T7954CA	1T7958CA

Note — Related codes and accessory codes on page 604.

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	SP-MWFL 22°/46° CASAMBI 8W	○	1T7968CA	1T7964CA	1T7972CA	1T7976CA
		●	1T7952CA	1T7948CA	1T7956CA	1T7960CA

Note — Related codes and accessory codes on page 604.

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

Note Related codes and accessory codes on page 604.

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

Note Related codes and accessory codes on page 604.

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

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

Note Related codes and accessory codes on page 604.

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

◇ | 0.24 | IP20

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

Note Related codes and accessory codes on page 604.

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

◇ | 0.57 | IP20
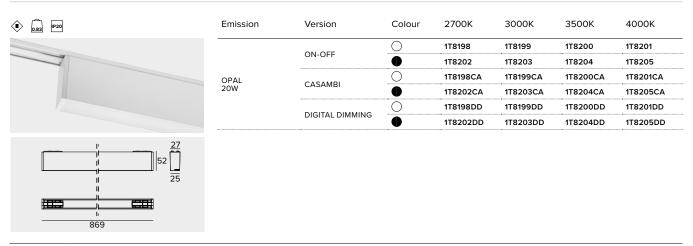
Emission	Version	Colour	2700K	3000K	3500K	4000K
OPAL 13W	ON-OFF	○	1T8190	1T8191	1T8192	1T8193
		●	1T8194	1T8195	1T8196	1T8197
	CASAMBI	○	1T8190CA	1T8191CA	1T8192CA	1T8193CA
		●	1T8194CA	1T8195CA	1T8196CA	1T8197CA
	DIGITAL DIMMING	○	1T8190DD	1T8191DD	1T8192DD	1T8193DD
		●	1T8194DD	1T8195DD	1T8196DD	1T8197DD

Note Related codes and accessory codes on page 604.

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

◇ | 0.83 | IP20

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

Note Related codes and accessory codes on page 604.

Related codes and accessories
OZ Power Track

Related codes

End Caps

	Colour	Code
	○	1T7026
	●	1T7027

Kit containing 2 profile end caps.

Related codes and accessories

OZ Power Track

Related codes

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
ON-OFF	○	**1T7028EL**
ON-OFF	●	**1T7029EL**

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

Driver	Colour	Code
ON-OFF	○	**1T7030EL**
ON-OFF	●	**1T7172EL**

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 1.5mm^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.

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.

Systems

Related codes and accessories
OZ Power Track

Accessory codes

Mounting System

	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 676.

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.
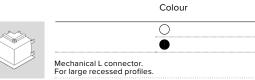
Related codes and accessories
OZ Recessed profile

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.
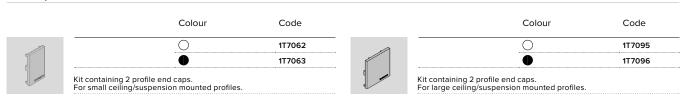
Related codes and accessories
OZ Ceiling/Suspension installation profile

Related codes

End Caps

Colour	Code
○	**1T7062**
●	**1T7063**

Kit containing 2 profile end caps.
For small ceiling/suspension mounted profiles.

Colour	Code
○	**1T7095**
◐	**1T7096**

Kit containing 2 profile end caps.
For large ceiling/suspension mounted profiles.

Mounting System

	Code
	1T7065

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.

	Code
	1T7066

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
○	**1T7056**
●	**1T7059**

Mechanical L connector.
For small ceiling/suspension mounted profiles.

Colour	Code
○	**1T7089**
●	**1T7092**

Mechanical L connector.
For large ceiling/suspension mounted profiles.

Colour	Code
○	**1T7057**
●	**1T7060**

Mechanical T connector.
For small ceiling/suspension mounted profiles.

Colour	Code
○	**1T7090**
●	**1T7093**

Mechanical T connector.
For large ceiling/suspension mounted profiles.

Colour	Code
○	**1T7058**
●	**1T7061**

Mechanical X connector.
For small ceiling/suspension mounted profiles.

Colour	Code
○	**1T7091**
●	**1T7094**

Mechanical X connector.
For large ceiling/suspension mounted profiles.

Accessory codes

Mechanical connector

	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
1000	○	**1T9595**
1000	●	**1T9597**
2000	○	**1T9596**
2000	●	**1T9598**
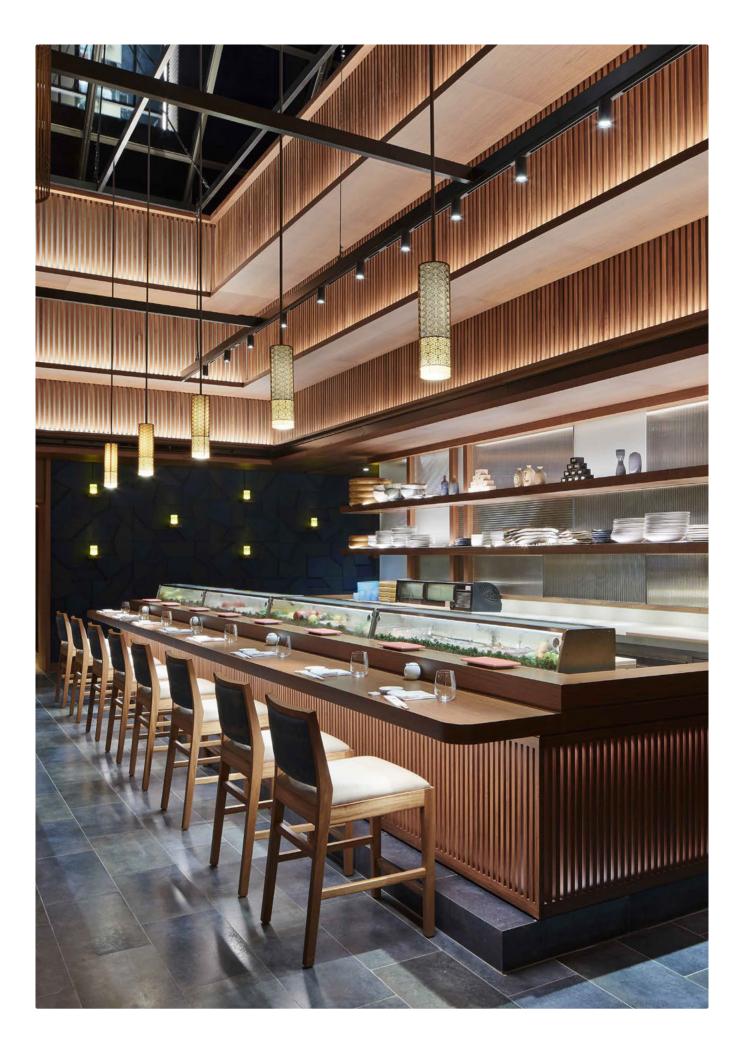
Cover for small profiles for ceiling/suspension installation.

L mm	Colour	Code
1000	○	**1T9599**
1000	●	**1T9601**
2000	○	**1T9600**
2000	●	**1T9602**

Cover for large profiles for ceiling/suspension installation.

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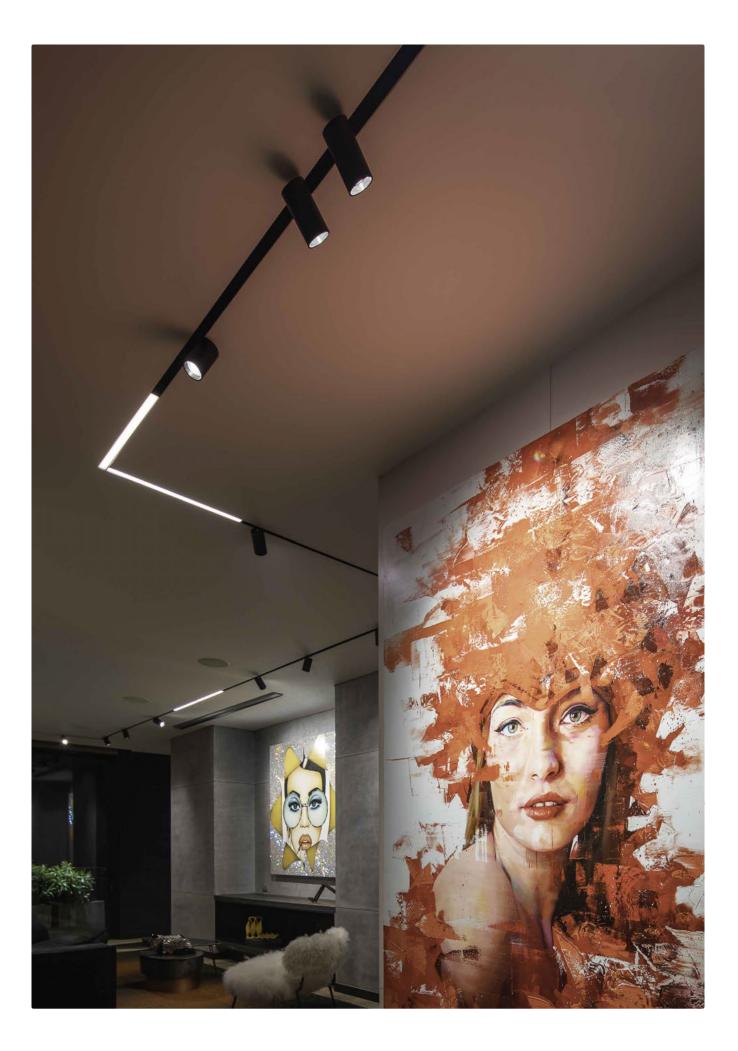
Is a complete and versatile system to design any space with light. Its thin profile can be ceiling-mounted, recessed or wall-mounted and can be equipped with different light units for diffused, spot and projected lighting effects.

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**

Bianco	Nero	Easy Custom Colours
FINISH		

2700K (Logico 30)
3500K
Power supply 110-277Vac Label 7

ON REQUEST

194

LOGICO 30
A linear fixture for a soft
and diffused lighting effect.

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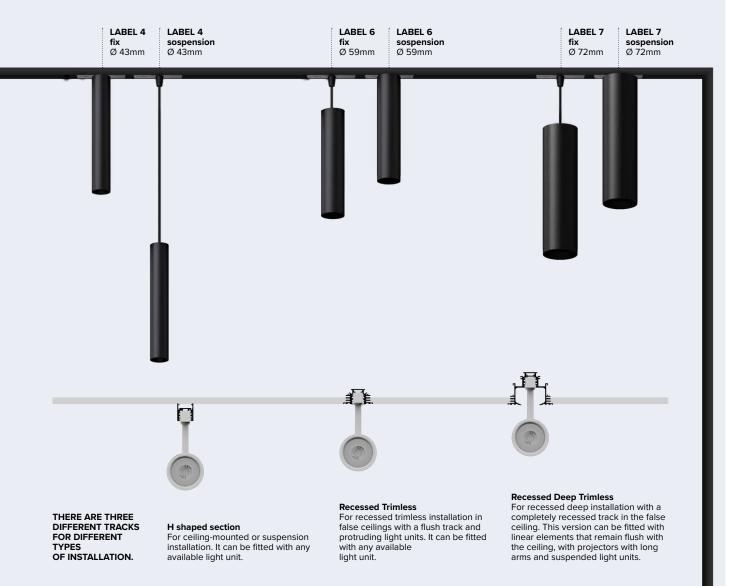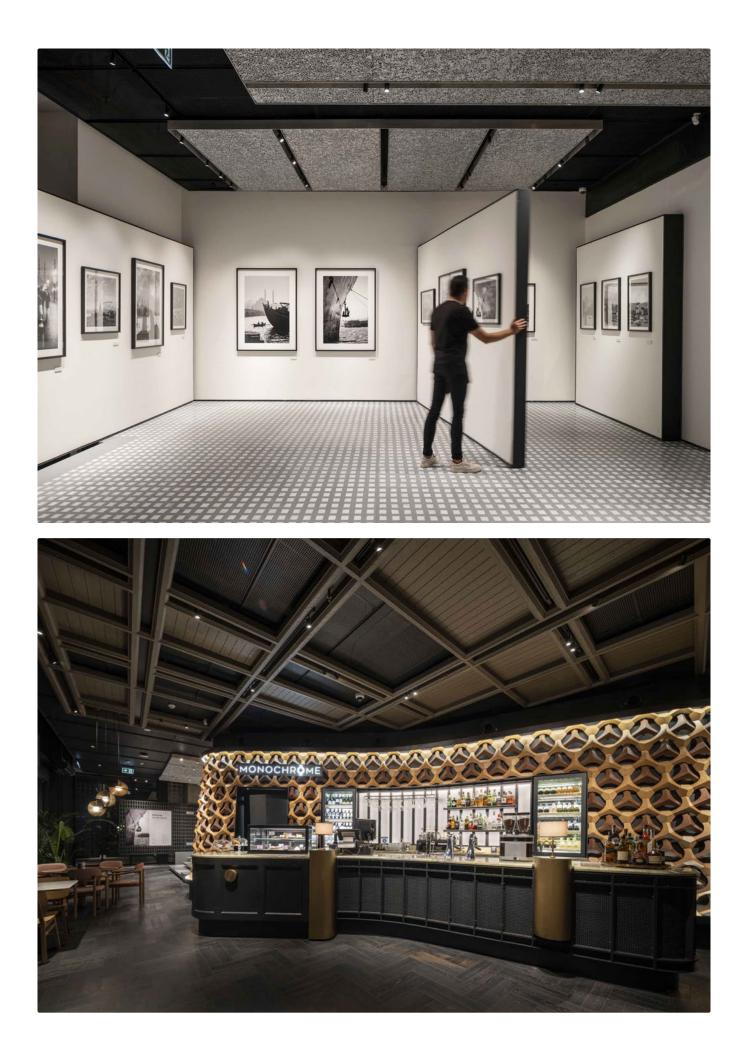
LABEL SUSPENSION
Direct lighting complete with a suspension
cable makes it possible to bring the light source closer to the surface to be lit.

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** sospension Ø 43mm	**LABEL 6** fix Ø 59mm	**LABEL 6** sospension Ø 59mm	**LABEL 7** fix Ø 72mm	**LABEL 7** sospension Ø 72mm

THERE ARE 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.

Systems

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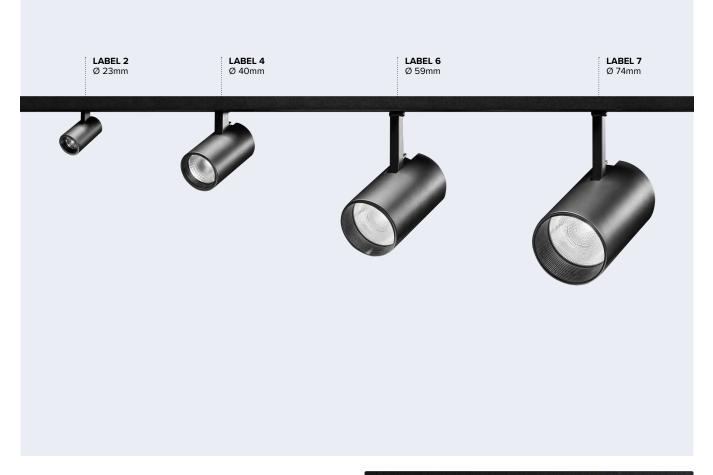
ON — OFF
Turning the entire system connected to the same driver on and off.

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

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

LABEL 2
Ø 23mm

LABEL 4
Ø 40mm

LABEL 6
Ø 59mm

LABEL 7
Ø 74mm

LABEL 2
Ø 23mm

**Illuminate your system with
the light units available.**

LABEL 7
Up to 112lm/W
From 906lm to 2542lm
2700K - 3000K - 4000K
Ra90

LENS

TS1865 Imax=7577cd/klm	TS1866 Imax=3306cd/klm	TS1867 Imax=1623cd/klm
SP 17°	FL 26°	MWFL 41°

LABEL 6
Up to 115lm/W
From 840lm to 1727lm
2700K - 3000K - 4000K
Ra90

LENS

TS1977 Imax=10204cd/klm	TS1975 Imax=3488cd/klm	TS1976 Imax=1767cd/klm
SP 14°	FL 26°	MWFL 41°

LABEL 4
Up to 110lm/W
From 533lm to 953lm
2700K - 3000K - 4000K
Ra90

LENS

TS1952 Imax=4291cd/klm	TS1953 Imax=2834cd/klm	TS1954 Imax=1622cd/klm
SP 18°	FL 27°	MWFL 42°

LABEL 2
Up to 43lm/W
From 124lm to 164lm
2700K - 3000K - 4000K
Ra90

LENS

TS1157 Imax=7873cd/klm	TS1158 Imax=1920cd/klm	TS1159 Imax=983cd/klm
SP 13°	FL 31°	MWFL 49°

LOGICO 30
Up to 77lm/W
From 934lm to 1992lm
3000K - 4000K
Ra90

OPAL SCREEN
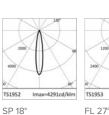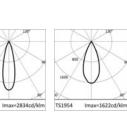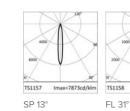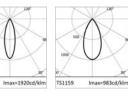
TS1075 Imax=237cd/klm
Opal

*** The photometries reported in the
table refer to LED 300K**

Systems

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 212.

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 212.

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 212.

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 213.
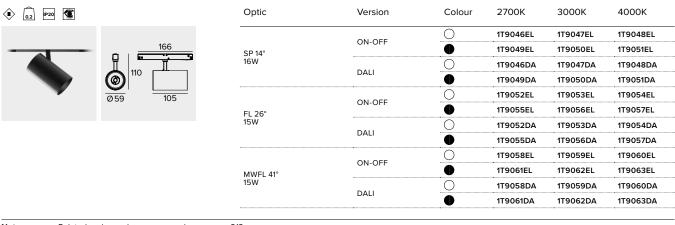
FORTYEIGHT Label 7 | Long arm
48Vdc | Ra90 | Fixture flux 3000K from 2236lm to 2397lm

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 213.

177   151   74   130

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 213.

166   110   Ø59   105

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 213.

166   130   Ø59   105
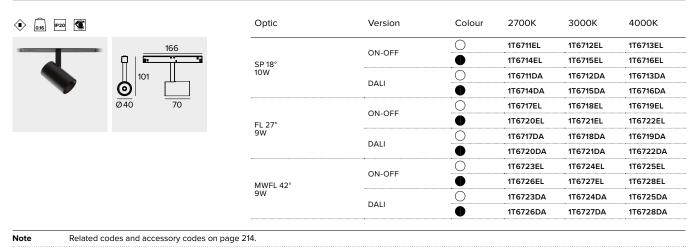
FORTYEIGHT Label 4 | Short arm
48Vdc | Ra90 | Fixture flux 3000K from 674lm to 881lm

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 214.

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 214.

FORTYEIGHT Label 2 | Short arm
48Vdc | Ra90 | Fixture flux 3000K from 131lm to 152lm
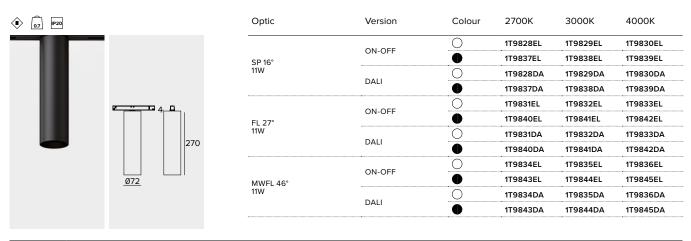
Optic	Version	Colour	2700K	3000K	4000K
SP 13° 4W	ON-OFF	○	1T6639EL	1T6640EL	1T6641EL
		●	1T6642EL	1T6643EL	1T6644EL
	DALI	○	1T6639DA	1T6640DA	1T6641DA
		●	1T6642DA	1T6643DA	1T6644DA
FL 31° 4W	ON-OFF	○	1T6645EL	1T6646EL	1T6647EL
		●	1T6648EL	1T6649EL	1T6650EL
	DALI	○	1T6645DA	1T6646DA	1T6647DA
		●	1T6648DA	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 214.

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 214.

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.
Related codes and accessory codes on page 604.

FORTYEIGHT Label 6 | Fix
48Vdc | Ra90 | Fixture flux 3000K from 865lm to 879lm
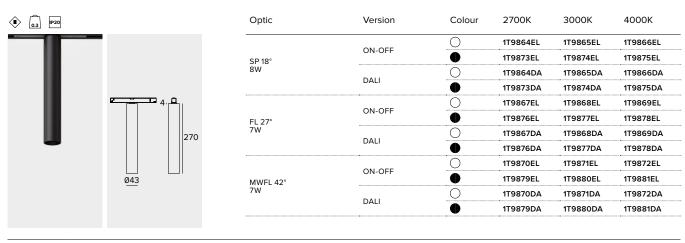
Optic	Version	Colour	2700K	3000K	4000K
SP 16° 9W	ON-OFF	○	1T9846EL	1T9847EL	1T9848EL
		●	1T9855EL	1T9856EL	1T9857EL
	DALI	○	1T9846DA	1T9847DA	1T9848DA
		●	1T9855DA	1T9856DA	1T9857DA
FL 35° 9W	ON-OFF	○	1T9849EL	1T9850EL	1T9851EL
		●	1T9858EL	1T9859EL	1T9860EL
	DALI	○	1T9849DA	1T9850DA	1T9851DA
		●	1T9858DA	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.
Related codes and accessory codes on page 604.
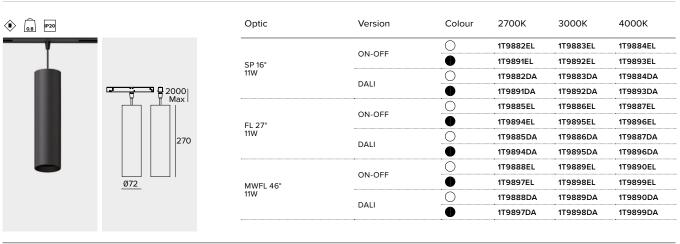
FORTYEIGHT Label 4 | Fix
48Vdc | Ra90 | Fixture flux 3000K from 563lm to 725lm

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.
Related codes and accessory codes on page 604.

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

Note Related codes and accessory codes on page 604.
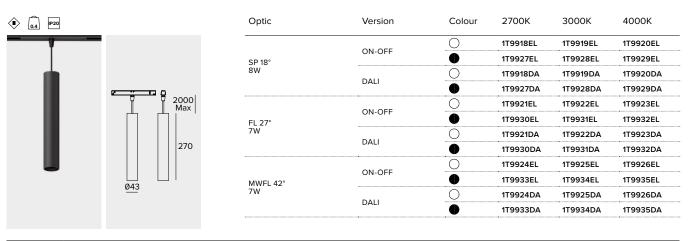
FORTYEIGHT Label 6 | Suspension
48Vdc | Ra90 | Fixture flux 3000K from 865lm to 879lm

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

Note Related codes and accessory codes on page 604.

FORTYEIGHT Label 4 | Suspension
48Vdc | Ra90 | Fixture flux 3000K from 563lm to 725lm

◇ 🛍0.4 IP20

2000 Max

270

Ø43

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

Note

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

◇ 🛍0.37 IP20 ◖

166

573

29

27

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

Note

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

◇ 🛍0.78 IP20 ◖

394   166   203

1132

29

27
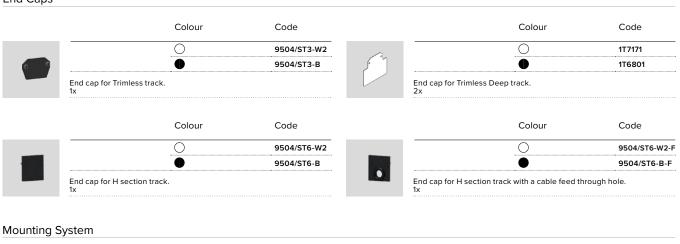
Emission	Version	Colour	3000K	4000K
OPAL 26W	ON-OFF	◯	1T6627EL	1T6628EL
		●	1T6629EL	1T6630EL
	DALI	◯	1T6627DA	1T6628DA
		●	1T6629DA	1T6630DA

Note

Systems
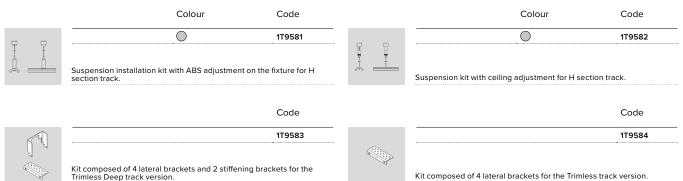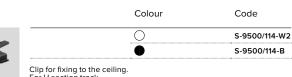
Related codes and accessories
FORTYEIGHT Track

Related codes

End Caps

	Colour	Code
	○	**9504/ST3-W2**
	●	**9504/ST3-B**

End cap for Trimless track.
1x

	Colour	Code
	○	**1T7171**
	●	**1T6801**

End cap for Trimless Deep track.
2x

	Colour	Code
	○	**9504/ST6-W2**
	●	**9504/ST6-B**

End cap for H section track.
1x

	Colour	Code
	○	**9504/ST6-W2-F**
	●	**9504/ST6-B-F**

End cap for H section track with a cable feed through hole.
1x

Mounting System

	Colour	Code
	○	**1T9581**

Suspension installation kit with ABS adjustment on the fixture for H section track.

	Colour	Code
	○	**1T9582**

Suspension kit with ceiling adjustment for H section track.

	Code
	1T9583

Kit composed of 4 lateral brackets and 2 stiffening brackets for the Trimless Deep track version.

	Code
	1T9584

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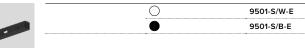
48Vdc electronic driver.
1T6917EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm².
1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm².
1T7403EL - Universal power supply (110-277V) for Electronic,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

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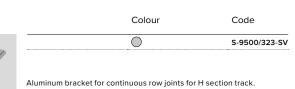
Not polarized power head.

Accessory codes

Mechanical connector

	Colour	Code
	○	**S-9500/323-SV**

Aluminum bracket for continuous row joints for H section track.

	Colour	Code
	○	**S-9500/314-W2**
	●	**S-9500/314-B**

Supporting bracket for direct connection for trimless and trimless deep applications.

Related codes and accessories
FORTYEIGHT Track
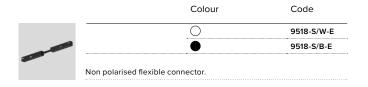
Accessory codes

Tool

	Code
	S-9000/T

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

Electrical Connector

Colour	Code
○	**9511/W-E**
●	**9511/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°.

Colour	Code
○	**9503-S/W-E**
●	**9503-S/B-E**

Not polarized through joint.

Colour	Code
○	**9518-S/W-E**
●	**9518-S/B-E**

Non polarised flexible connector.

Mechanical connector
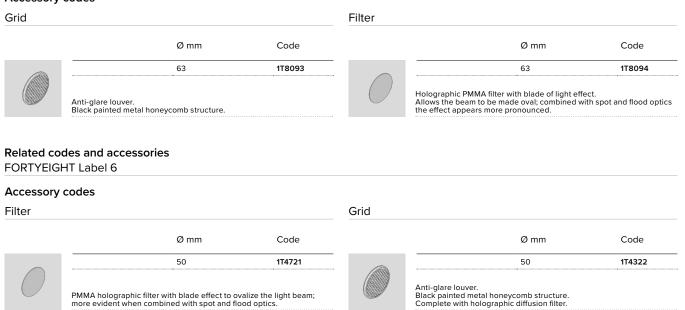
Colour	Code
○	**S-9511/W2-ST6**
●	**S-9511/B-ST6**

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 676.

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
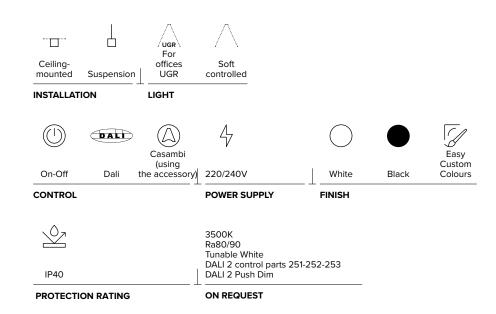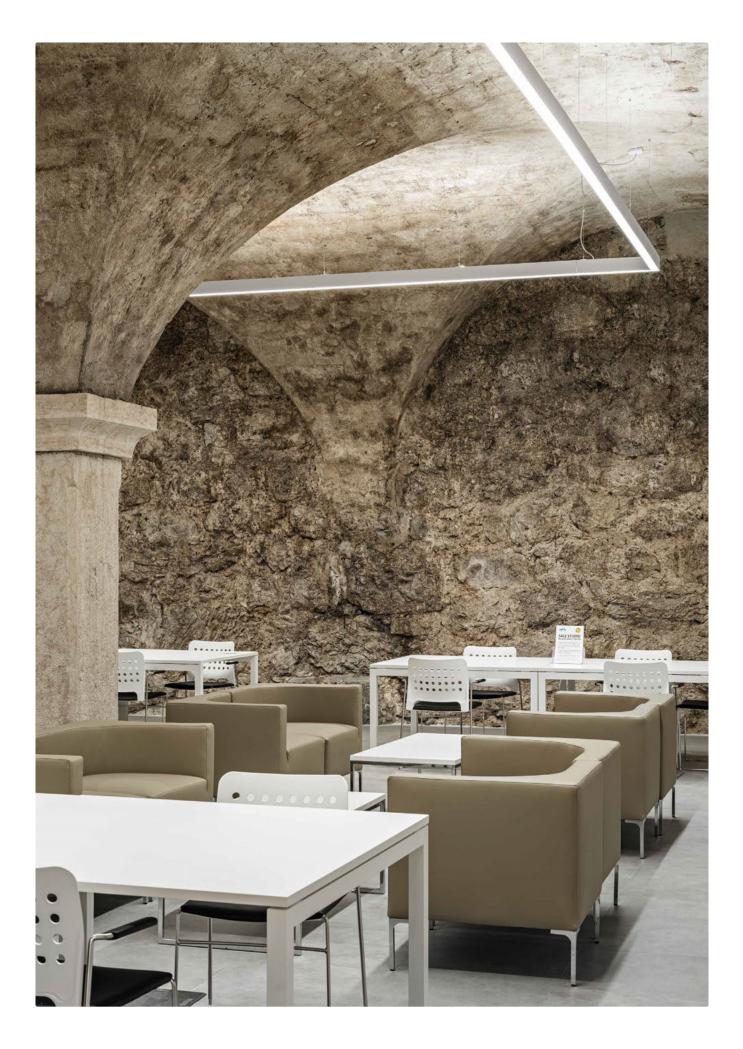
	Ø mm	Code
	17	**1T6939**

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

The lighting system for lighting offices and spaces where it is important to provide the right light for the visual task. With the various modules available it is possible to create linear light geometries that define paths, emphasise architecture or become elements capable of decorating and adding character to environments.

Ceiling-mounted	Suspension	UGR For offices UGR	Soft controlled
INSTALLATION		**LIGHT**	

On-Off	Dali	Casambi (using the accessory)	220/240V	White	Black	Easy Custom Colours
CONTROL			**POWER SUPPLY**	**FINISH**		

IP40	3500K Ra80/90 Tunable White DALI 2 control parts 251-252-253 DALI 2 Push Dim
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/m^2
white: L65<1500cd/m^2
(EN-12464)

LOGICO EASY 57
UGR <16
L65<1500cd/m^2
(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.

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.

UGR<19
L65<3000cd/m^2
(EN-12464)

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 'installation.

LOGICO EASY 37
Up to 92lm/W
From 1444lm to 10264lm
3000K - 4000K
Ra80 - Ra90

6000843a   Imax=347cd/klm   6000843   Imax=198cd/klm
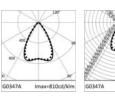
Down   UP/DOWN

LOGICO EASY 37
Up to 151lm/W
From 1683lm to 10901lm
3000K - 4000K
Ra80 - Ra90

CELLULAR OPTICAL SYSTEM

G0347A   Imax=810cd/klm   G0347A   Imax=502cd/klm

Down   Up/Down

LOGICO EASY 57
Up to 112lm/W
From 1229lm to 12596lm
3000K - 4000K
Ra80 - Ra90

OPAL SCREEN

G0300A   Imax=353cd/klm   G0300A   Imax=222cd/klm

Down   Up/Down

LOGICO EASY 57
Up to 135lm/W
From 1281lm to 11533lm
3000K - 4000K
Ra80 - Ra90

CELLULAR OPTICAL SYSTEM

6000770   Imax=920cd/klm   6000770   Imax=358cd/klm
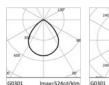
Down   Up/Down

LOGICO EASY 57
Up to 112lm/W
From 1229lm to 11180lm
3000K - 4000K
Ra80 - Ra90

UGR SCREEN

G0300   Imax=552cd/klm   G0300   Imax=226cd/klm

Down   Up/Down

LOGICO EASY 100
Up to 115lm/W
From 2318lm to 15302lm
3000K - 4000K
Ra80 - Ra90

UGR SCREEN

G0301   Imax=524cd/klm   G0301   Imax=272cd/klm

Down   Up/Down
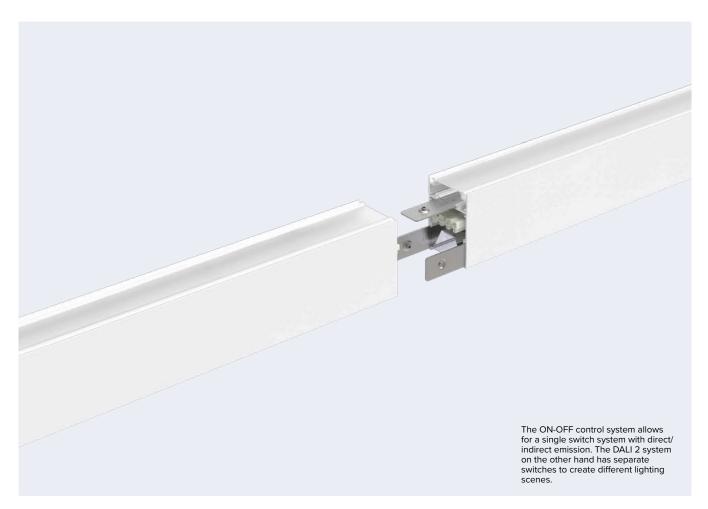
LOGICO EASY 100
Up to 115lm/W
From 2318lm to 16541lm
3000K - 4000K
Ra80 - Ra90

OPAL SCREEN

G0301A   Imax=359cd/klm   G0301A   Imax=189cd/klm

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 photometries shown in the table refer to LED 3000K

Systems

Closed system

226

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

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.

Mechanical connection
Each module is already fitted 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 the light modules are equipped with ensures quick and easy installation. Electrical connection is assured with special male/ female connectors and every module is already fitted with mechanical joints which guarantee a significant reduction in installation times.
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.

Capua 1880
Municipality of Bastia Umbra
Mezzolombardo

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) ompliant 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
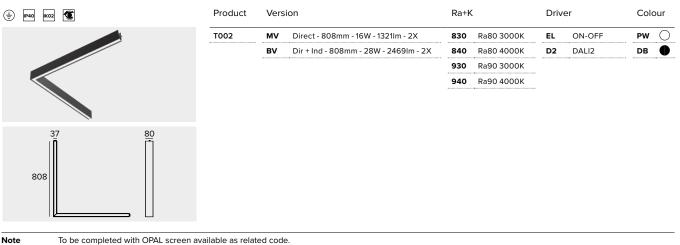
Product	Version		Ra+K		Driver		Colour	
T001	MZ	Direct - 1168mm - 24W - 1789lm	830	Ra80 3000K	EL	ON-OFF	PW	○
	MY	Direct - 1458mm - 29W - 2238lm	840	Ra80 4000K	D2	DALI2	DB	●
	MX	Direct - 2336mm - 47W - 3579lm	930	Ra90 3000K				
	MW	Direct - 2916mm - 58W - 4476lm	940	Ra90 4000K				
	BZ	Dir + Ind - 1168mm - 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 235.

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 235.

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 236.
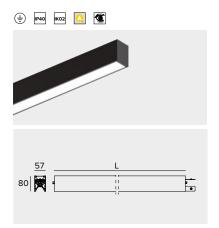
LOGICO EASY System 57 | OPAL HO | Linear module
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1768lm to 12091lm

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 237.

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 237.

LOGICO EASY System 57 | OPAL HO | L module
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2458lm to 5870lm

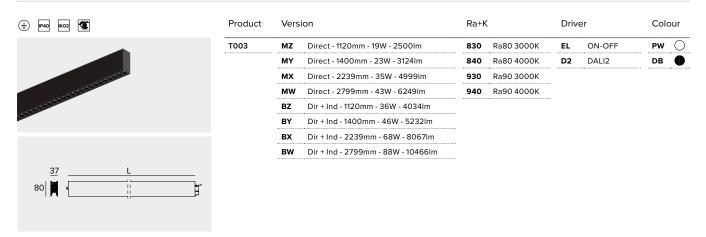| Product	Version		Ra+K		Driver		Colour	
T007	**MV**	Direct - 818mm - 19W - 1523lm - 2X	**830**	Ra80 3000K	**EL**	ON-OFF	**PW** ○
	BV	Dir + Ind - 818mm - 31W - 2935lm - 2X	**840**	Ra80 4000K	**D2**	DALI2	**DB** ●
			930	Ra90 3000K			
			940	Ra90 4000K			

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 237.

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 238.

LOGICO EASY System 57 | OPAL / UGR19 | Linear module Emergency
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1639lm to 10732lm
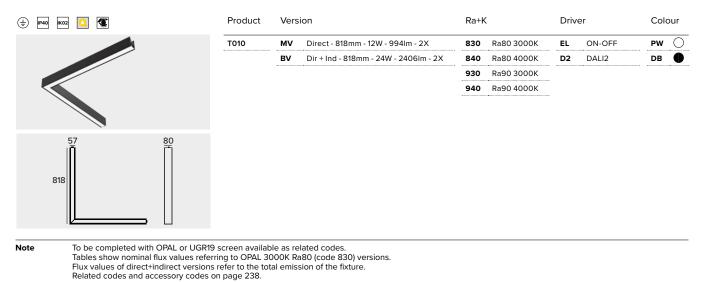
Product	Version		Ra+K		Driver		Colour	
T009	MY	Direct - 1458mm - 24W - 2030lm	830	Ra80 3000K	EL	ON-OFF EM.	PW	○
	MX	Direct - 2336mm - 34W - 3045lm	840	Ra80 4000K	D2	DALI2 EM.	DB	●
	MW	Direct - 2916mm - 45W - 4060lm	930	Ra90 3000K				
	BX	Dir + Ind - 2336mm - 79W - 8243lm	940	Ra90 4000K				
	BW	Dir + 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 238.

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 238.

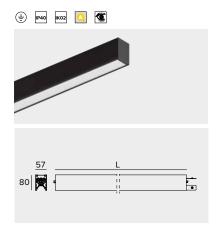## LOGICO EASY System 57 | UGR16 | Linear module
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1281lm to 11071lm

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 239.

LOGICO EASY System 57 | UGR16 | Linear module Emergency
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1601lm to 11071lm
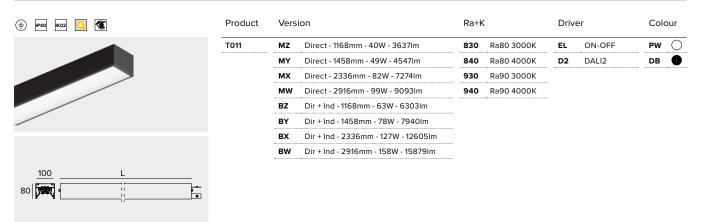
Product	Version		Ra+K		Driver		Colour	
T028	MY	Direct - 1468mm - 19W - 2143lm	830	Ra80 3000K	EL	ON-OFF EM.	PW	○
	MX	Direct - 2348mm - 28W - 3471lm	840	Ra80 4000K	D2	DALI2 EM.	DB	●
	MW	Direct - 2935mm - 34W - 4285lm	930	Ra90 3000K				
	BX	Dir + Ind - 2348mm - 72W - 8802lm	940	Ra90 4000K				
	BW	Dir + 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 239.

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 240.

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

		IP40	IK02		

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 240.

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

		IP40	IK02		

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 240.

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

		IP40	IK02		

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						
	BX	Dir + Ind - 2336mm - 103W - 11073lm						
	BW	Dir + Ind - 2916mm - 133W - 14443lm						

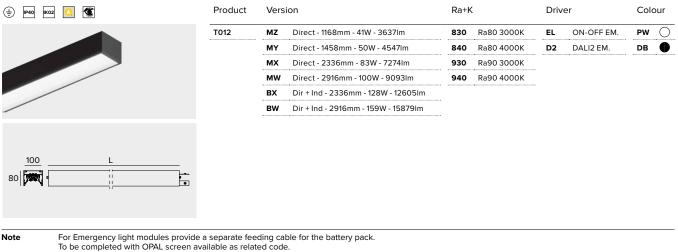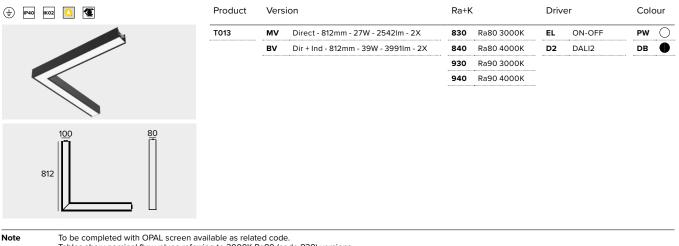**Note** To be completed with OPAL or UGR19 screen available as related codes.
Tables show nominal flux values referring to OPAL 3000K Ra80 (code 830) versions.
Flux values of direct+indirect versions refer to the total emission of the fixture.
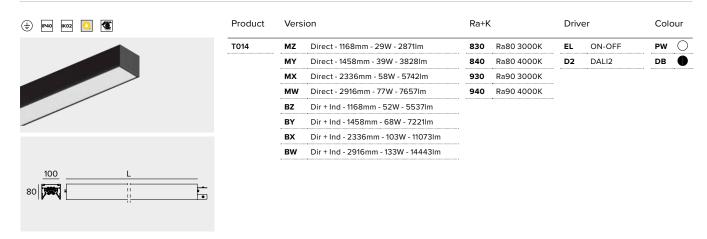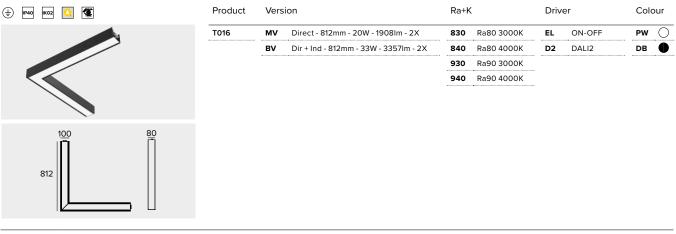Related codes and accessory codes on page 241.

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 241.

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 241.

Related codes and accessories
LOGICO EASY System 37 - OPAL

Related codes

Screen

Dimensions	Version	Code
L=6m	LOGICO Easy 37	**A002SL1**
L=9m	LOGICO Easy 37	**A002SL2**
L=15m	LOGICO Easy 37	**A002SL3**

OPAL screen (Direct Emission).

Related codes and accessories
LOGICO EASY System 37 - OPAL

Accessory codes

Electrical Connector

Driver	Colour	Code
DALI2	●	**A014SD2B**
DALI2	○	**A014SD2W**
ON-OFF	●	**A014SELB**
ON-OFF	○	**A014SELW**

L-shaped blind joint.
For LOGICO EASY System 37.

End Caps

Colour	Code
●	**A003S2B**
○	**A003S2W**

End caps (2 pieces).
For LOGICO EASY System 37 - OPAL.

Cover Panel

Colour	Code
●	**A005SB**
○	**A005SW**

Joint for screens.
To be used for configurations longer than 15 meters.
For LOGICO EASY System 37.

Bracket

Version	Code
LOGICO Easy 37	**A006S**

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 37.

Version	Code
LOGICO Easy 37	**A007S**

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 37.

Terminal Box

Version	Code
5 Poli DALI	**A009Y**
3 Poli ON-OFF	**A009Z**

Terminal block (plug/socket).
One for each power supply.
A009Y - For LOGICO EASY 37.
A009Z - For LOGICO EASY 37 | 57 | 100.
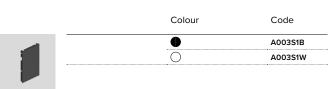
Related codes and accessories
LOGICO EASY System 37 - UGR19

Accessory codes

Electrical Connector

Driver	Colour	Code
DALI2	●	**A014SD2B**
DALI2	○	**A014SD2W**
ON-OFF	●	**A014SELB**
ON-OFF	○	**A014SELW**

L-shaped blind joint.
For LOGICO EASY System 37.

End Caps

Colour	Code
●	**A003S1B**
○	**A003S1W**

End caps (2 pieces).
For LOGICO EASY System 37 - UGR19.

Bracket

Version	Code
LOGICO Easy 37	**A006S**

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 37.

Version	Code
LOGICO Easy 37	**A007S**

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 37.

Accessory codes

Terminal Box

Version	Code
5 Poli DALI	**A009Y**
3 Poli 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 57 - OPAL HO

Related codes

Screen

Dimensions	Version	Code
L=6m	LOGICO Easy 57	**A002ML1**
L=9m	LOGICO Easy 57	**A002ML2**
L=15m	LOGICO Easy 57	**A002ML3**

OPAL screen (Direct Emission).

Accessory codes

Electrical Connector

Driver	Colour	Code
DALI2	●	**A014MD2B**
DALI2	○	**A014MD2W**
ON-OFF	●	**A014MELB**
ON-OFF	○	**A014MELW**

L-shaped blind joint.
For LOGICO EASY System 57.

End Caps

Colour	Code
●	**A003M2B**
○	**A003M2W**
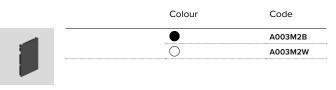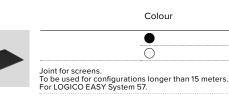
End caps (2 pieces).
For LOGICO EASY System 57 - OPAL HO.

Cover Panel

Colour	Code
●	**A005MB**
○	**A005MW**

Joint for screens.
To be used for configurations longer than 15 meters.
For LOGICO EASY System 57.

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

Version	Code
LOGICO Easy 57	**A006M**

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.

Version	Code
LOGICO Easy 57	**A007M**

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.

Terminal Box

Version	Code
5 Poli DALI	**A009X**
3 Poli 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 - OPAL HO

Accessory codes

Control systems

	Code
	1T5349
IP20 wireless control unit with DALI interface. More details on page 676.	

	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 676.	

Related codes and accessories
LOGICO EASY System 57 - OPAL / UGR19

Related codes

Screen

Dimensions	Version	Code
L=6m	LOGICO Easy 57	**A001ML1**
L=9m	LOGICO Easy 57	**A001ML2**
L=15m	LOGICO Easy 57	**A001ML3**
UGR19 screen (Direct Emission).		

Dimensions	Version	Code
L=6m	LOGICO Easy 57	**A002ML1**
L=9m	LOGICO Easy 57	**A002ML2**
L=15m	LOGICO Easy 57	**A002ML3**
OPAL screen (Direct Emission).		

Accessory codes

Electrical Connector

Driver	Colour	Code
DALI2	●	**A014MD2B**
DALI2	○	**A014MD2W**
ON-OFF	●	**A014MELB**
ON-OFF	○	**A014MELW**
L-shaped blind joint. For LOGICO EASY System 57.		

End Caps
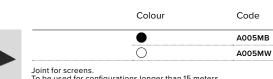
Colour	Code
●	**A003M2B**
○	**A003M2W**
End caps (2 pieces). For LOGICO EASY System 57 - OPAL / UGR19.	

Cover Panel

Colour	Code
●	**A005MB**
○	**A005MW**
Joint for screens. To be used for configurations longer than 15 meters. For LOGICO EASY System 57.	

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

Version	Code
LOGICO Easy 57	**A006M**
Bracket for ceiling installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 57.	

Version	Code
LOGICO Easy 57	**A007M**
Bracket with adjustment system for suspended installation (2 pieces). Two brackets needed for each lighting module. For LOGICO EASY 57.	

Terminal Box

Version	Code
5 Poli DALI	**A009X**
3 Poli ON-OFF	**A009Z**
Terminal block (plug/socket). One for each power supply. **A009X** - For LOGICO EASY 57 I 100. **A009Z** - For LOGICO EASY 37 I 57 I 100.	

Related codes and accessories

LOGICO EASY System 57 - OPAL / UGR19

Accessory codes

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Related codes and accessories

LOGICO EASY System 57 - UGR16

Accessory codes

Electrical Connector

Driver	Colour	Code
DALI2	●	**A014MD2B**
DALI2	○	**A014MD2W**
ON-OFF	●	**A014MELB**
ON-OFF	○	**A014MELW**

L-shaped blind joint.
For LOGICO EASY System 57.

End Caps

Colour	Code
●	**A003M1B**
○	**A003M1W**

End caps (2 pieces).
For LOGICO EASY System 57 - UGR16.

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

Version	Code
LOGICO Easy 57	**A006M**

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.

Version	Code
LOGICO Easy 57	**A007M**

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.

Terminal Box

Version	Code
5 Poli DALI	**A009X**
3 Poli 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.

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Systems

Related codes

Screen

Dimensions	Version	Code
L=6m	LOGICO Easy 100	**A002LL1**
L=9m	LOGICO Easy 100	**A002LL2**
L=15m	LOGICO Easy 100	**A002LL3**

OPAL screen (Direct Emission).

Accessory codes

End Caps

	Colour	Code
	●	**A003L1B**
	○	**A003L1W**

End caps (2 pieces).
For LOGICO EASY System 100.

Cover Panel

	Colour	Code
	●	**A005LB**
	○	**A005LW**

Joint for screens.
To be used for configurations longer than 15 meters.
For LOGICO EASY System 100.

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

	Version	Code
	LOGICO Easy 100	**A006L**

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 100.

	Version	Code
	LOGICO Easy 100	**A007L**

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 100.

Terminal Box

	Version	Code
	5 Poli DALI	**A009X**
	3 Poli 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.

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Related codes and accessories
LOGICO EASY System 100 - OPAL / UGR19

Related codes

Screen

Dimensions	Version	Code
L=6m	LOGICO Easy 100	**A001LL1**
L=9m	LOGICO Easy 100	**A001LL2**
L=15m	LOGICO Easy 100	**A001LL3**

UGR19 screen (Direct Emission).

Dimensions	Version	Code
L=6m	LOGICO Easy 100	**A002LL1**
L=9m	LOGICO Easy 100	**A002LL2**
L=15m	LOGICO Easy 100	**A002LL3**

OPAL screen (Direct Emission).

Accessory codes

End Caps

Colour	Code
●	**A003L1B**
○	**A003L1W**

End caps (2 pieces).
For LOGICO EASY System 100.

Cover Panel

Colour	Code
●	**A005LB**
○	**A005LW**

Joint for screens.
To be used for configurations longer than 15 meters.
For LOGICO EASY System 100.

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

Version	Code
LOGICO Easy 100	**A006L**

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 100.

Version	Code
LOGICO Easy 100	**A007L**

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 100.

Terminal Box

Version	Code
5 Poli DALI	**A009X**
3 Poli 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.

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Systems

Related codes and accessories
LOGICO EASY | Codes compatible with the whole range

Accessory codes

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).

LOGICO SYSTEM
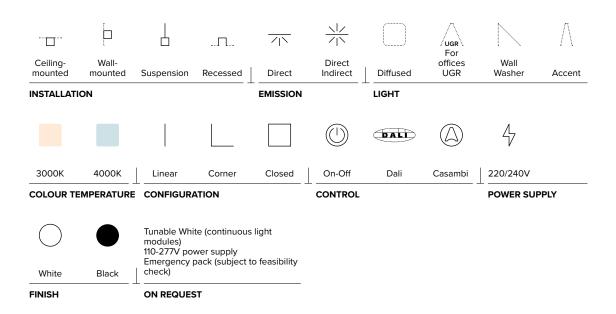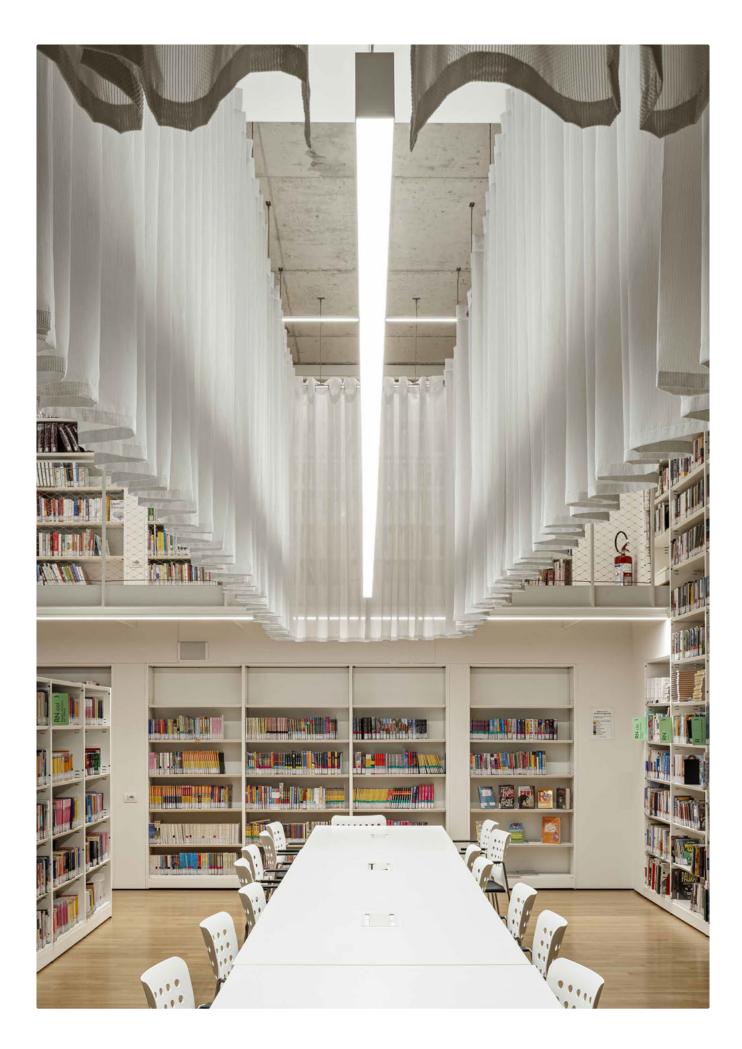
A modular lighting system that provides great design flexibility thanks to modules of different lengths, connectors and different optical systems. This allows for recessed, ceiling-mounted and suspension applications.
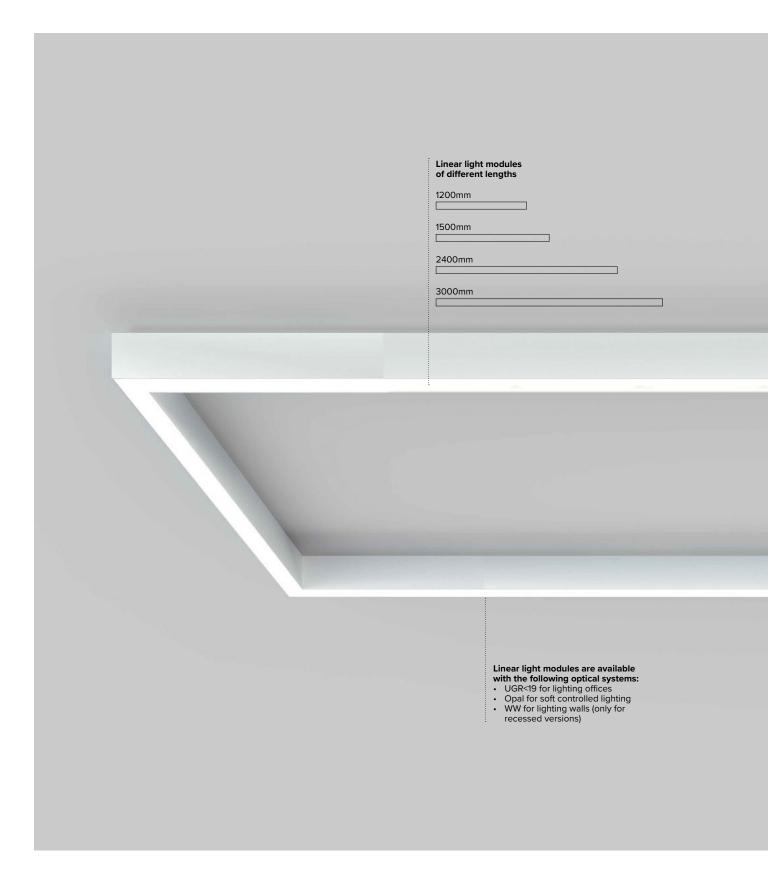It is particularly suitable for lighting work spaces and hospitality environments.
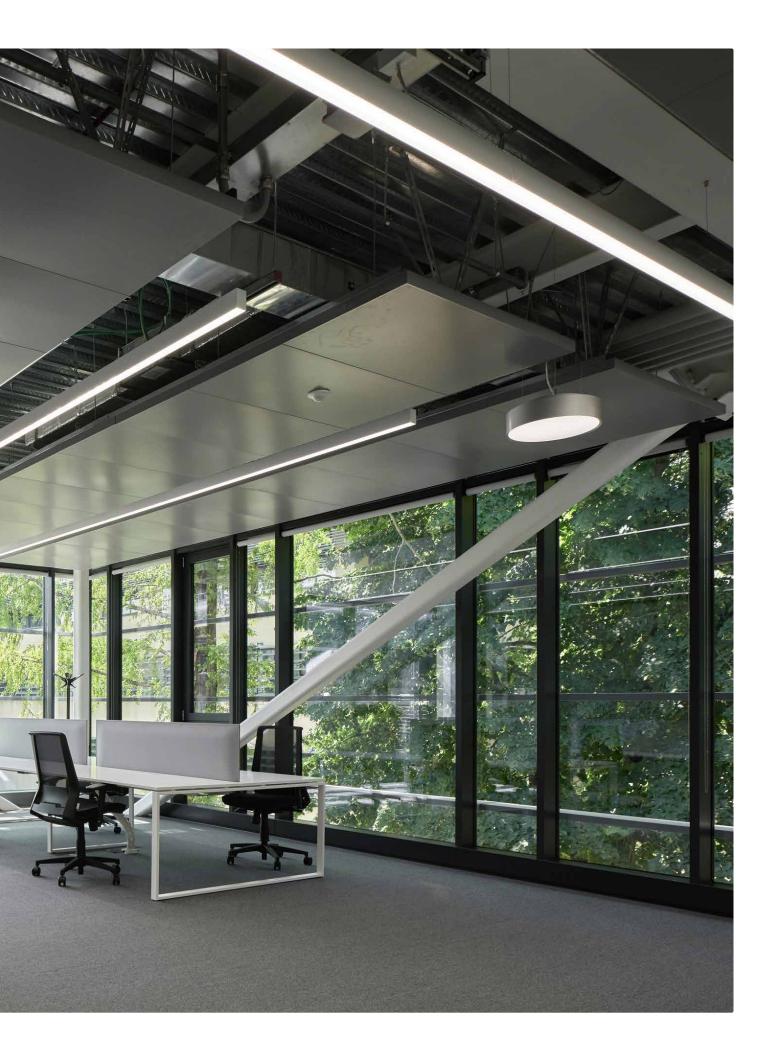
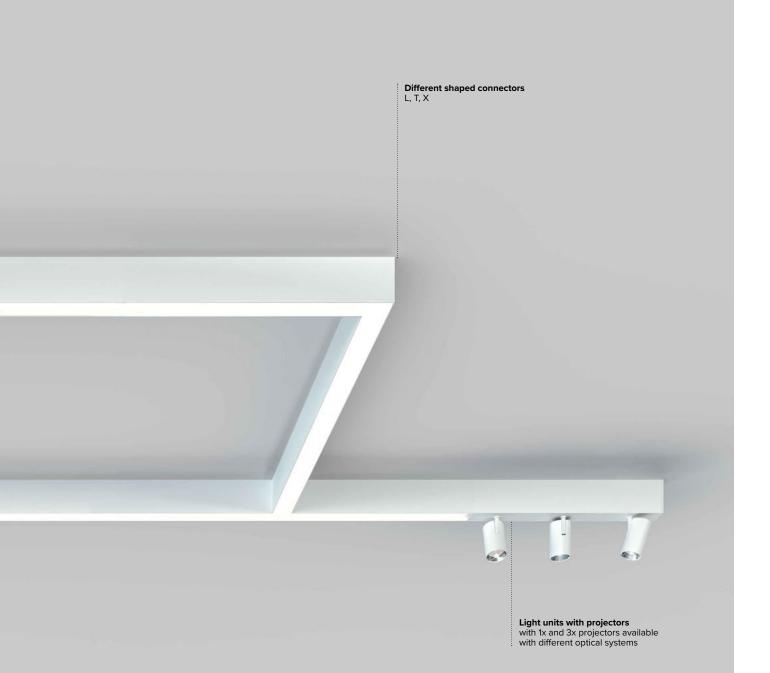| Ceiling-mounted	Wall-mounted	Suspension	Recessed		Direct	Direct Indirect		Diffused	UGR For offices UGR	Wall Washer	Accent
INSTALLATION					**EMISSION**			**LIGHT**			

3000K	4000K	Linear	Corner	Closed		On-Off	Dali	Casambi		220/240V
COLOUR TEMPERATURE		**CONFIGURATION**				**CONTROL**				**POWER SUPPLY**

White	Black	Tunable White (continuous light modules) 110-277V power supply Emergency pack (subject to feasibility check)
FINISH		**ON REQUEST**

**Linear light modules
of different lengths**

1200mm

1500mm

2400mm

3000mm

**Linear light modules are available
with the following optical systems:**
- UGR<19 for lighting offices
- Opal for soft controlled lighting
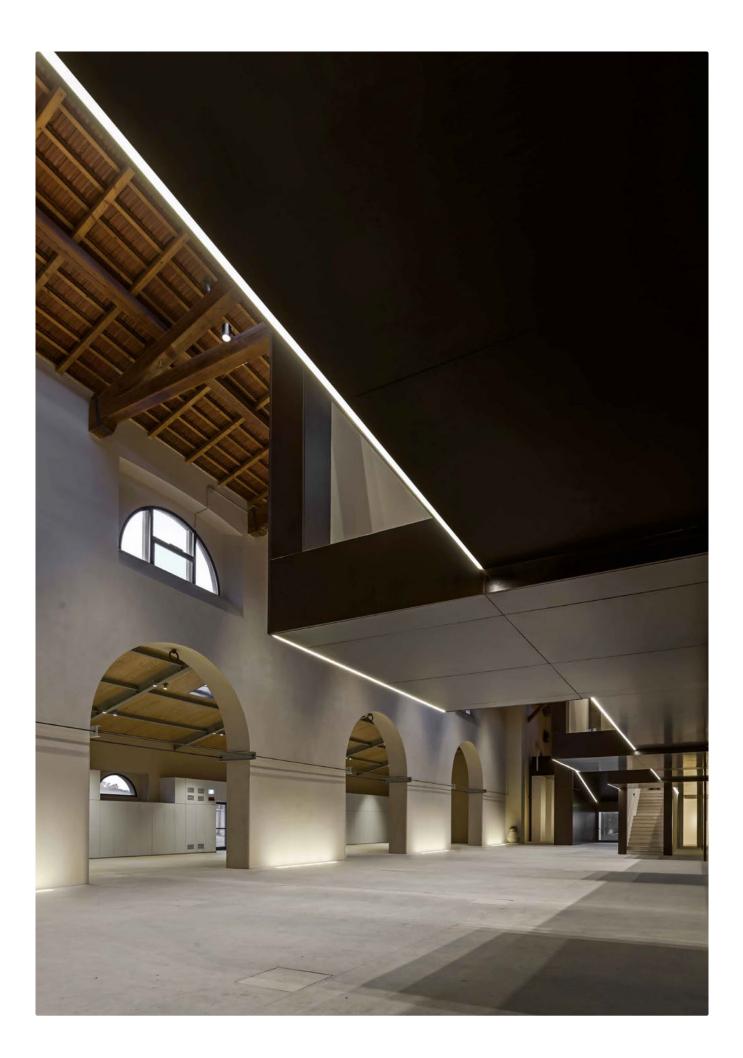- WW for lighting walls (only for
  recessed versions)

The system has modules of 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
RK01-65754

OPAL SCREEN

TS991 Imax=259cd/klm
Down

TS998 Imax=188cd/klm
Up/Down

UGR SCREEN

TS992 Imax=441cd/klm
Down

TS995 Imax=252cd/klm
Up/Down

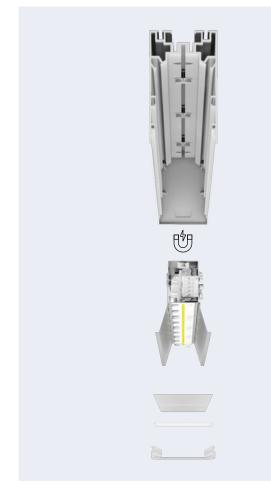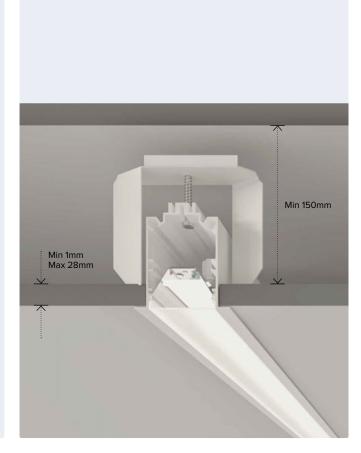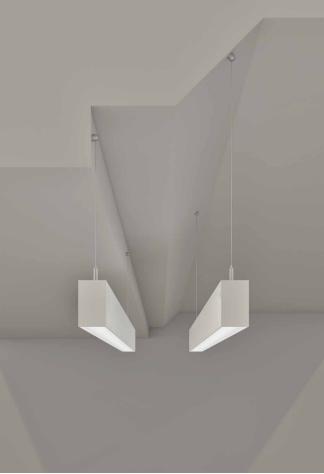**WW SCREEN**
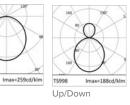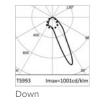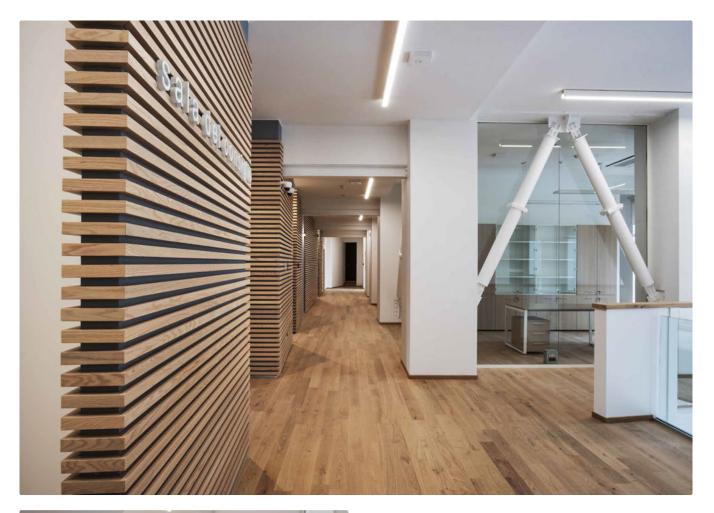
TS993 Imax=1001cd/klm
Down

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.

Min 150mm

Min 1mm
Max 28mm

The system allows for direct or direct/indirect emission with separate ignition and dimming from 10 to 100% if DALI controlled.

254

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 6452lm

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 242.

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.
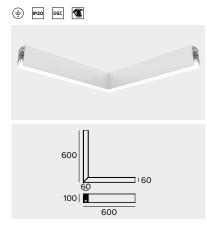Related codes and accessory codes on page 242.

60 | 100 | 60 | 1682

IP20 ENEC 6.1

LOGICO System | Ceiling/Suspension | Continuous light module | L. 3364mm
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 4094lm to 18736lm

⏚ | 11.8 | IP20 | ENEC | ▣

60 |
100 | 60 | 3364

Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 81W	80	ON-OFF	○	1T5731EL	1T5732EL
			●	1T5735EL	1T5736EL
		DALI	○	1T5731DA	1T5732DA
			●	1T5735DA	1T5736DA
	90	ON-OFF	○	1T5731EL90	1T5732EL90
			●	1T5735EL90	1T5736EL90
		DALI	○	1T5731DA90	1T5732DA90
			●	1T5735DA90	1T5736DA90
DOWN OPAL 163W	80	ON-OFF	○	1T5737EL	1T5738EL
			●	1T5741EL	1T5742EL
		DALI	○	1T5737DA	1T5738DA
			●	1T5741DA	1T5742DA
	90	ON-OFF	○	1T5737EL90	1T5738EL90
			●	1T5741EL90	1T5742EL90
		DALI	○	1T5737DA90	1T5738DA90
			●	1T5741DA90	1T5742DA90
DOWN UGR 54W	80	ON-OFF	○	1T5755EL	1T5756EL
			●	1T5759EL	1T5760EL
		DALI	○	1T5755DA	1T5756DA
			●	1T5759DA	1T5760DA
	90	ON-OFF	○	1T5755EL90	1T5756EL90
			●	1T5759EL90	1T5760EL90
		DALI	○	1T5755DA90	1T5756DA90
			●	1T5759DA90	1T5760DA90
UP-DOWN OPAL 136W	80	ON-OFF	○	1T5743EL	1T5744EL
			●	1T5747EL	1T5748EL
		DALI	○	1T5743DA	1T5744DA
			●	1T5747DA	1T5748DA
	90	ON-OFF	○	1T5743EL90	1T5744EL90
			●	1T5747EL90	1T5748EL90
		DALI	○	1T5743DA90	1T5744DA90
			●	1T5747DA90	1T5748DA90
UP-DOWN OPAL 218W	80	ON-OFF	○	1T5749EL	1T5750EL
			●	1T5753EL	1T5754EL
		DALI	○	1T5749DA	1T5750DA
			●	1T5753DA	1T5754DA
	90	ON-OFF	○	1T5749EL90	1T5750EL90
			●	1T5753EL90	1T5754EL90
		DALI	○	1T5749DA90	1T5750DA90
			●	1T5753DA90	1T5754DA90
UP-DOWN UGR 91W	80	ON-OFF	○	1T5761EL	1T5762EL
			●	1T5765EL	1T5766EL
		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.
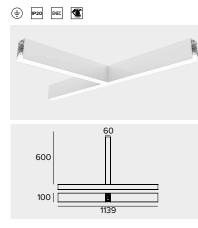Related codes and accessory codes on page 242.

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
			●	1T5980DA	1T5981DA
	90	ON-OFF	○	1T5976EL90	1T5977EL90
			●	1T5980EL90	1T5981EL90
		DALI	○	1T5976DA90	1T5977DA90
			●	1T5980DA90	1T5981DA90
DOWN OPAL 54W	80	ON-OFF	○	1T5978EL	1T5979EL
			●	1T5982EL	1T5983EL
		DALI	○	1T5978DA	1T5979DA
			●	1T5982DA	1T5983DA
	90	ON-OFF	○	1T5978EL90	1T5979EL90
			●	1T5982EL90	1T5983EL90
		DALI	○	1T5978DA90	1T5979DA90
			●	1T5982DA90	1T5983DA90
DOWN UGR 18W	80	ON-OFF	○	1T6855EL	1T6856EL
			●	1T6857EL	1T6858EL
		DALI	○	1T6855DA	1T6856DA
			●	1T6857DA	1T6858DA
	90	ON-OFF	○	1T6855EL90	1T6856EL90
			●	1T6857EL90	1T6858EL90
		DALI	○	1T6855DA90	1T6856DA90
			●	1T6857DA90	1T6858DA90
UP-DOWN OPAL 40W	80	ON-OFF	○	1T6891EL	1T6892EL
			●	1T6893EL	1T6894EL
		DALI	○	1T6891DA	1T6892DA
			●	1T6893DA	1T6894DA
	90	ON-OFF	○	1T6891EL90	1T6892EL90
			●	1T6893EL90	1T6894EL90
		DALI	○	1T6891DA90	1T6892DA90
			●	1T6893DA90	1T6894DA90
UP-DOWN UGR 27W	80	ON-OFF	○	1T6873EL	1T6874EL
			●	1T6875EL	1T6876EL
		DALI	○	1T6873DA	1T6874DA
			●	1T6875DA	1T6876DA
	90	ON-OFF	○	1T6873EL90	1T6874EL90
			●	1T6875EL90	1T6876EL90
		DALI	○	1T6873DA90	1T6874DA90
			●	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 242.

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

60
600
100
1139

Note   Check mounting instructions to verify the quantity of DALI drivers installed.
Direct/indirect version: single switch.
Related codes and accessory codes on page 242.

LOGICO System | Ceiling/Suspension | Continuous light module | X connector
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2730lm to 9370lm

Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 54W	80	ON-OFF	○	1T6000EL	1T6001EL
			●	1T6004EL	1T6005EL
		DALI	○	1T6000DA	1T6001DA
			●	1T6004DA	1T6005DA
	90	ON-OFF	○	1T6000EL90	1T6001EL90
			●	1T6004EL90	1T6005EL90
		DALI	○	1T6000DA90	1T6001DA90
			●	1T6004DA90	1T6005DA90
DOWN OPAL 108W	80	ON-OFF	○	1T6002EL	1T6003EL
			●	1T6006EL	1T6007EL
		DALI	○	1T6002DA	1T6003DA
			●	1T6006DA	1T6007DA
	90	ON-OFF	○	1T6002EL90	1T6003EL90
			●	1T6006EL90	1T6007EL90
		DALI	○	1T6002DA90	1T6003DA90
			●	1T6006DA90	1T6007DA90
DOWN UGR 40W	80	ON-OFF	○	1T6867EL	1T6868EL
			●	1T6869EL	1T6870EL
		DALI	○	1T6867DA	1T6868DA
			●	1T6869DA	1T6870DA
DOWN UGR 36W	90	ON-OFF	○	1T6867EL90	1T6868EL90
			●	1T6869EL90	1T6870EL90
		DALI	○	1T6867DA90	1T6868DA90
			●	1T6869DA90	1T6870DA90
UP-DOWN OPAL 81W	80	ON-OFF	○	1T6903EL	1T6904EL
			●	1T6905EL	1T6906EL
		DALI	○	1T6903DA	1T6904DA
			●	1T6905DA	1T6906DA
	90	ON-OFF	○	1T6903EL90	1T6904EL90
			●	1T6905EL90	1T6906EL90
		DALI	○	1T6903DA90	1T6904DA90
			●	1T6905DA90	1T6906DA90
UP-DOWN UGR 54W	80	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.

Systems

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
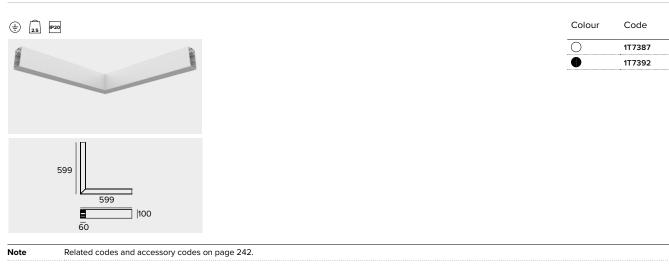
Note   Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 242.

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 242.
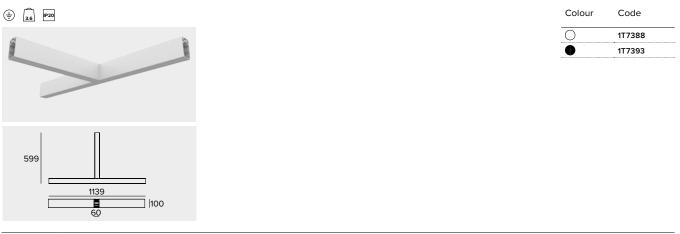
LOGICO System | Ceiling/Suspension | Blind module | L connector
220-240Vac

Colour	Code
○	1T7387
●	1T7392

Note   Related codes and accessory codes on page 242.

LOGICO System | Ceiling/Suspension | Blind module | T connector
220-240Vac

⏚ ⌂ 3.6 IP20

Colour	Code
◯	**1T7388**
●	**1T7393**

599
1139
100
60

Note   Related codes and accessory codes on page 242.

LOGICO System | Ceiling/Suspension | Blind module | X connector
220-240Vac

⏚ ⌂ 4.7 IP20

Colour	Code
◯	**1T7389**
●	**1T7394**

1139
1139
100
60

Note   Related codes and accessory codes on page 242.

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.
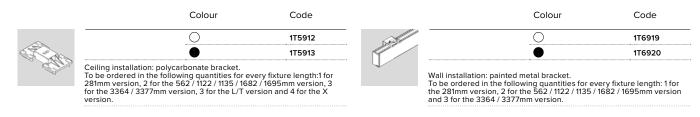Related codes and accessory codes on page 242.

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 242.

Indoor

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 242.

Related codes and accessories
LOGICO System

Related codes

End Caps

	Colour	Code
	○	**1T5937**
	●	**1T5938**

End caps for Ceiling Mounted, Suspension and Trimless versions.
2x

	Code
	1T5908

End caps for the recessed version with a flange.
White.
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 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm 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 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm 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 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.
Suspension cable compatible with ceiling or wall installations, even inclined.

Screen

	Code
	1T6502

Accessory designed to improve the visual comfort of the Wall Washer version.
To be installed on a standard reflector.
Made of matte black painted aluminium.
280mm in length; to be ordered in the following quantities for every fixture length: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

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.

Electrical Connector

	Code
	1T5911

Linear electrical connector.
EL/DALI.

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Related codes and accessories

LOGICO System - Ceiling/Suspension - Projector module

Related codes

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

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Related codes and accessories
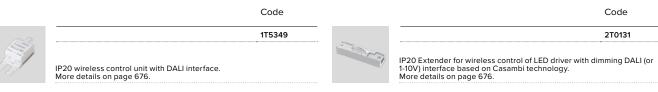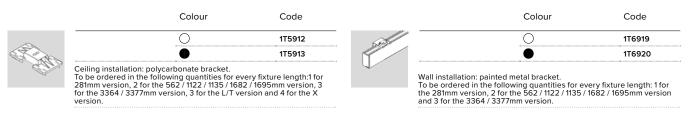
LOGICO System - Ceiling/Suspension - Blind module

Related codes

End Caps

	Colour	Code
	○	**1T5937**
	●	**1T5938**

End caps for Ceiling Mounted, Suspension and Trimless versions.
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 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm 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 / 1135 / 1682 / 1695mm version and 3 for the 3364 / 3377mm 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 / 1135 / 1682 / 1695mm version, 3 for the 3364 / 3377mm version, 3 for the L/T version and 4 for the X version.
Suspension cable compatible with ceiling or wall installations, even inclined.

Related codes and accessories

LOGICO System - Recessed with flange - Continuous light module

Related codes

End Caps

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: 2 for the 562mm version, 4 for the 1122/1135/1146mm versions, 6 for the 1682/1695/1706mm versions and 12 for the 3364/3377/3386mm versions.

Control systems

	Code			Code
	1T5349			**2T0131**
	IP20 wireless control unit with DALI interface. More details on page 676.			IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 676.

Related codes and accessories

LOGICO System - Recessed with flange - Projector module

Related codes

End Caps

	Code
	1T5908
	End caps for the recessed version with a flange. White. 2x

Accessory codes

Control systems

	Code			Code
	1T5349			**2T0131**
	IP20 wireless control unit with DALI interface. More details on page 676.			IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 676.

Related codes and accessories

LOGICO | Codes compatible with the whole range

Accessory codes

CEILING-MOUNTED, SUSPENSION AND WALL-MOUNTED

Indoor

Ceiling-mounted, suspension and wall-mounted

OZ STAND ALONE

272

5x
Ceiling-mounted

3x
Ceiling-mounted

LOGICO EASY STAND ALONE

278

Ceiling-mounted
Suspension

OMEGA

332

Suspension

Wall-mounted

CCTEVO TUBE

290

Ø 180mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 140mm
Ceiling-mounted
Suspension
Wall-mounted

LABEL 230

304

Ø 70mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 60mm
Ceiling-mounted
Suspension
Wall-mounted

Ø 40mm
Ceiling-mounted
Suspension
Wall-mounted

THREESIXTY

316

Ø 1150mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

Ø 870mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

Ø 590mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

Ø 590mm
Recessed
Ceiling-mounted
Suspension
Wall-mounted

ZENO

338

Ø 184mm
Wall-mounted

Ø 134mm
Wall-mounted

SLIM

342

Wall-mounted

HALL

344

Wall-mounted

Ceiling-mounted, suspension
and wall-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

273 Ceiling-mounted, Suspension and Wall-mounted

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

Longitudinal elliptical optical system

Transversal elliptical optical system

ELLIPTICAL OPTICAL SYSTEMS	UGR	
ELL longitudinal	UGR<11	UGR<22
ELT transversal	UGR<22	UGR<11

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.

Ambient Optical

SP – FL - WFL Optical

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 - Spot	UGR<13	UGR<17

Ceiling-mounted, Suspension
and Wall-mounted

OZ STAND ALONE CEILING-MOUNTED
Up to 113lm/W
From 952lm to 3644lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1194 Imax=4784cd/klm	TS1195 Imax=2083cd/klm	TS1196 Imax=1254cd/klm
SP (19°)	FL (34°)	WFL (50°)
TS1252 Imax=1153cd/klm	TS1254 Imax=1408cd/klm	TS1256 Imax=1408cd/klm
AM (49°)	ELL (58° - 25°)	ELT (25° - 18°)

*** The photometries shown in the
table refer to LED 3000K**

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
WFL 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

Note   Accessory codes on page 678.
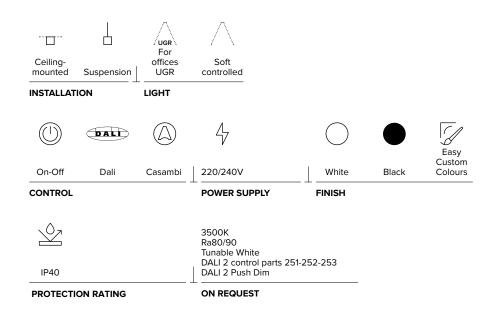
OZ Stand Alone | Ceiling Luminaire | Large 5x | 253x53mm
220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm
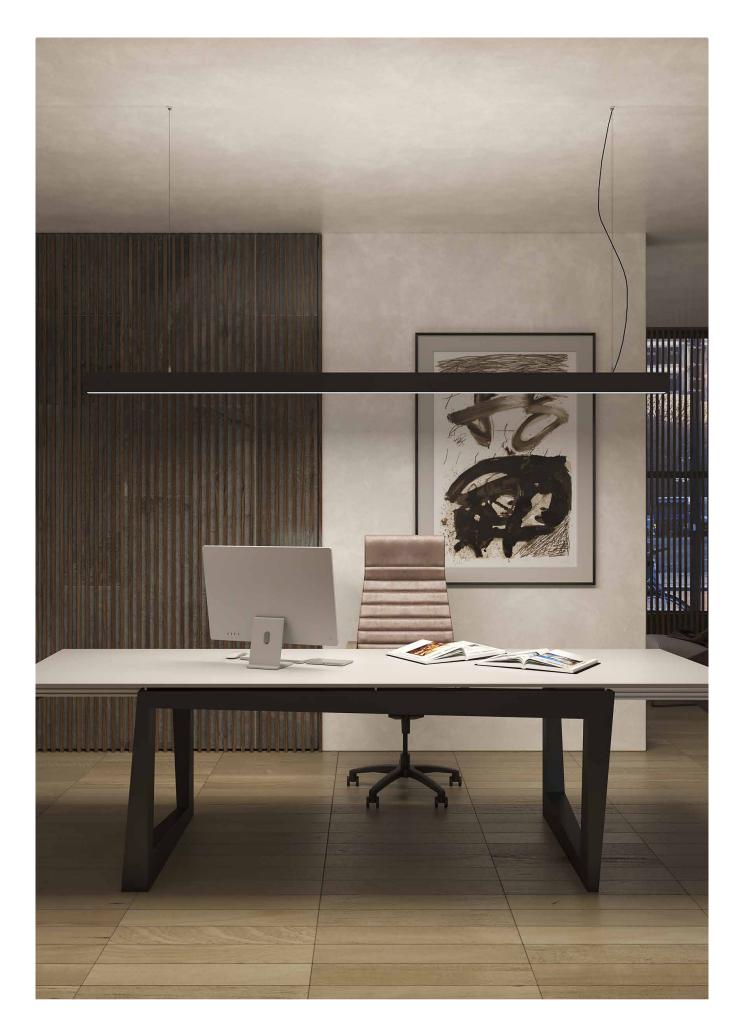
Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 35W	ON-OFF	○	1T7914EL	1T7915EL	1T7916EL	1T7917EL
		●	1T7926EL	1T7927EL	1T7928EL	1T7929EL
	DALI	○	1T7914DA	1T7915DA	1T7916DA	1T7917DA
		●	1T7926DA	1T7927DA	1T7928DA	1T7929DA
FL 34° 33W	ON-OFF	○	1T7918EL	1T7919EL	1T7920EL	1T7921EL
		●	1T7930EL	1T7931EL	1T7932EL	1T7933EL
	DALI	○	1T7918DA	1T7919DA	1T7920DA	1T7921DA
		●	1T7930DA	1T7931DA	1T7932DA	1T7933DA
WFL 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

Note   Accessory codes on page 678.

LOGICO EASY STAND ALONE

Single pendant luminaires for office lighting and for spaces where it is important to provide the right lighting for the visual task. Available in two lenghts and in three different size - 37mm, 57mm, 100mm - with standard and high emission solutions, all with emergency package included.

INSTALLATION		LIGHT	
Ceiling-mounted	Suspension	**UGR** For offices UGR	Soft controlled

CONTROL			POWER SUPPLY	FINISH		
On-Off	Dali	Casambi	220/240V	White	Black	Easy Custom Colours

PROTECTION RATING	ON REQUEST
IP40	3500K Ra80/90 Tunable White DALI 2 control parts 251-252-253 DALI 2 Push Dim

Ceiling-mounted, Suspension
and Wall-mounted

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/m^2
white: L65<1500cd/m^2
(EN-12464)

LOGICO EASY 57
UGR <16
L65<1500cd/m^2
(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.

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.

UGR<19
L65<3000cd/m^2
(EN-12464)

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

Ceiling-mounted, Suspension and Wall-mounted

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 8529lm
3000K - 4000K
Ra80 - Ra90

OPAL SCREEN

6000843a   Imax=347cd/klm   6000843   Imax=198cd/klm
Down   Up/DOWN

LOGICO EASY 37
Up to 149lm/W
From 2103lm to 8402lm
3000K - 4000K
Ra80 - Ra90

CELLULAR OPTICAL SYSTEM

G0347A   Imax=810cd/klm   G0347A   Imax=502cd/klm
Down   Up/Down

LOGICO EASY 57
Up to 102lm/W
From 2210lm to 9978lm
3000K - 4000K
Ra80 - Ra90

OPAL SCREEN

G0300A   Imax=353cd/klm   G0300A   Imax=222cd/klm
Down   Up/Down

LOGICO EASY 57
Up to 134lm/W
From 1601lm to 9170lm
3000K - 4000K
Ra80 - Ra90

CELLULAR OPTICAL SYSTEM

G0300   Imax=552cd/klm   G0300   Imax=226cd/klm
Down   Up/Down

LOGICO EASY 57
Up to 110lm/W
From 1639lm to 8587lm
3000K - 4000K
Ra80 - Ra90

UGR SCREEN

6000770   Imax=920cd/klm   6000770   Imax=358cd/klm
Down   Up/Down

LOGICO EASY 100
Up to 112lm/W
From 3091lm to 11536lm
3000K - 4000K
Ra80 - Ra90

UGR SCREEN

G0301A   Imax=359cd/klm   G0301A   Imax=189cd/klm
Down   Up/Down

LOGICO EASY 100
Up to 106lm/W
From 3670lm to 13132lm
3000K - 4000K
Ra80 - Ra90

OPAL SCREEN

G0301   Imax=524cd/klm   G0301   Imax=272cd/klm
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 photometries shown in the table refer to LED 3000K

Ceiling-mounted, Suspension and Wall-mounted

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				

37	L
80	

Note — Tables show nominal flux values referring to 3000K Ra80 (code 830) versions.
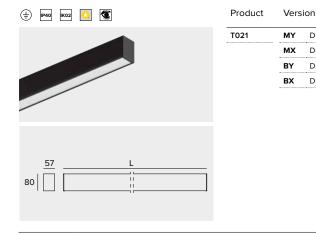Flux values of direct+indirect versions refer to the total emission of the fixture.
Accessory codes on page 288.

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				

37	L
80	

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 288.

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				

57	L
80	

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 288.

LOGICO EASY Stand Alone 57 | OPAL HO | Emergency
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 2210lm to 9578lm

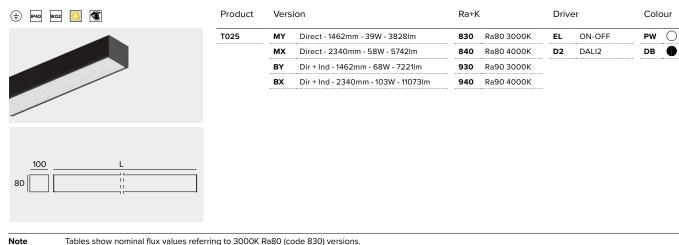| Product	Version		Ra+K		Driver		Colour	
T020	MY	Direct - 1462mm - 34W - 2738lm	830	Ra80 3000K	EL	ON-OFF EM.	PW	○
	MX	Direct - 2340mm - 56W - 4380lm	840	Ra80 4000K	D2	DALI2 EM.	DB	●
	BY	Dir + Ind - 1462mm - 63W - 6046lm	930	Ra90 3000K				
	BX	Dir + Ind - 2340mm - 102W - 9578lm	940	Ra90 4000K				

57 **L**
80

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 288.

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				

57 **L**
80

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 288.

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				

57 **L**
80

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 288.

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 288.
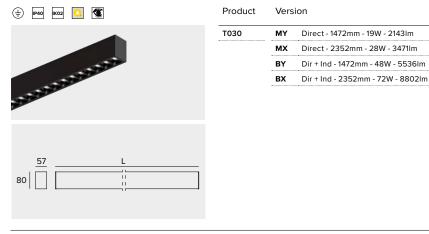
LOGICO EASY Stand Alone 57 | UGR16 | Emergency
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1601lm to 8802lm
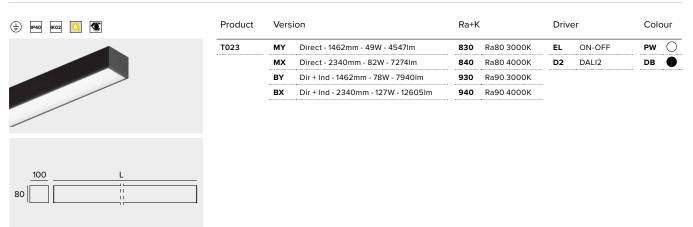
Product	Version		Ra+K		Driver		Colour	
T030	MY	Direct - 1472mm - 19W - 2143lm	830	Ra80 3000K	EL	ON-OFF EM.	PW	○
	MX	Direct - 2352mm - 28W - 3471lm	840	Ra80 4000K	D2	DALI2 EM.	DB	●
	BY	Dir + Ind - 1472mm - 48W - 5536lm	930	Ra90 3000K				
	BX	Dir + Ind - 2352mm - 72W - 8802lm	940	Ra90 4000K				

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.
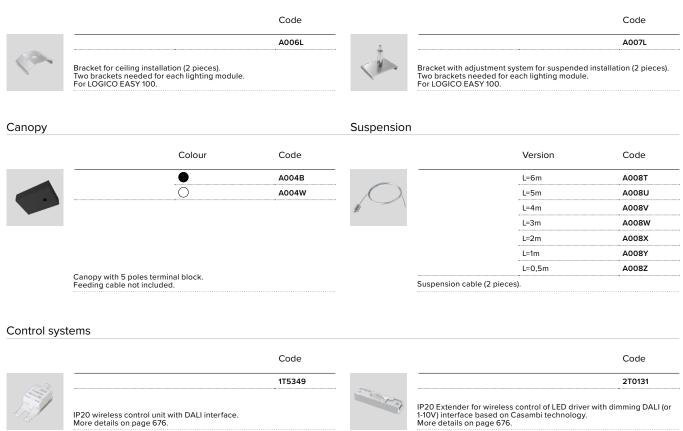Accessory codes on page 288.

LOGICO EASY Stand Alone 100 | OPAL HO
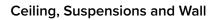220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3670lm to 12605lm

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 288.

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 288.

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 288.

LOGICO EASY Stand Alone 100 | UGR19 | Emergency
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3091lm to 11073lm
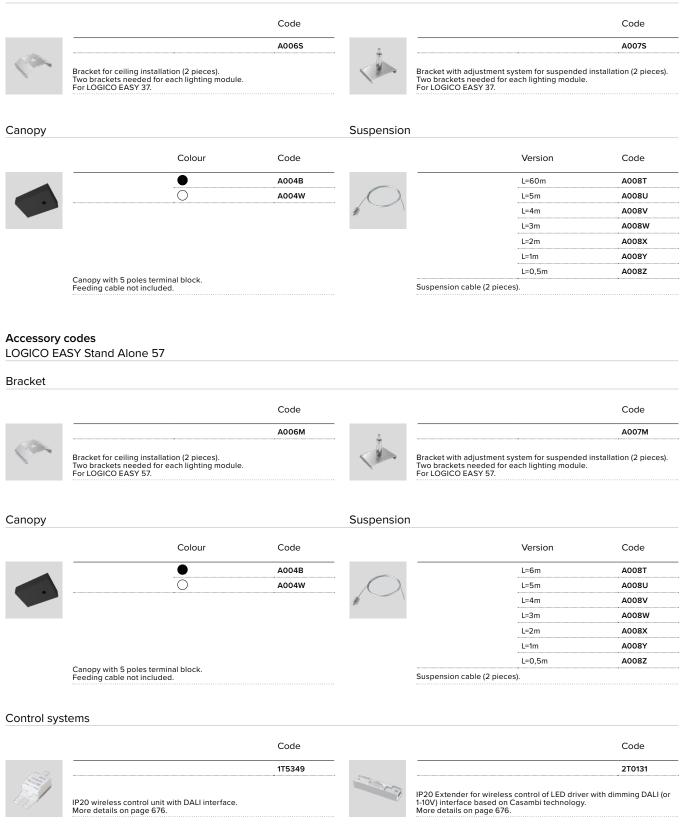
Product	Version		Ra+K		Driver		Colour	
T026	**MY**	Direct - 1462mm - 40W - 3828lm	**830**	Ra80 3000K	**EL**	ON-OFF EM.	**PW**	◯
	MX	Direct - 2340mm - 59W - 5742lm	**840**	Ra80 4000K	**D2**	DALI2 EM.	**DB**	●
	BY	Dir + Ind - 1462mm - 69W - 7221lm	**930**	Ra90 3000K				
	BX	Dir + Ind - 2340mm - 104W - 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 288.

Accessory codes
LOGICO EASY Stand Alone 37

Bracket

	Code
	A006S

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 37.

	Code
	A007S

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
	A006M

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 57.

	Code
	A007M

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
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Accessory codes
LOGICO EASY Stand Alone 100

Bracket

	Code
	A006L

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.
For LOGICO EASY 100.

	Code
	A007L

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
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Ceiling, Suspensions and Wall

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**		

290

Ceiling-mounted, suspension
and wall-mounted

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/m^2 - EN 12464-1)
- Very Wide Flood for wide coverage and great lighting uniformity.
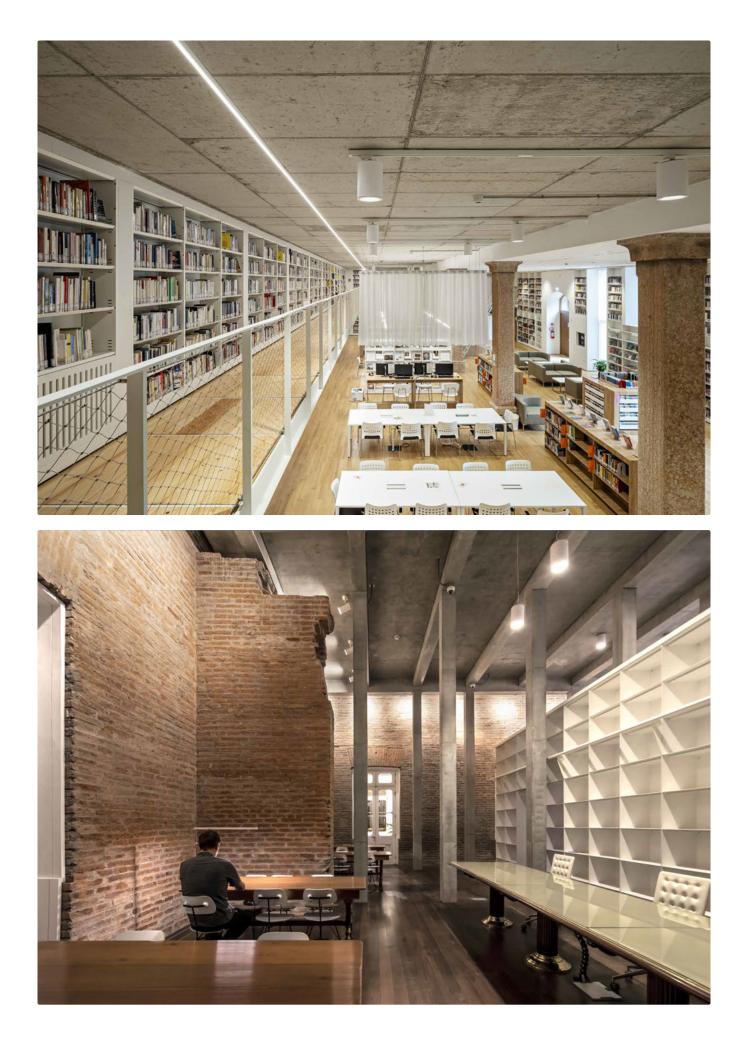
Installation versatility
The light units must be accessorised with a fixing kit (ceiling-mounted, suspension, track) based on the type of installation required.
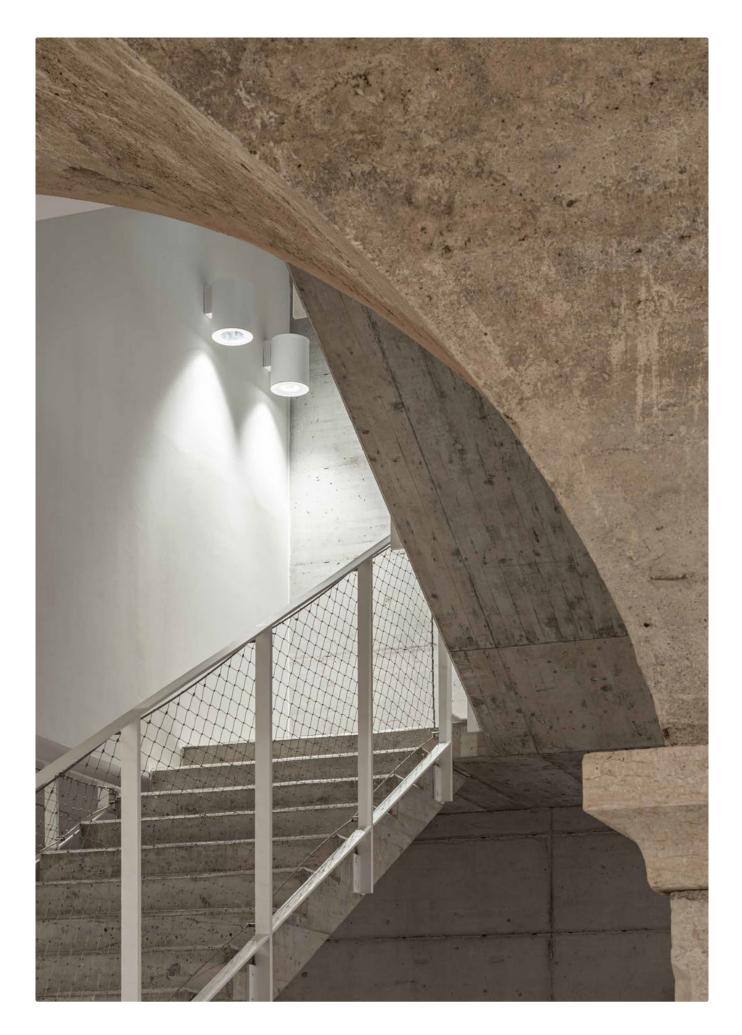
Two diameters available, 140mm and 180mm, in two different finishes, black or white. The different fixing systems make it possible to install the fixture on the ceiling, both ceiling-mounted and suspension, wall-mounted or on a track.

Ceiling-mounted, suspension
and wall-mounted
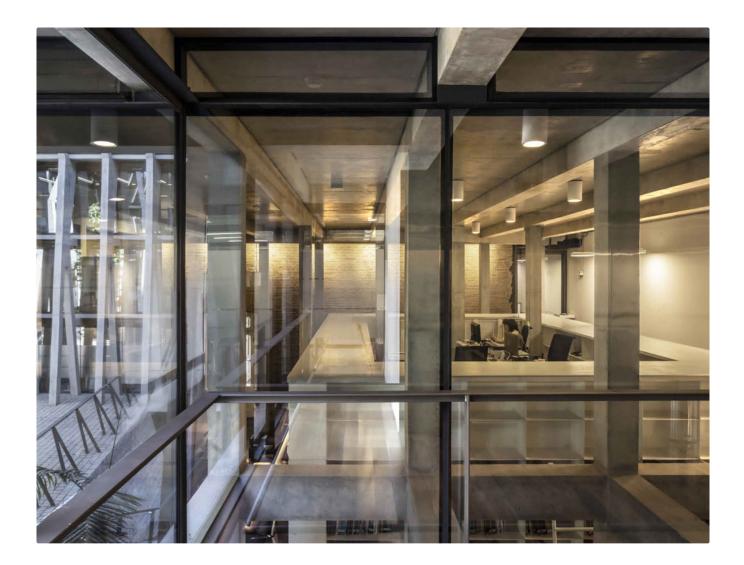
The wall-mounted fixtures are already equipped with a fixing system and are available with direct or direct/indirect emission with a soft controlled Wide Flood emission. They are ideal for lighting stairwells, elevator landing areas, large corridors or double-height spaces.

Ceiling-mounted, suspension
and wall-mounted

Ceiling-mounted, suspension
and wall-mounted

Ø180
RK01-65922

TS1534   Imax=945cd/klm

TS1535   Imax=484cd/klm

WFL (UGR) 58°   VWFL 88°

Ø140
RK01-65920

TS1538   Imax=776cd/klm

TS1539   Imax=472cd/klm

WFL (UGR) 61°   VWFL 87°
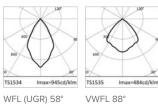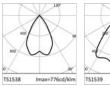
Ø180 WALL
RK01-65923

TS1536   Imax=449cd/klm

TS1537   Imax=237cd/klm

Diretta   Diretta/Indiretta
VWFL 75°   VWFL 75°

Ø140 WALL
RK01-65921

TS1540   Imax=424cd/klm

TS1541   Imax=241cd/klm

Direct   Direct/Indirect
VWFL 75°   VWFL 75°

*** The photometries shown in the
table refer to LED 3000K**

299   **Ceiling-mounted, suspension
and wall-mounted**

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 301.

138   258

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 301.

138   258

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 301.

182   258

CCTEVO TUBE 180 VWFL
230Vac 50Hz | Ra90 | Fixture flux 3000K 2477lm
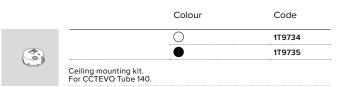
Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 88° 22W	ON-OFF	○	1T9675EL	1T9676EL	1T9677EL	1T9678EL
		●	1T9683EL	1T9684EL	1T9685EL	1T9686EL
	DALI	○	1T9675DA	1T9676DA	1T9677DA	1T9678DA
		●	1T9683DA	1T9684DA	1T9685DA	1T9686DA

Note   Related codes and accessory codes on page 301.

182   258

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.
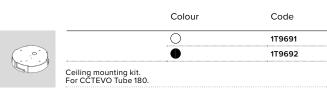
Related codes and accessories
CCTEVO TUBE 180

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
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

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
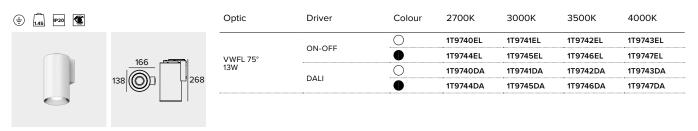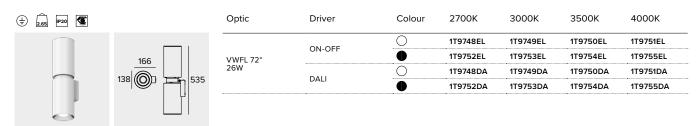
Note   Accessory codes on page 303.

CCTEVO TUBE 140 Wall | Direct/Indirect
230Vac 50Hz | Ra90 | Fixture flux 3000K 1922lm
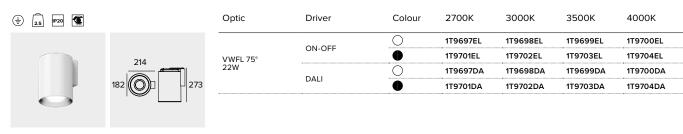
Optic	Driver	Colour	2700K	3000K	3500K	4000K
VWFL 72° 26W	ON-OFF	○	1T9748EL	1T9749EL	1T9750EL	1T9751EL
		●	1T9752EL	1T9753EL	1T9754EL	1T9755EL
	DALI	○	1T9748DA	1T9749DA	1T9750DA	1T9751DA
		●	1T9752DA	1T9753DA	1T9754DA	1T9755DA

Note   Accessory codes on page 303.

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 303.

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 303.

Accessory codes
CCTEVO TUBE | Codes compatible with the whole range

Control systems

	Code
	1T5349
IP20 wireless control unit with DALI interface. More details on page 676.	

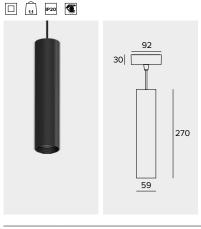|	Code
	2T0131
IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 676.	

LABEL CEILING-MOUNTED / SUSPENSION
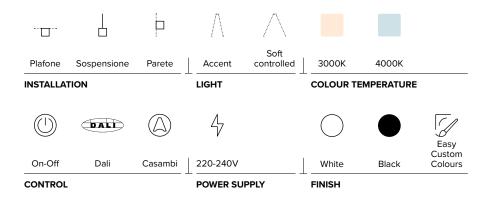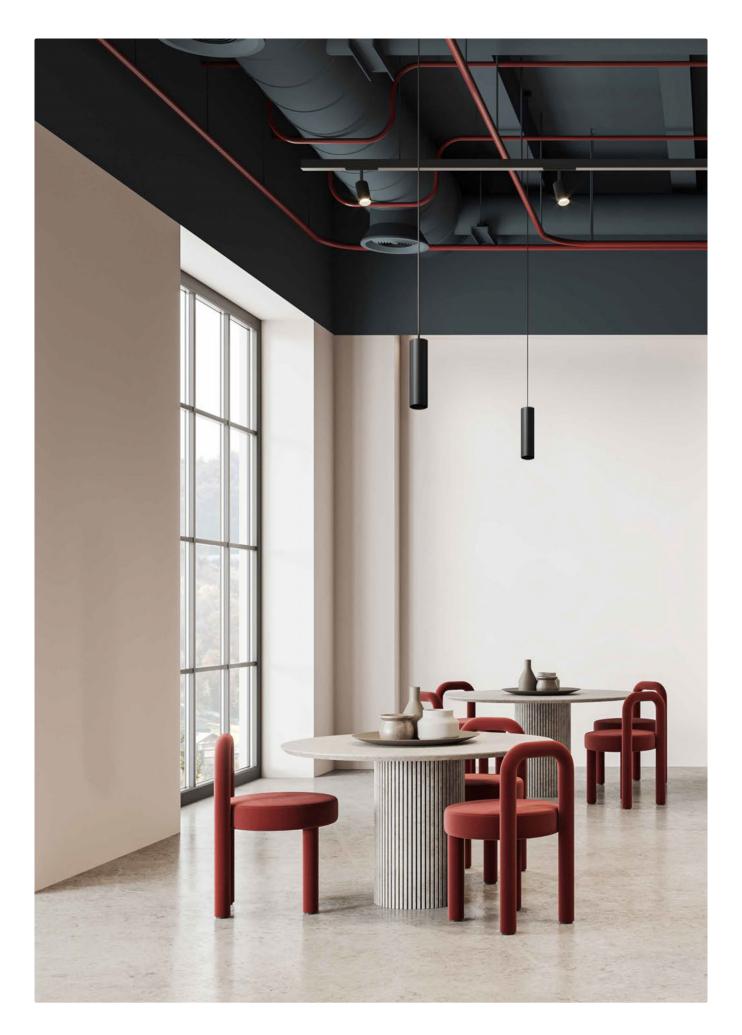
The ceiling-mounted, suspension and wall-mounted LABEL solutions are developed to provide professional lighting with a simple design yet with careful attention to detail. The technology, optical systems and design are the same as the track version, to meet different application needs with a coordinated range.

Plafone	Sospensione	Parete	Accent	Soft controlled	3000K	4000K	
INSTALLATION			**LIGHT**		**COLOUR TEMPERATURE**		
On-Off	Dali	Casambi	220-240V		White	Black	Easy Custom Colours
CONTROL			**POWER SUPPLY**		**FINISH**		

Ceiling-mounted, Suspension
and Wall-mounted
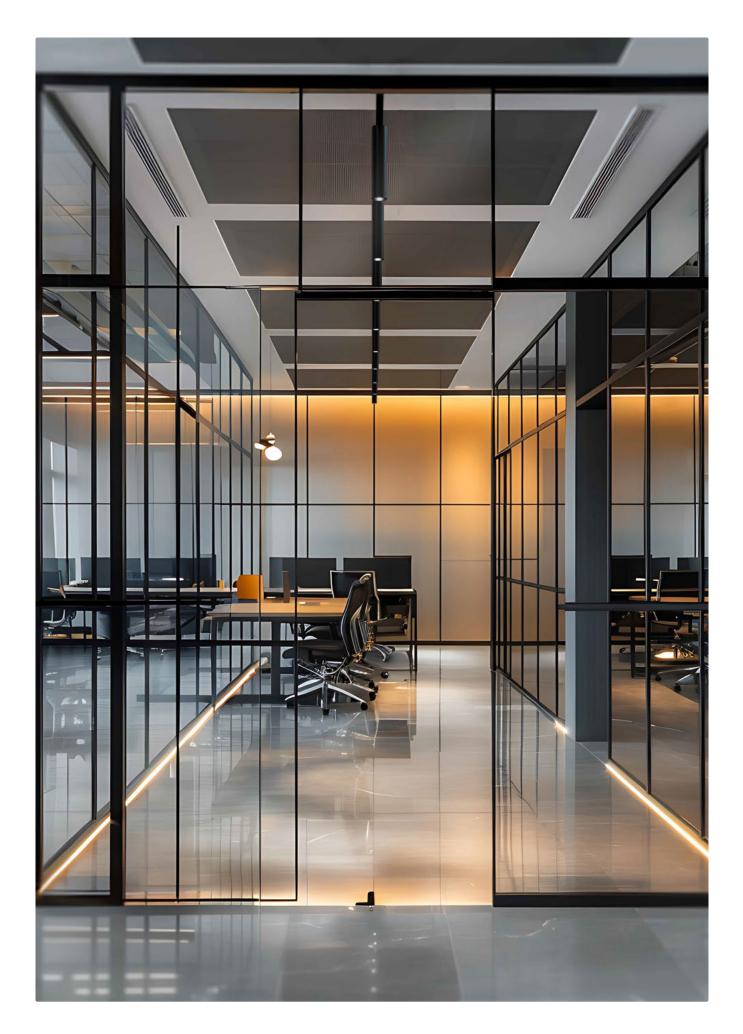
Suspension
The suspension versions have a power/suspension cable in the same colour as the body which can be easily cut to size. On the ceiling there is a small canopy where the wiring can be fitted easily.

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.

Ceiling-mounted, Suspension
and Wall-mounted

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.
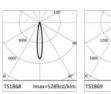
The entire Label range is equipped with reflector
optical systems, available with different beam
openings to have a wide range of choices based
on the desired atmosphere and the installation
height.
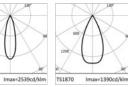
LABEL 7
Up to 107lm/W
From 965lm to 2450lm
3000K - 4000K
Ra90

TS1868 Imax=5289cd/klm	TS1869 Imax=2539cd/klm	TS1870 Imax=1390cd/klm
SP 17°	FL 26°	MWFL 41°

TS1874 Imax=1390cd/klm	TS1875 Imax=695cd/klm
Direct
MWFL 46°	Direct/Indirect
MWFL 46°

LABEL 6
Up to 103lm/W
From 865lm to 1964lm
3000K - 4000K
Ra90

TS1978 Imax=5991cd/klm	TS1980 Imax=1959cd/klm	TS1979 Imax=1370cd/klm
SP 14°	FL 26°	MWFL 41°
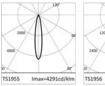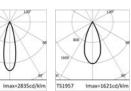
TS1991 Imax=1370cd/klm	TS1990 Imax=685cd/klm
Direct
MWFL 45°	Direct/Indirect
MWFL 45°

LABEL 4
Up to 105lm/W
From 563lm to 1567lm
3000K - 4000K
Ra90

TS1955 Imax=4291cd/klm	TS1956 Imax=2835cd/klm	TS1957 Imax=1621cd/klm
SP 18°	FL 27°	MWFL 42°

TS1961 Imax=1621cd/klm	TS1962 Imax=810cd/klm
Direct
MWFL 42°	Direct/Indirect
MWFL 42°
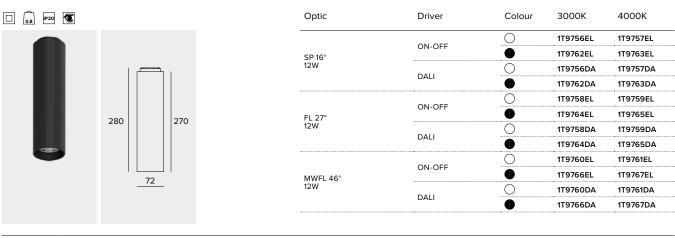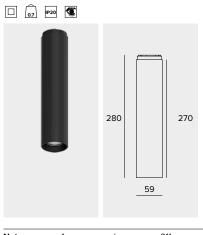
LABEL 7 | Ceiling
220-240Vac | Ra90 | Fixture flux 3000K from 965lm to 1156lm

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 311.

280   270
72

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 311.

280   270
59

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 311.

271   270
43

Accessory codes
LABEL | Codes compatible with the whole range

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	Code
	2T0131
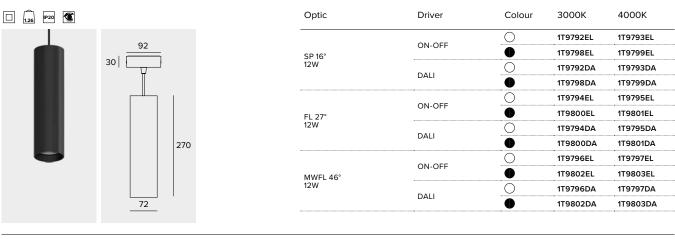
IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
More details on page 676.

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 313.

LABEL 6 | Suspension
220-240Vac | Ra90 | Fixture flux 3000K from 865lm to 879lm
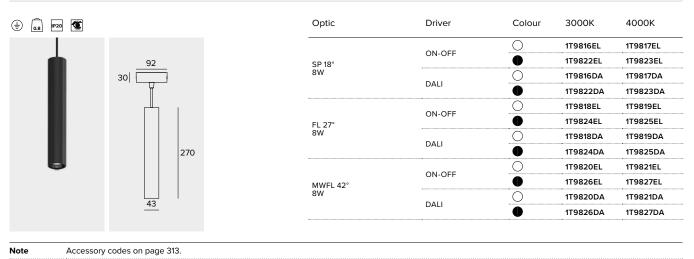
Optic	Driver	Colour	3000K	4000K
SP 16° 10W	ON-OFF	○	1T9804EL	1T9805EL
		●	1T9810EL	1T9811EL
	DALI	○	1T9804DA	1T9805DA
		●	1T9810DA	1T9811DA
FL 35° 10W	ON-OFF	○	1T9806EL	1T9807EL
		●	1T9812EL	1T9813EL
	DALI	○	1T9806DA	1T9807DA
		●	1T9812DA	1T9813DA
MWFL 45° 10W	ON-OFF	○	1T9808EL	1T9809EL
		●	1T9814EL	1T9815EL
	DALI	○	1T9808DA	1T9809DA
		●	1T9814DA	1T9815DA

Note   Accessory codes on page 313.

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 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 676.			IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 676.

Ceiling, Suspensions and Wall
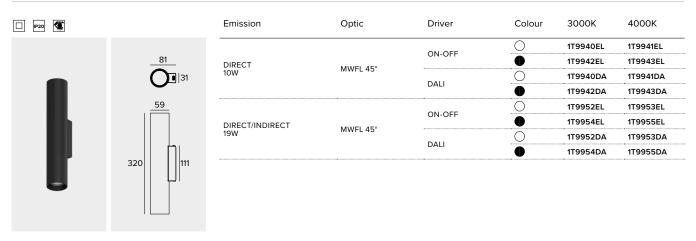
LABEL 7 | Wall
220-240Vac | Ra90 | Fixture flux 3000K from 1156lm to 2311lm

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 315.

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 315.

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 315.

Accessory codes
LABEL | Codes compatible with the whole range

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

THREESIXTY
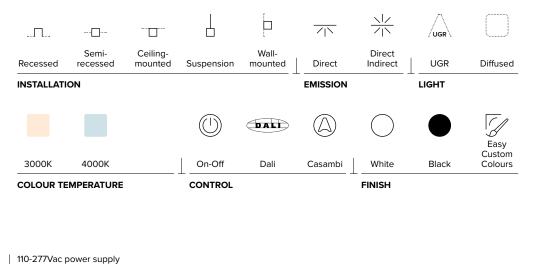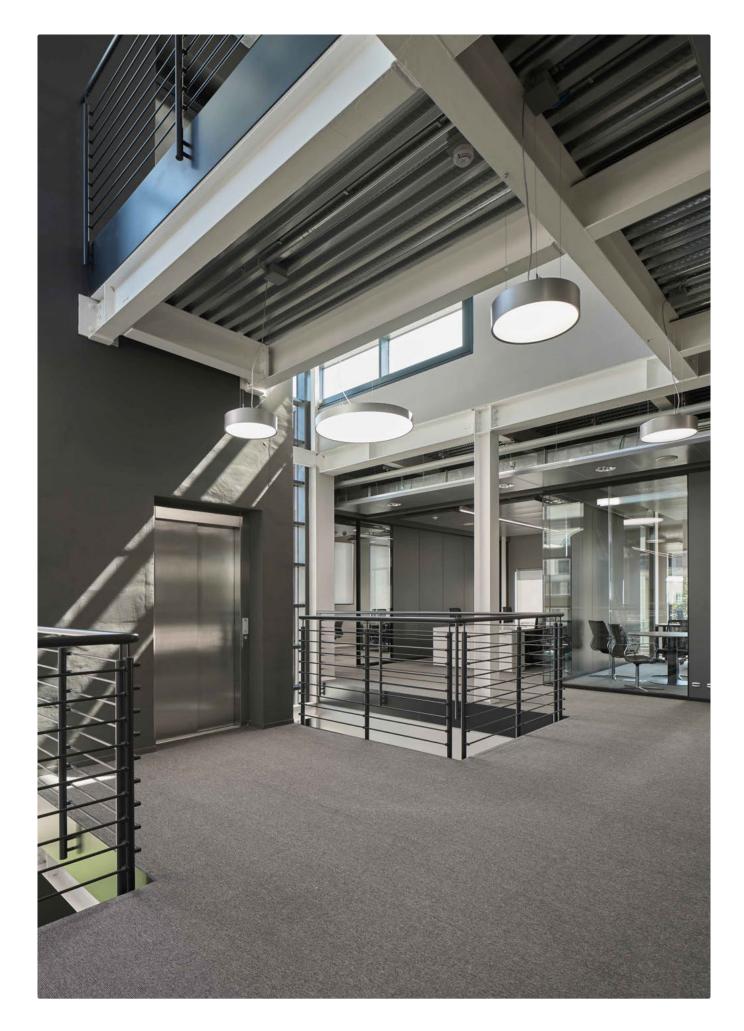
A range of extremely versatile fixtures with a pure and simple geometric shape. The range is available in different sizes and with different lumen packages with direct and indirect emission with different installation methods for ceiling and wall-mounted applications. Threesixty provides maximum flexibility 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

Ceiling-mounted, Suspension
and Wall-mounted

319

EMISSION
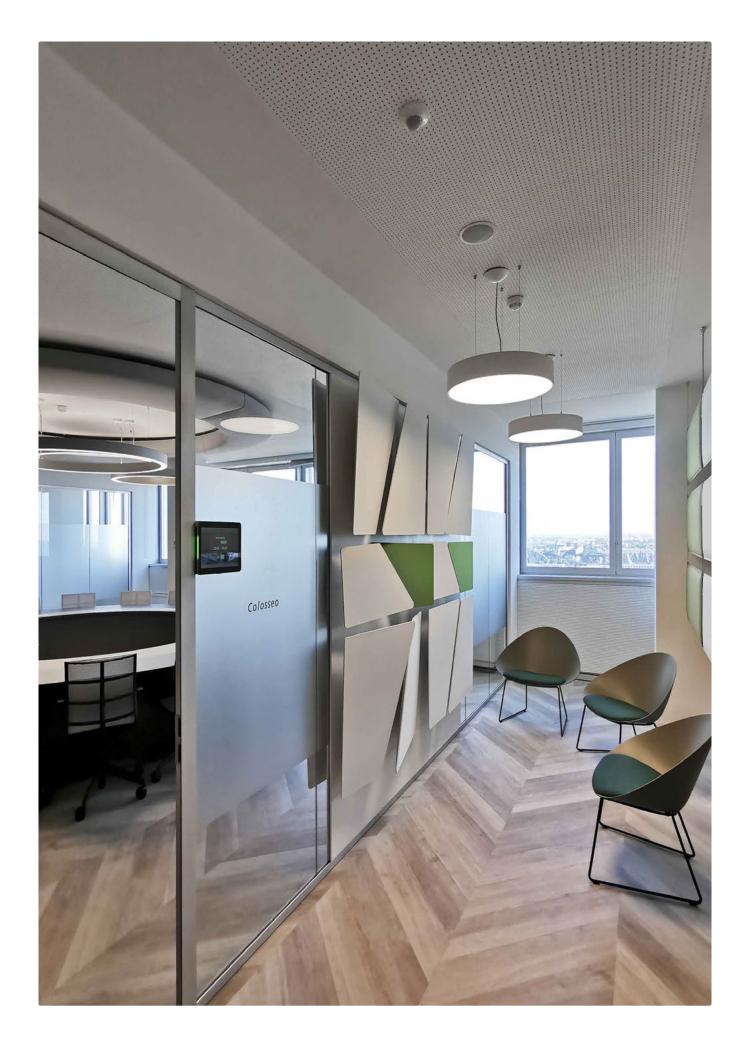
For every fixture it is possible to choose from **direct light** or **direct/indirect light** emission with separate switches to create atmospheres and scenarios with maximum freedom.

OPTICS

There are two optics available: **OPAL** for a diffused effect and **UGR** for controlled and comfortable light (UGR<19 andL65<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 29067lm
3000K - 4000K
Ra80 - Ra90

TS1003 Imax=210cd/klm	TS1533 Imax=202cd/klm	TS1017 Imax=179cd/klm
Down OPAL	Down OPAL + Halo	Up/Down OPAL
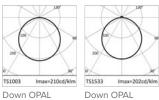
Ø 870MM
Up to 90lm/W
From 8453lm to 17881lm
3000K - 4000K
Ra80 - Ra90

TS1003 Imax=210cd/klm	TS1532 Imax=200cd/klm	TS1017 Imax=179cd/klm
Down OPAL	Down OPAL + Halo	Up/Down OPAL

Ø 590MM
Up to 117lm/W
From 3074lm to 8825lm
3000K - 4000K
Ra80 - Ra90
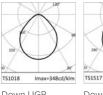
TS1003 Imax=210cd/klm	TS1019 Imax=348cd/klm	TS1015 Imax=165cd/klm
Down OPAL	Down OPAL + Halo	Up/Down OPAL
TS1018 Imax=348cd/klm	TS1517 Imax=304cd/klm	TS1020 Imax=226cd/klm
Down UGR	Down UGR + Halo	Up/Down UGR

Ø 384MM
Up to 121lm/W
From 1254lm to 3923lm
3000K - 4000K
Ra80 - Ra90

TS1003 Imax=210cd/klm	TS1515 Imax=185cd/klm	TS1014 Imax=155cd/klm
Down OPAL	Down OPAL + Halo	Up/Down OPAL
TS1018 Imax=348cd/klm	TS1516 Imax=275cd/klm	TS1021 Imax=204cd/klm
UGR - Down	UGR + Halo	UGR – Up/Down

The versions

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.
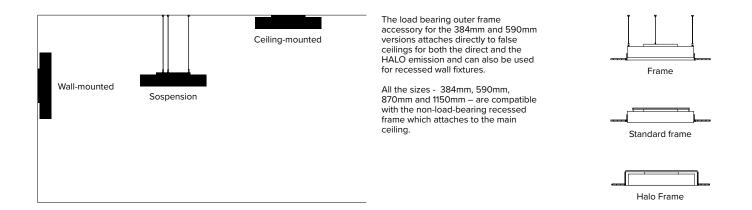
Installation methods

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. Go to the Download section on the website to see the colour chart.

Ceiling-mounted

Wall-mounted

Sospension

The load bearing outer frame accessory for the 384mm and 590mm versions attaches directly to false ceilings for both the direct and the HALO emission and can also be used for recessed wall fixtures.

All the sizes - 384mm, 590mm, 870mm and 1150mm – are compatible with the non-load-bearing recessed frame which attaches to the main ceiling.

Frame

Standard frame

Halo Frame

Ceiling-mounted, Suspension and Wall-mounted

THREESIXTY Ø 1150mm
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 14303lm to 27815lm

IP20 / IP40

Ø600
120 / 100
Ø1150

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 330.

Ceiling, Suspensions and Wall

THREESIXTY Ø 870mm

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 8453lm to 17111lm

IP20
IP40

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

Ø600
120 | 100
Ø870

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 330.

THREESIXTY Ø 590mm
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3862lm to 8445lm

IP20 IP40

Ø300 | Ø590 | 120 | 100

Emission	CRI	Driver	Colour	3000K	4000K
DOWN OPAL 57W	80	ON-OFF	○	1T6138EL	1T6139EL
			●	1T6142EL	1T6143EL
		DALI	○	1T6138DA	1T6139DA
			●	1T6142DA	1T6143DA
	90	ON-OFF	○	1T6138EL90	1T6139EL90
			●	1T6142EL90	1T6143EL90
		DALI	○	1T6138DA90	1T6139DA90
			●	1T6142DA90	1T6143DA90
DOWN OPAL 75W	80	ON-OFF	○	1T6144EL	1T6145EL
			●	1T6148EL	1T6149EL
		DALI	○	1T6144DA	1T6145DA
			●	1T6148DA	1T6149DA
	90	ON-OFF	○	1T6144EL90	1T6145EL90
			●	1T6148EL90	1T6149EL90
		DALI	○	1T6144DA90	1T6145DA90
			●	1T6148DA90	1T6149DA90
UP-DOWN OPAL 76W	80	ON-OFF	○	1T6162EL	1T6163EL
			●	1T6166EL	1T6167EL
		DALI	○	1T6162DA	1T6163DA
			●	1T6166DA	1T6167DA
	90	ON-OFF	○	1T6162EL90	1T6163EL90
			●	1T6166EL90	1T6167EL90
		DALI	○	1T6162DA90	1T6163DA90
			●	1T6166DA90	1T6167DA90
UP-DOWN OPAL 94W	80	ON-OFF	○	1T6168EL	1T6169EL
			●	1T6172EL	1T6173EL
		DALI	○	1T6168DA	1T6169DA
			●	1T6172DA	1T6173DA
	90	ON-OFF	○	1T6168EL90	1T6169EL90
			●	1T6172EL90	1T6173EL90
		DALI	○	1T6168DA90	1T6169DA90
			●	1T6172DA90	1T6173DA90
OPAL + HALO 80W	80	ON-OFF	○	1T6150EL	1T6151EL
			●	1T6154EL	1T6155EL
		DALI	○	1T6150DA	1T6151DA
			●	1T6154DA	1T6155DA
	90	ON-OFF	○	1T6150EL90	1T6151EL90
			●	1T6154EL90	1T6155EL90
		DALI	○	1T6150DA90	1T6151DA90
			●	1T6154DA90	1T6155DA90
OPAL + HALO 98W	80	ON-OFF	○	1T6156EL	1T6157EL
			●	1T6160EL	1T6161EL
		DALI	○	1T6156DA	1T6157DA
			●	1T6160DA	1T6161DA
	90	ON-OFF	○	1T6156EL90	1T6157EL90
			●	1T6160EL90	1T6161EL90
		DALI	○	1T6156DA90	1T6157DA90
			●	1T6160DA90	1T6161DA90

Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 330.

THREESIXTY Ø 590mm | UGR
220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 3074lm to 6055lm

IP20
IP40

Ø300
120 | | 100
Ø590

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 330.

THREESIXTY Ø 384mm

220-240Vac | Ra80 - Ra90 | Fixture flux 3000K from 1579lm to 3754lm

	Emission	CRI	Driver	Colour	3000K	4000K
			ON-OFF	○	1T6066EL	1T6067EL
	DOWN OPAL 24W	80		●	1T6070EL	1T6071EL
			DALI	○	1T6066DA	1T6067DA
				●	1T6070DA	1T6071DA
			ON-OFF	○	1T6066EL90	1T6067EL90
		90		●	1T6070EL90	1T6071EL90
			DALI	○	1T6066DA90	1T6067DA90
				●	1T6070DA90	1T6071DA90
			ON-OFF	○	1T6072EL	1T6073EL
	DOWN OPAL 33W	80		●	1T6076EL	1T6077EL
			DALI	○	1T6072DA	1T6073DA
				●	1T6076DA	1T6077DA
			ON-OFF	○	1T6072EL90	1T6073EL90
		90		●	1T6076EL90	1T6077EL90
			DALI	○	1T6072DA90	1T6073DA90
				●	1T6076DA90	1T6077DA90
			ON-OFF	○	1T6090EL	1T6091EL
	UP-DOWN OPAL 33W	80		●	1T6094EL	1T6095EL
			DALI	○	1T6090DA	1T6091DA
				●	1T6094DA	1T6095DA
			ON-OFF	○	1T6090EL90	1T6091EL90
		90		●	1T6094EL90	1T6095EL90
			DALI	○	1T6090DA90	1T6091DA90
				●	1T6094DA90	1T6095DA90
			ON-OFF	○	1T6096EL	1T6097EL
	UP-DOWN OPAL 42W	80		●	1T6100EL	1T6101EL
			DALI	○	1T6096DA	1T6097DA
				●	1T6100DA	1T6101DA
			ON-OFF	○	1T6096EL90	1T6097EL90
		90		●	1T6100EL90	1T6101EL90
			DALI	○	1T6096DA90	1T6097DA90
				●	1T6100DA90	1T6101DA90
			ON-OFF	○	1T6078EL	1T6079EL
	OPAL + HALO 39W	80		●	1T6082EL	1T6083EL
			DALI	○	1T6078DA	1T6079DA
				●	1T6082DA	1T6083DA
			ON-OFF	○	1T6078EL90	1T6079EL90
		90		●	1T6082EL90	1T6083EL90
			DALI	○	1T6078DA90	1T6079DA90
				●	1T6082DA90	1T6083DA90
			ON-OFF	○	1T6084EL	1T6085EL
	OPAL + HALO 48W	80		●	1T6088EL	1T6089EL
			DALI	○	1T6084DA	1T6085DA
				●	1T6088DA	1T6089DA
			ON-OFF	○	1T6084EL90	1T6085EL90
		90		●	1T6088EL90	1T6089EL90
			DALI	○	1T6084DA90	1T6085DA90
				●	1T6088DA90	1T6089DA90

Ø300
120 | 100
Ø384

Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 330.

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
			●	1T6106DA	1T6107DA
	90	ON-OFF	○	1T6102EL90	1T6103EL90
			●	1T6106EL90	1T6107EL90
		DALI	○	1T6102DA90	1T6103DA90
			●	1T6106DA90	1T6107DA90
UP-DOWN UGR 24W	80	ON-OFF	○	1T6126EL	1T6127EL
			●	1T6130EL	1T6131EL
		DALI	○	1T6126DA	1T6127DA
			●	1T6130DA	1T6131DA
	90	ON-OFF	○	1T6126EL90	1T6127EL90
			●	1T6130EL90	1T6131EL90
		DALI	○	1T6126DA90	1T6127DA90
			●	1T6130DA90	1T6131DA90
UGR + HALO 30W	80	ON-OFF	○	1T6114EL	1T6115EL
			●	1T6118EL	1T6119EL
		DALI	○	1T6114DA	1T6115DA
			●	1T6118DA	1T6119DA
	90	ON-OFF	○	1T6114EL90	1T6115EL90
			●	1T6118EL90	1T6119EL90
		DALI	○	1T6114DA90	1T6115DA90
			●	1T6118DA90	1T6119DA90

Ø300 | 120 | 100 | Ø384

Note Check mounting instructions to verify the quantity of DALI drivers installed.
Related codes and accessory codes on page 330.

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 676.

	Code
	2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
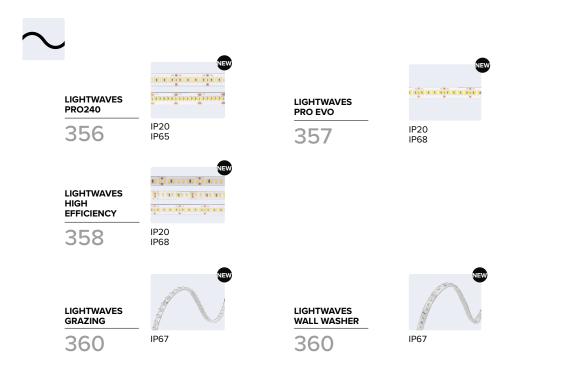More details on page 676.

OMEGA
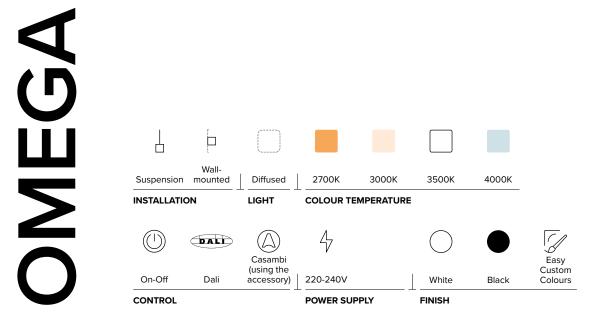
Designed in collaboration with the architecture and design firm Gensler, Omega is a range of fixtures for coordinated lighting of work and hospitality environments. Particularly suitable for reception areas and communal spaces, Omega is available in two different versions for suspension or wall-mounted 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**		

Ceiling-mounted, Suspension
and Wall-mounted
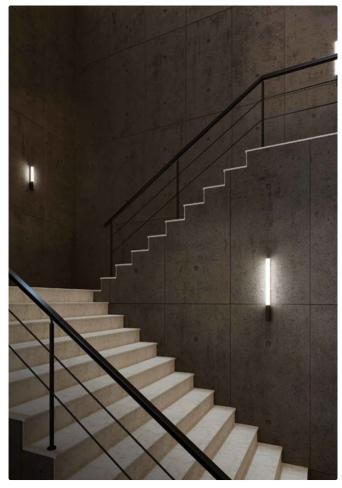
Suspension versions
Suspension versions have diffused
emission. They are particularly
suitable for lighting reception areas
and meeting rooms. The product is
already equipped with a suspension
kit.

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.
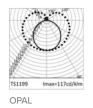
OMEGA SUSPENSION
Up to 76lm/W
From 2954lm to 3052lm
2700K - 3000K - 3500K - 4000K
Ra90

OPAL

OMEGA WALL-MOUNTED
Up to 84lm/W
From 729lm to 1649lm
2700K - 3000K - 3500K - 4000K
Ra90

OPAL

* The photometries shown in the table refer to LED 3000K

Ceiling-mounted, Suspension and Wall-mounted

OMEGA Suspension | L. 2112mm
220-240Vac | Ra90 | Fixture flux 3000K 2998lm
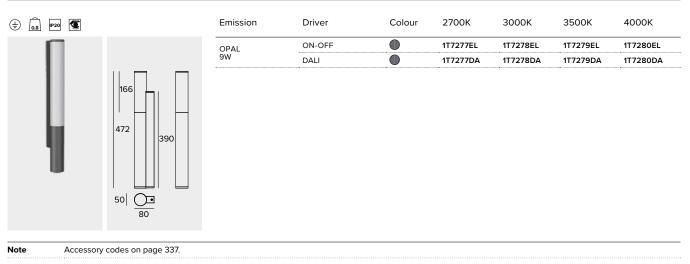
Emission	Driver	Colour	2700K	3000K	3500K	4000K
OPAL 40W	ON-OFF		1T7267EL	1T7268EL	1T7275EL	1T7276EL
	DALI		1T7267DA	1T7268DA	1T7275DA	1T7276DA

1910
1700
2112
Ø80
50

Note   Accessory codes on page 337.
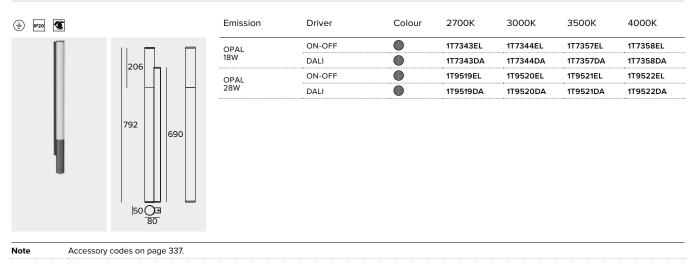
OMEGA Applique | L. 472mm
220-240Vac | Ra90 | Fixture flux 3000K 732lm

Emission	Driver	Colour	2700K	3000K	3500K	4000K
OPAL 9W	ON-OFF		1T7277EL	1T7278EL	1T7279EL	1T7280EL
	DALI		1T7277DA	1T7278DA	1T7279DA	1T7280DA

166
472
390
50
80

Note   Accessory codes on page 337.

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

206
792
690
50
80

Note   Accessory codes on page 337.

Accessory codes
OMEGA

Control systems

	Code
	1T5349
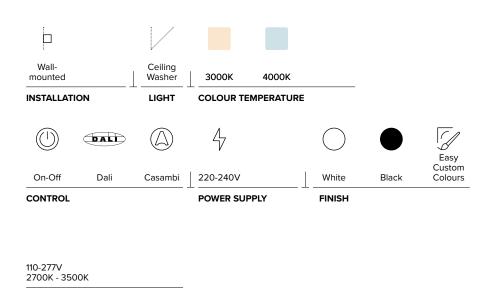
IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

Ceiling, Suspensions and Wall

ZENO APPLIQUE
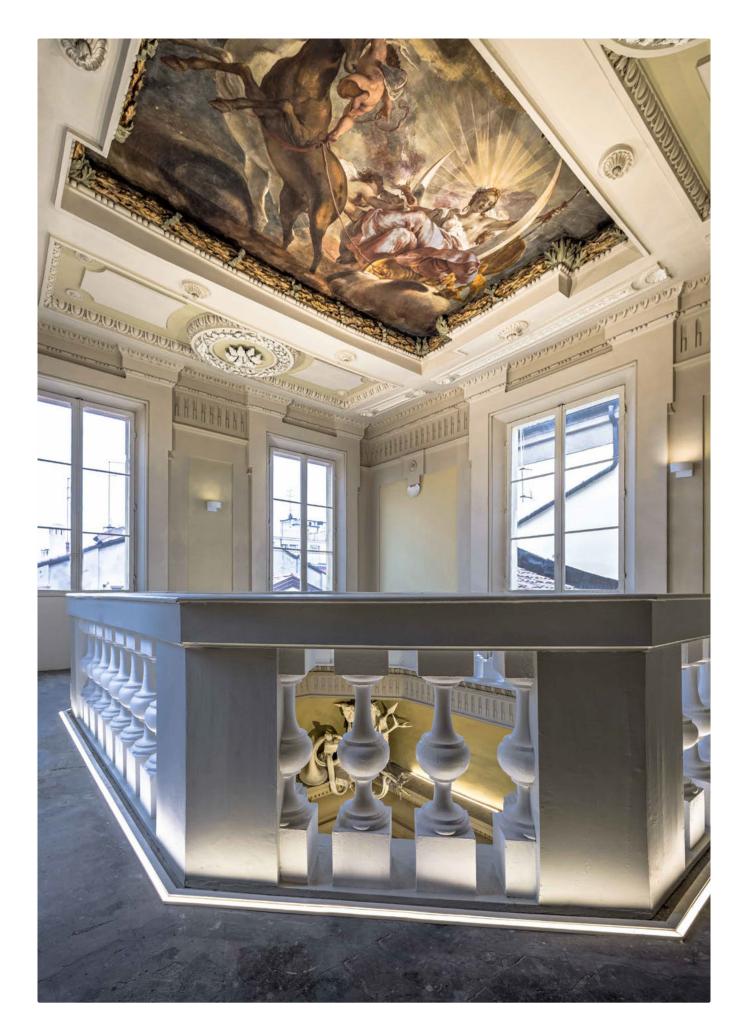
Adjustable wall-mounted fixture with a ceiling washer optic suitable for lighting environments where wide and uniform lighting of the ceiling is required. Available in two different sizes - Ø130 and Ø180 - Zeno Applique can be adjusted from 0 to -90° on the vertical plane and by 355° on the horizontal 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	White	Black	Easy Custom Colours
CONTROL			**POWER SUPPLY**	**FINISH**		

110-277V
2700K - 3500K

ON REQUEST

Ceiling-mounted, Suspension
and Wall-mounted

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 340.

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 340.

Accessory codes
ZENO | Codes compatible with the whole range

Control systems

	Code			Code
	1T5349			**2T0131**
	IP20 wireless control unit with DALI interface. More details on page 676.			IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 676.

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.

SLIM WALL

Wall-mounted	Indirect / Direct Indirect	3000K
INSTALLATION	**EMISSION**	**COLOUR TEMPERATURE**
On-Off	220-240V	Aluminium
CONTROL	**POWER SUPPLY**	**FINISH**

4000K

ON REQUEST
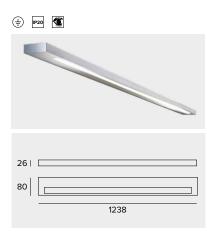
SLIM Wall | L. 638mm
220-240Vac | Ra80 | Fixture flux 3000K from 1562lm to 2566lm

Emission	Optic	Driver	Colour	3000K
INDIRECT 14W	VWFL	ON-OFF	⬤	**1T4192**
DIRECT/INDIRECT 28W	VWFL	ON-OFF	⬤	**1T4193**

26

80

638
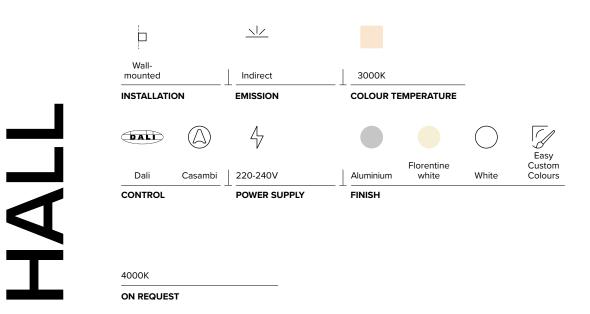
SLIM Wall | L. 1238mm
220-240Vac | Ra80 | Fixture flux 3000K from 3124lm to 5133lm

Emission	Optic	Driver	Colour	3000K
INDIRECT 28W	VWFL	ON-OFF	⬤	**1T4194**
DIRECT/INDIRECT 56W	VWFL	ON-OFF	⬤	**1T4195**

26

80

1238

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.

HALL

Wall-mounted	Indirect	3000K
INSTALLATION	**EMISSION**	**COLOUR TEMPERATURE**

Dali	Casambi	220-240V	Aluminium	Florentine white	White	Easy Custom Colours
CONTROL		**POWER SUPPLY**	**FINISH**			

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
			⬤	1T4507
		CASAMBI	⬤	1T4499CA
	90	DALI	⬤	1T449990
			⬤	1T450690
			⬤	1T450790
		CASAMBI	⬤	1T4499CA90

112 / 330

112 / 297

Note   Accessory codes on page 345.

Accessory codes
HALL

Control systems

	Code
	1T5349

IP20 wireless control unit with DALI interface.
More details on page 676.

	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 676.

LEDSTRIP

Indoor/Outdoor

Ledstrip

LIGHTWAVES PRO240

356

IP20
IP65

LIGHTWAVES PRO EVO

357

IP20
IP68

LIGHTWAVES HIGH EFFICIENCY

358

IP20
IP68

LIGHTWAVES GRAZING

360

IP67

LIGHTWAVES WALL WASHER

360

IP67

LIGHTWAVES

Lightwaves is the new range of stripled 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**

Ledstrip   348
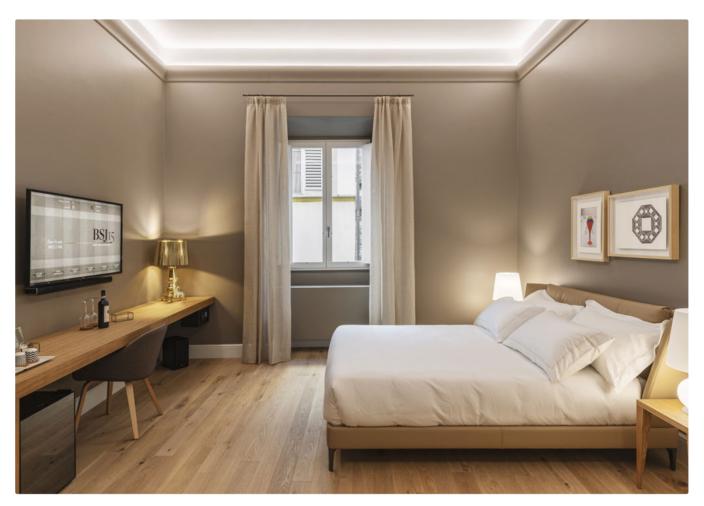
Very high colour rendering
An high colour rendering (Ra>90) is indispensable in prestigious projects, environments with particular uses, museum installations...

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.

Ledstrip

Long life L70 – 60000H
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
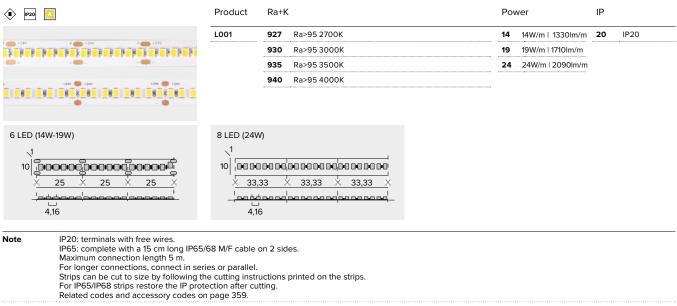
- DALI
- DMX
- Domotics control
- Push DALI with control ZKCDAFF
- CASAMBI compatible

Aluminium profiles for any lighting installation
Dissipating metal profiles with
different geometries based on the
type of installation required: surface,
recessed, corner.

TYPE		DESCRIPTION
PRO240		Stripled 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.
PRO EVO		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.
HIGH EFFICIENCY		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 have an efficiency of 180 lumen/watt and emit from 1300 to 3600 lumen per meter. They are suitable for general lighting applications.
GRAZING		Stripled 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.
WALL WASHER		Gracias al reflector asimétrico colocado en cada LED individual, esta tira de gran potencia es capaz de crear un efecto wallwash perfecto iluminando uniformemente una pared. Totalmente recubierto con material sellador para garantizar un alto grado de protección (IP67).

CHARACTERISTICS	PERFORMANCE	PROTECTION RATING
24LED/m Ra>95 Durata 50.000h	14W/m 19W/m 24W/m	IP20 IP65
24LED/m 140lm/W Ra>90	24W/m	IP20 IP68
128LED/m – 160LED/m – 240LED/m Ra>90	11,5W/m 14,4W/m 21,6W/m	IP20 IP68
42LED/m Ra90 Durata 30.000h	19,2W/m	IP67
30LED/m Ra>90 Durata:30.000h	19,2W/m	IP67
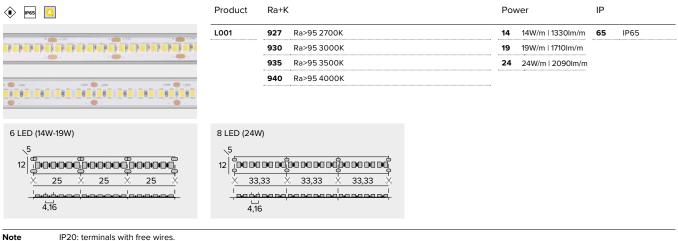
LIGHTWAVES PRO240 IP20
24Vdc | Ra>95 | Fixture flux 3000K from 1330lm to 2090lm | 5000mm reel
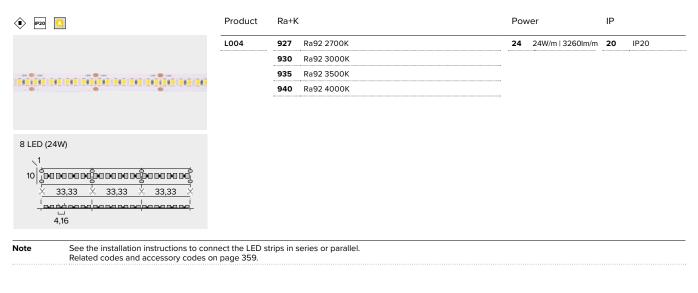
Product	Ra+K		Power		IP	
L001	927	Ra>95 2700K	14	14W/m	1330lm/m	20	IP20
	930	Ra>95 3000K	19	19W/m	1710lm/m		
	935	Ra>95 3500K	24	24W/m	2090lm/m		
	940	Ra>95 4000K				

6 LED (14W-19W)

8 LED (24W)

Note
IP20: terminals with free wires.
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 359.

LIGHTWAVES PRO240 IP65
24Vdc | Ra>95 | Fixture flux 3000K from 1330lm to 2090lm | 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				

6 LED (14W-19W)

8 LED (24W)

Note
IP20: terminals with free wires.
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 359.
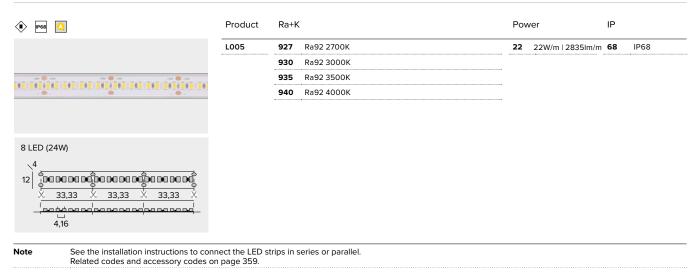
LIGHTWAVES PRO EVO IP20

24Vdc | Ra92 | Fixture flux 3000K 3260lm | 5000mm reel

	IP20		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						

8 LED (24W)

10 | 1
33,33 | 33,33 | 33,33
4,16

Note	See the installation instructions to connect the LED strips in series or parallel.
	Related codes and accessory codes on page 359.
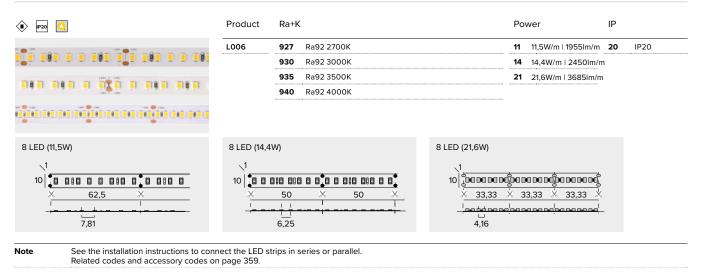
LIGHTWAVES PRO EVO IP68

24Vdc | Ra92 | Fixture flux 3000K 2835lm | 5000mm reel

	IP68		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						

8 LED (24W)

12 | 4
33,33 | 33,33 | 33,33
4,16

Note	See the installation instructions to connect the LED strips in series or parallel.
	Related codes and accessory codes on page 359.
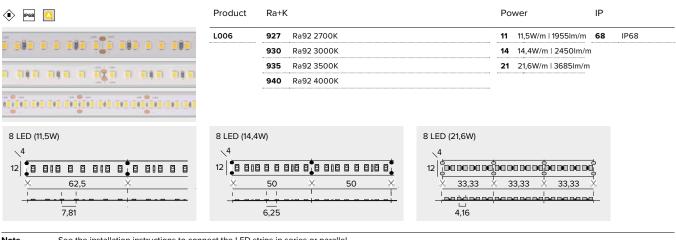
LIGHTWAVES HIGH EFFICIENCY IP20

24Vdc | Ra92 | Fixture flux 3000K from 2060lm to 3875lm | 5000mm reel

Product	Ra+K		Power		IP	
L006	**927**	Ra92 2700K	**11**	11,5W/m | 1955lm/m	**20**	IP20
	930	Ra92 3000K	**14**	14,4W/m | 2450lm/m		
	935	Ra92 3500K	**21**	21,6W/m | 3685lm/m		
	940	Ra92 4000K				

8 LED (11,5W)

10 ⌐1

62,5

7,81

8 LED (14,4W)

10 ⌐1

50   50

6,25

8 LED (21,6W)

10 ⌐1

33,33   33,33   33,33

4,16

Note   See the installation instructions to connect the LED strips in series or parallel.

LIGHTWAVES HIGH EFFICIENCY IP68

24Vdc | Ra92 | Fixture flux 3000K from 1195lm to 3685lm | 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				

8 LED (11,5W)

12 ⌐4

62,5

7,81

8 LED (14,4W)

12 ⌐4

50   50

6,25

8 LED (21,6W)

12 ⌐4

33,33   33,33   33,33

4,16

Note   See the installation instructions to connect the LED strips in series or parallel.

Accessory codes

Accessory Module

Dimensions LxHxP mm	Version	Code
2000x12x16	PRAP20	**PRAP20-2MK**
2000x13x21	PRAP68	**PRAP68-2MK**

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).

Dimensions LxHxP mm	Version	Code
2000x12x24	PRIN20	**PRIN20-2MK**
2000x13x29	PRIN68	**PRIN68-2MK**

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).

Dimensions LxHxP mm	Version	Code
2000x19x19	PRAN20	**PRAN20-2MK**
2000x24x24	PRAN68	**PRAN68-2MK**

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).

Mounting System

	Code
	A066

Cutting and assembly kit for IP68 and IP65.
Includes 4 M/F connectors - a 15 cm cable and 10 silicone jumpers.

	Code
	KTPRAP20
	KTPRAP68

Accessory kit for PRAP.
Includes 10 supports, 5 end caps without holes and 5 end caps with holes.

	Code
	KTPRIN20
	KTPRIN68
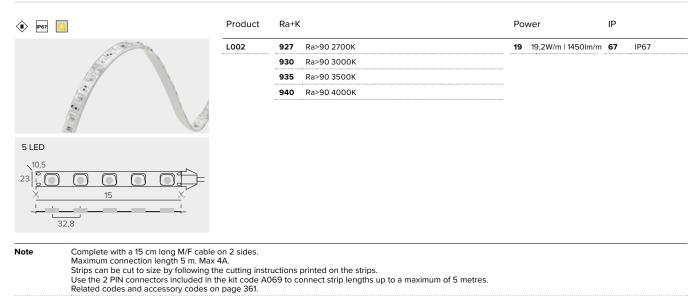
Accessory kit for PRIN.
Includes 10 supports, 5 end caps without holes and 5 end caps with holes.

	Code
	KTPRAN20
	KTPRAN68

Accessory kit for PRAN.
Includes 10 supports, 5 end caps without holes and 5 end caps with holes.
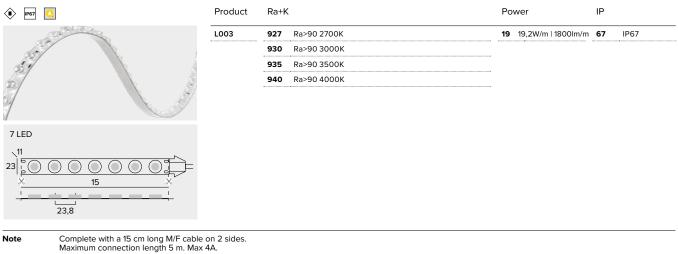
LIGHTWAVES WALL WASHER

24Vdc | Ra>90 | Fixture flux 3000K 1450lm | 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				

5 LED

10,5
23
15
32,8

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 361.

LIGHTWAVES GRAZING

24Vdc | Ra>90 | Fixture flux 3000K 1800lm | 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				

7 LED

11
23
15
23,8

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 361.

Related codes and accessories

LIGHTWAVES WALL WASHER

Accessory codes

Mounting System

	Code
	A069
	Cutting and assembly kit for IP67 Strips. Incudes 4 2 PIN connectors, 2 2 PIN male connector cables and 2 2 PIN female connector cables.

	Code
	A068
	UV light for fast glue fixing.

	Code
	A067
	Kit of of metal clips - 10 pcs.

Related codes and accessories

LIGHTWAVES GRAZING

Accessory codes

Mounting System

	Code
	A069
	Cutting and assembly kit for IP67 Strips. Incudes 4 2 PIN connectors, 2 2 PIN male connector cables and 2 2 PIN female connector cables.

	Code
	A068
	UV light for fast glue fixing.

	Code
	A067
	Kit of 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	50	110-260Vac	24 Vdc	IP20	**SLD-50-24**
320x17x30	80	110-260Vac	24 Vdc	IP20	**SLD-80-24**

Electronic power supply.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
140x32x63	100	100-240Vac	24 Vdc	IP67	**XLG-100-24-A**
180x36x63	150	100-240Vac	24 Vdc	IP67	**XLG-150-24-A**
199x36x63	200	100-240Vac	24 Vdc	IP67	**XLG-200-24-A**
244x38x71	240	100-240Vac	24 Vdc	IP65	**ELG-240-24A-3Y**
252x44x90	320	100-240Vac	24 Vdc	IP67	**HLG-320H-24**
280x49x144	600	100-240Vac	24 Vdc	IP67	**HLG-600H-24A**

Electronic power supply.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
199x36x63	96	200-260Vac	24 Vdc	IP67	**ELG-100-24DA-3Y**
219x36x63	150	200-260Vac	24 Vdc	IP67	**ELG-150-24DA-3Y**
244x38x71	200	200-260Vac	24 Vdc	IP67	**ELG-200-24DA-3Y**
244x38x71	240	200-260Vac	24 Vdc	IP67	**ELG-240-24DA-3Y**

DALI power supply.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
200x42x70	80	220-240Vac	24 Vdc	IP67	**ZK7380-D**

TRIAC dimmable power supply.

Accessory codes

Control systems

	Code
	ZKCDAFF

Two channel DALI controller.

	Code
	ZKC1-10FF

Single channel 1-10V controller.
Maximum current 8A.
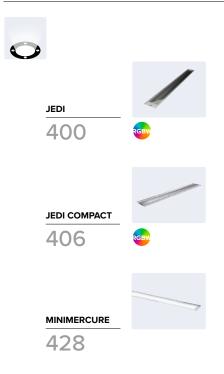
INGROUND LUMINAIRES

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

In-ground luminaires | Linear

JEDI
400

JEDI COMPACT
406

MINIMERCURE
428
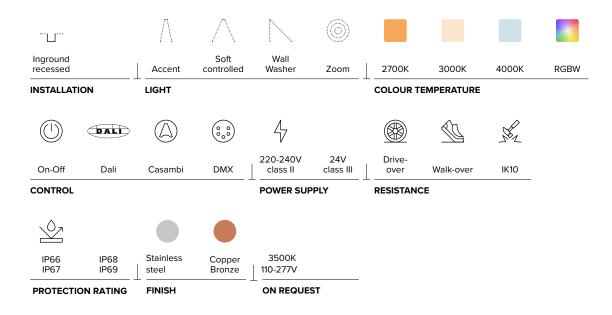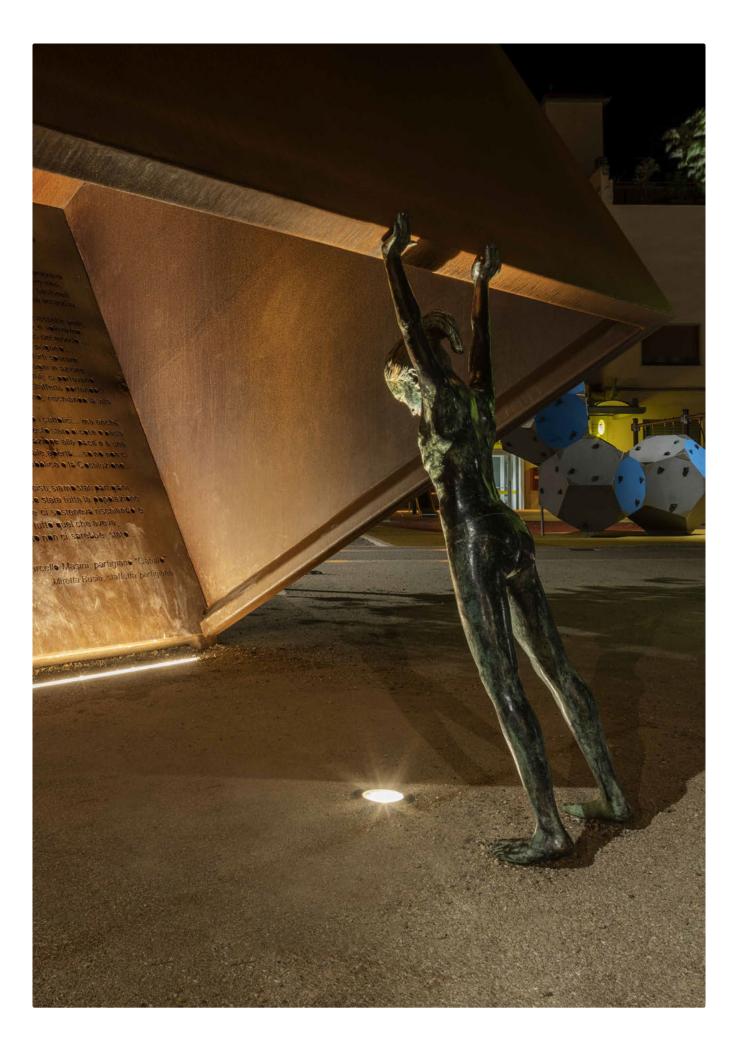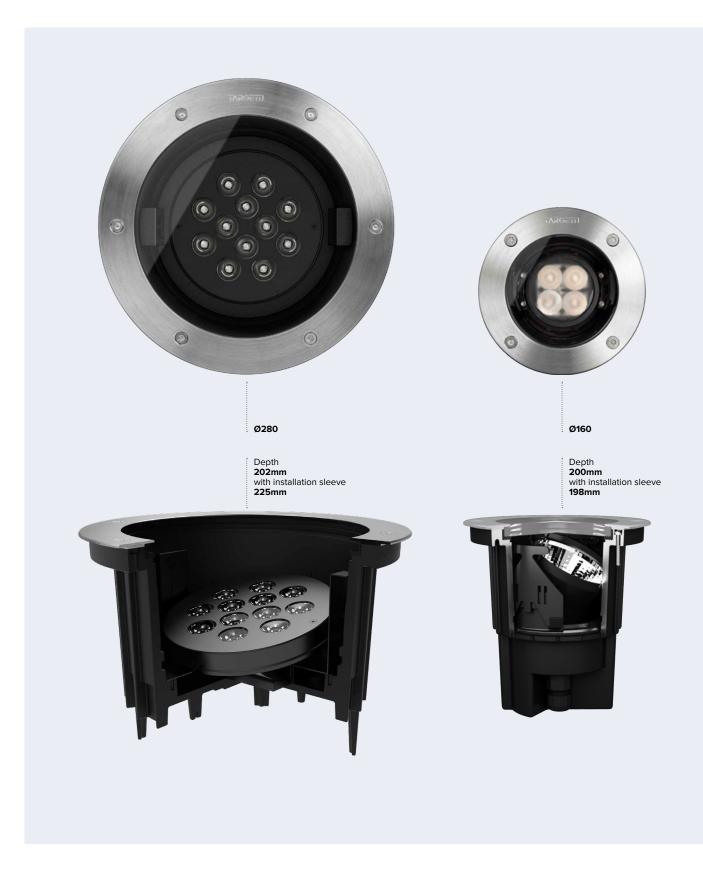
A renewed high performance range of recessed up-lights with great solidity, robustness and a wide range of optical systems. Four different sizes and different lumen packages to light small sculptures to large-scale architecture.

KEPLERO

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	Drive-over	Walk-over	IK10
CONTROL				**POWER SUPPLY**		**RESISTANCE**		

IP66 IP67	IP68 IP69	Stainless steel	Copper Bronze	3500K 110-277V
PROTECTION RATING		**FINISH**	**ON REQUEST**

Ø280

Depth
202mm
with installation sleeve
225mm

Ø160

Depth
200mm
with installation sleeve
198mm

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
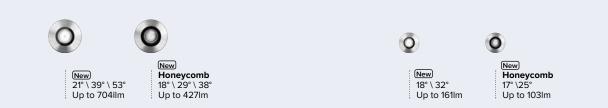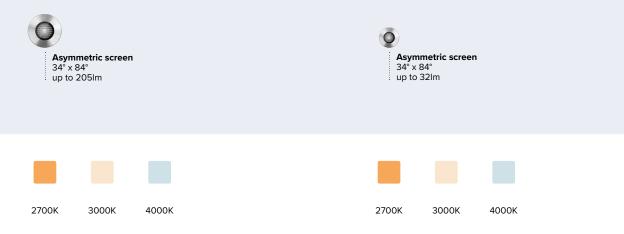
Depth
37mm
with installation sleeve
60mm

KEPLERO 280	KEPLERO 160

ZOOM

19° - 64°
1801lm

15°-61°
876lm

FIXED

New
10° \ 29° \ 50°
Up to 4223lm

New
11° \ 18° \ 40°
Up to 1501lm

New
Steel body
11° \ 21° \ 44°
up to 621lm

ADJUSTABLE

New
5°
1407lm

New
11° \ 21° \ 44°
up to 3233lm

New
10° \ 30° \ 45°
Up to 1503lm

11° \ 21° \ 44°
Up to 1109lm

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 704llm

New
Honeycomb
18° \ 29° \ 38°
Up to 427lm

New
18° \ 32°
Up to 161lm

New
Honeycomb
17° \25°
Up to 103lm

Asymmetric screen
34° x 84°
up to 205lm

Asymmetric screen
34° x 84°
up to 32lm

2700K   3000K   4000K

2700K   3000K   4000K

Projectors

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 316L stainless steel body.

Resistant to high pressure washing
The glass has a "C" shaped gasket that
surrounds it and perfectly isolates the
optical chamber to ensure an IP69K
projection rating in compliance with
DIN 40050-9. This allows the fixture
to withstand steam and high-pressure
cleaning.

Drive-over range
The entire Keplero range
is walk-over and drive-over (IK10)
in compliance with
EN 60598-2-3 regulation.

The 280 and 160 versions have integrated
drivers and IP68 connectors prepared for
IN and OUT looping connection for safe
and rapid cabling.

Projectors
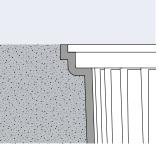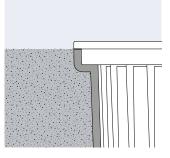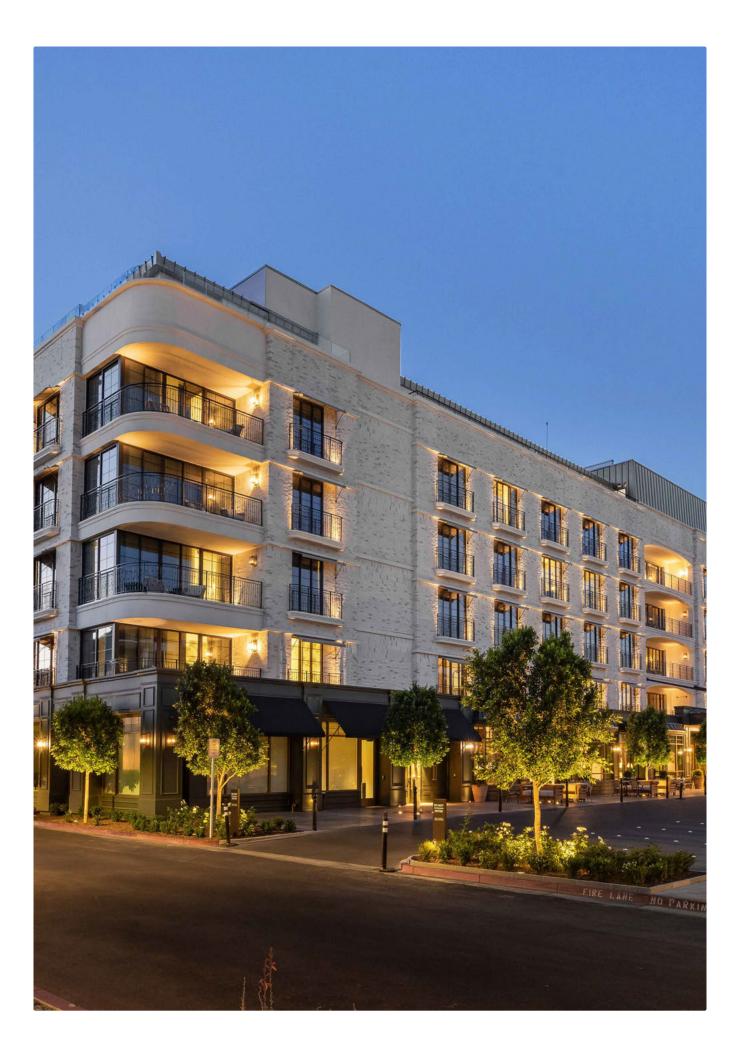
Suitable for installation in public walkways
The 280 and 180 versions are available with extra clear glass or with screen printed non-slip glass compliant with DIN 51130 R 13 regulation that makes the fixtures suitable for installation in public areas to limit the risk of slipping on the glass of the fixtures in the event of rain.
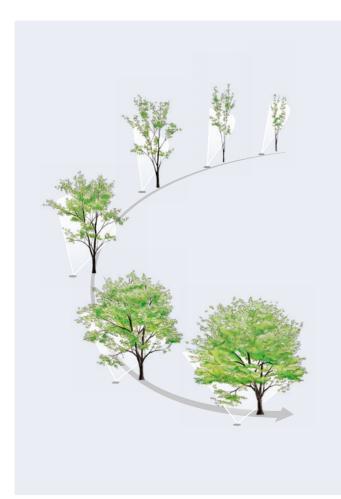
Double finish and installation type
An AISI 316L stainless steel ring with a natural finish or a PVD (physical vapor deposition) copper finish for versions with larger diameters. Both finishes ensure maximum corrosion resistance.
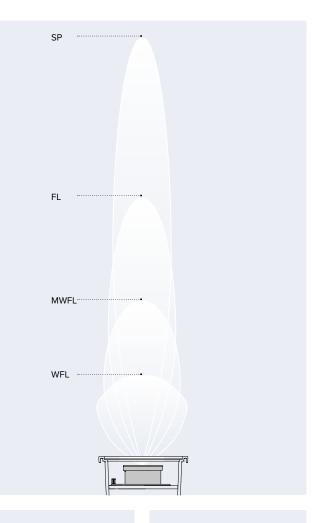
The ring can be installed flush or protruding using the same accessory installation sleeve by simply removing the nylon frame.

SP ....•

FL ....•

MWFL ....•

WFL ....•
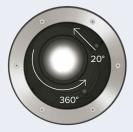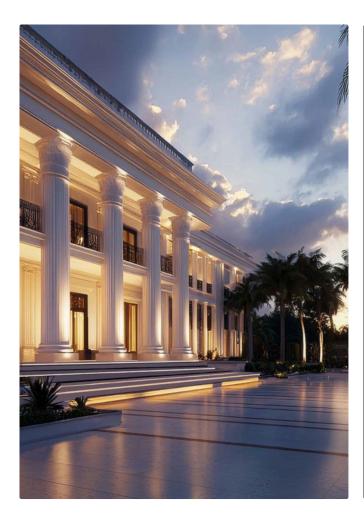
Zoom Optical system
The solidity and static nature of an
inground recessed fixture contrasts
with the dynamism of a unique optical
system that produces numerous
lighting effects. The shape of the
emission can be modified using a
patented Targetti optical system that
makes it possible to vary the beam
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°.

SP
FL
MWFL
WFL

20°
360°

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.
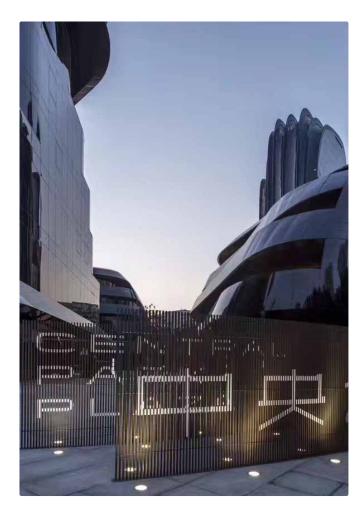
The 5° optical system is the most surprising and effective.
With an Imax=67553cd/Klm it is possible to light architectural elements even from great distances.

Graduated rings make it possible to adjust the aim and replicate it easily.
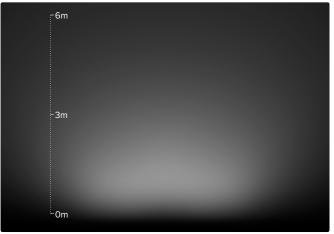
Fixed reflector optical system
Equipped with a fixed optical system Keplero provides high performance for quality and high efficiency lighting. Available with different beam openings Keplero 280 and Keplero 160 with fixed optical systems are equipped with reflectors for a soft lighting effect. The smaller 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.
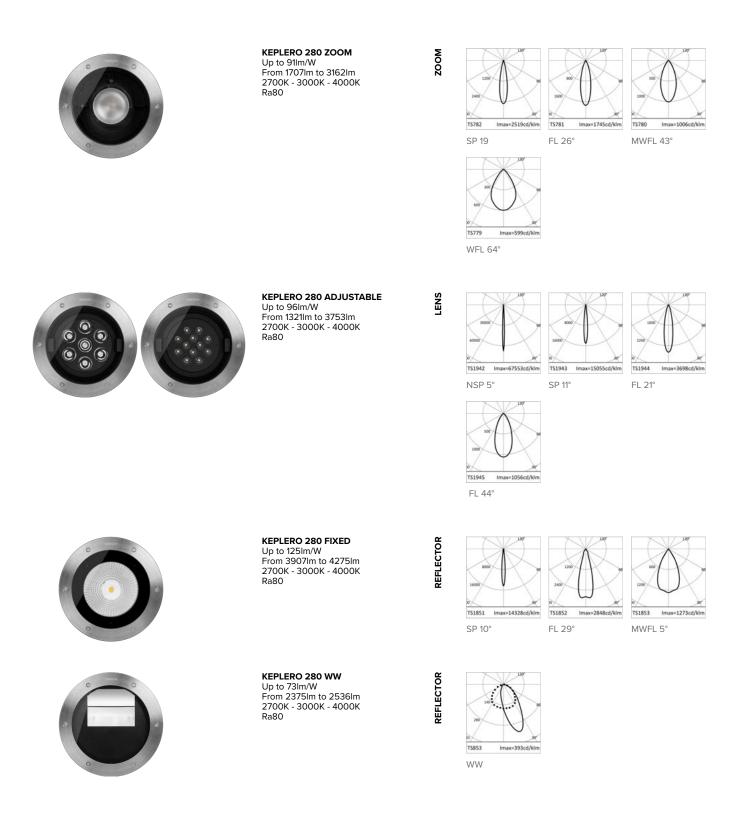
Wall Washer optical system
The 280 version provides uniform lighting of vertical surfaces. The hybrid optical system composed of a lens, a holographic filter and a specially designed reflector, not only guarantees complete uniformity on vertical surfaces but also the "attachment" of the light is very close to the floor.

The 180 version is equipped with an optical system that, in addition to ensuring a uniform lighting effect, also allows for installation flexibility. It is possible to rotate the support plate of the optical system by +/-15° to precisely adjust the beam based on the height of the surface, in preference of a very low light attack or greater upward focus.

KEPLERO 280 ZOOM
Up to 91lm/W
From 1707lm to 3162lm
2700K - 3000K - 4000K
Ra80

TS782 Imax=2519cd/klm
SP 19

TS781 Imax=1745cd/klm
FL 26°

TS780 Imax=1006cd/klm
MWFL 43°

TS779 Imax=599cd/klm
WFL 64°

KEPLERO 280 ADJUSTABLE
Up to 96lm/W
From 1321lm to 3753lm
2700K - 3000K - 4000K
Ra80

LENS

TS1942 Imax=67553cd/klm
NSP 5°

TS1943 Imax=15055cd/klm
SP 11°

TS1944 Imax=3698cd/klm
FL 21°

TS1945 Imax=1056cd/klm
FL 44°

KEPLERO 280 FIXED
Up to 125lm/W
From 3907lm to 4275lm
2700K - 3000K - 4000K
Ra80

REFLECTOR

TS1851 Imax=14328cd/klm
SP 10°

TS1852 Imax=2848cd/klm
FL 29°

TS1853 Imax=1273cd/klm
MWFL 5°

KEPLERO 280 WW
Up to 73lm/W
From 2375lm to 2536lm
2700K - 3000K - 4000K
Ra80

REFLECTOR

TS853 Imax=393cd/klm
WW

*** The photometries shown in the
table refer to LED 3000K**

Projectors

KEPLERO 160 ZOOM
Up to 95lm/W
From 627lm to 1236lm
2700K - 3000K - 4000K
Ra80
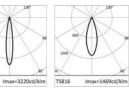
TS815 Imax=3220cd/klm	TS816 Imax=1469cd/klm	TS817 Imax=866cd/klm
SP 15°	FL 32°	MWFL 53°

TS818 Imax=621cd/klm
WFL 61°

KEPLERO 160 ADJUSTABLE
Up to 112lm/W
From 205lm to 1532lm
2700K - 3000K - 4000K
Ra80
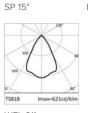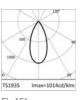
TS1932 Imax=65847cd/klm	TS1933 Imax=14157cd/klm	TS822 Imax=4490cd/klm
NSP 5°	SP 11°	FL 21°

TS1935 Imax=1014cd/klm
FL 45°

KEPLERO 160 ADJUSTABLE AND FIXED
Up to 112lm/W
From 205lm to 1532lm
2700K - 3000K - 4000K
Ra80

TS821 Imax=9992cd/klm	TS1849 Imax=4489cd/klm	TS1850 Imax=1624cd/klm
SP 11°	FL 18°	FL 40°
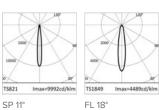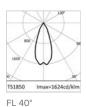
KEPLERO 160 STEEL FIXED
Up to 93lm/W
From 563lm to 689lm
3000K - 4000K
Ra80
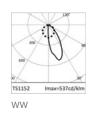
TS1936 Imax=14157cd/klm	TS1937 Imax=3288cd/klm	TS1941 Imax=1014cd/klm
SP 11°	FL 23°	FL 45°
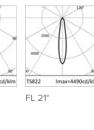
KEPLERO 160 WALL WASHER
Up to 72lm/W
From 918lm to 980lm
2700K - 3000K - 4000K
Ra80

TS1152 Imax=537cd/klm
WW

* The photometries shown in the table refer to LED 3000K
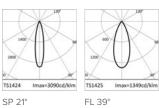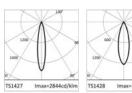
KEPLERO 80 FIXED
Up to 107lm/W
From 175lm to 728lm
2700K - 3000K - 4000K
Ra80

TS1424 Imax=3090cd/klm	TS1425 Imax=1349cd/klm	TS1429 Imax=763cd/klm
SP 21°	FL 39°	WFL 53°
TS1427 Imax=2844cd/klm	TS1428 Imax=1241cd/klm	TS1429 Imax=763cd/klm
SP + Honeycomb	FL + Honeycomb	MWFL + Honeycomb
TS1430 Imax=628cd/klm	TS1431 Imax=377cd/klm	TS1432 Imax=270cd/klm
MFL + Asymmetric screen	FL + Asymmetric screen	MWL + Asymmetric screen
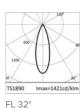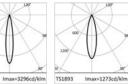
KEPLERO 50 FIXED
Up to 60lm/W
From 27lm to 161lm
2700K - 3000K - 4000K
Ra80

TS1888 Imax=3977cd/klm	TS1890 Imax=1421cd/klm
SP 19°	FL 32°
TS1891 Imax=3296cd/klm	TS1893 Imax=1273cd/klm
SP + Honeycomb	FL + Honeycomb
TS1894 Imax=651cd/klm	TS1896 Imax=281cd/klm
SP + Asymmetric screen	FL + Asymmetric screen

KEPLERO 280 Adjustable
220-240Vac | Ra80 | Fixture flux 3000K from 1407lm to 3518lm

□ 6.1 IP66 IP67 IP68 IK10 ◎ ◢ ▣

Ø210
Ø280
202

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 23° - 39W	840	Ra80 4000K						
	FLL	MWFL 45° - 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

□ 4.8 IP66 IP67 IP68 IK10 ◎ ◢ ▣

Ø210
Ø280
202

Product	Optic		Ra+K		Driver		Glass		Colour	
E014	NSR	NSP 10° - 35W	827	Ra80 2700K	EL	ON-OFF	C	Clear	SS	
	MFR	FL 18° - 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

□ IP66 IP67 IP68 IK10 ◎ ◢ ▣

Ø210
Ø280
202

Product	Optic		Ra+K		Driver		Glass		Colour	
E013	ZMH 35W	19°, 26°, 43°, 64°	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						

Ø210
Ø280
202

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 56W	19°, 26°, 43°, 64°	RGW	RGBW	MX	DMX RDM	C	Clear	SS	
							A	Anti-slip	CB	

Ø210
Ø280
202

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	

Ø210
Ø280
202

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° - 3W	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								

Ø161
167

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).
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 Fixed

110-240V | Ra80 | Fixture flux 3000K from 1486lm to 1501lm

☐ 1.15 IP66 IP67 IP68 IK10 ◉ ⬩ ⬩

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						

Ø161 / 167

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 160 Zoom
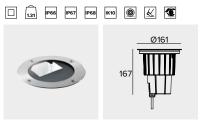
110-240V | Ra80 | Fixture flux 3000K from 661lm to 1221lm

☐ 1.31 IP66 IP67 IP68 IK10 ◉ ⬩ ⬩

Product	Optic		Ra+K		Driver		Glass		Colour	
E015	ZMH	19°, 26°, 43°, 64° 14W	827	Ra80 2700K	EL	ON-OFF	C	Clear	SS	
			830	Ra80 3000K	DA	DALI	A	Anti-slip	CB	
			840	Ra80 4000K						

Ø161 / 167

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 160 Wall Washer

110-240V | Ra80 | Fixture flux 3000K 968lm

☐ 1.31 IP66 IP67 IP68 IK10 ◉ ⬩ ⬩

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						

Ø161 / 167

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 160 Adjustable RGBW

450mA | Fixture flux up to 657lm | RGBW W=6500K

◈ 1.05 IP66 IP67 IP68 IK10 ◉ ⬩

Product	Optic		Ra+K		Driver		Glass		Colour	
E015	SPR	SP 11° - 15W	RGW	RGBW	MX	DMX	C	Clear	SS	
	FLR	FL 40° - 15W					A	Anti-slip	CB	
	MWR	MWFL 51° - 15W								

Ø161 / 167

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.
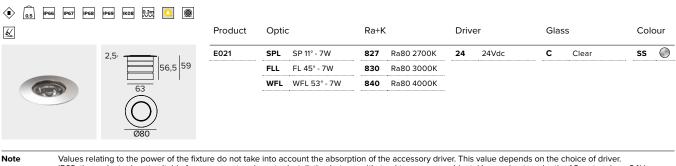
KEPLERO 160 Stainless steel
220-240Vac | Ra80 | Fixture flux 3000K from 563lm to 646lm

Product	Optic		Ra+K		Driver		Glass		Colour	
E017	SPL	SP 11° - 7W	830	Ra80 3000K	EL	ON-OFF	C	Clear	SS	
	MFL	FL 23° - 7W	840	Ra80 4000K	DA	DALI	A	Anti-slip	CB	
	FLL	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 390.

KEPLERO 80
24Vdc | Ra80 | Fixture flux 3000K from 673lm to 704lm

Product	Optic		Ra+K		Driver		Glass		Colour	
E021	SPL	SP 11° - 7W	827	Ra80 2700K	24	24Vdc	C	Clear	SS	
	FLL	FL 45° - 7W	830	Ra80 3000K						
	WFL	WFL 53° - 7W	840	Ra80 4000K						

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 390.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 390.

Inground

KEPLERO 80 | Honeycomb
24Vdc | Ra80 | Fixture flux 3000K from 331lm to 427lm

Product	Optic		Ra+K		Driver		Glass		Colour	
E023	SPL	SP 11° - 7W	827	Ra80 2700K	24	24Vdc	C	Clear	SS	
	FLL	FL 45° - 7W	830	Ra80 3000K						
	MWL	FL 38° - 7W	840	Ra80 4000K						

Note Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 390.

KEPLERO 50
24Vdc | Ra80 | Fixture flux 3000K from 147lm to 161lm

Product	Optic		Ra+K		Driver		Glass		Colour	
E018	SPL	SP 11° - 3W	827	Ra80 2700K	24	24Vdc	C	Clear	SS	
	FLL	FL 45° - 3W	830	Ra80 3000K						
			840	Ra80 4000K						

Note Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 390.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 390.

KEPLERO 50 | Honeycomb
24Vdc | Ra80 | Fixture flux 3000K from 82lm to 103lm

Product	Optic		Ra+K		Driver		Glass		Colour	
E020	SPL	SP 11° - 3W	827	Ra80 2700K	24	24Vdc	C	Clear	SS	
	MFL	FL 23° - 3W	830	Ra80 3000K						
			840	Ra80 4000K						

2,5

37 | 39,5

Ø38

Ø50

Note	Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 390.

Related codes and accessories
KEPLERO 280

Related codes

Sleeve
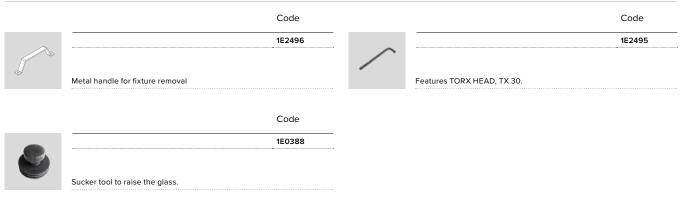
	Code
	1E2394

Grey nylon installation sleeve.
The sleeve is pre-set for both flush or straight edge installation.
Complete with dedicated cover cap for installations in concrete.
Flush ring Ø 286 H.225.
Straight edge ring Ø 271 H. 223.

Accessory codes

Tools

	Code
	1E2496

Metal handle for fixture removal

	Code
	1E2495

Features TORX HEAD, TX 30.

	Code
	1E0388

Sucker tool to raise the glass.

Accessory codes KEPLERO 280 adjustable

Grid

	Code
	A062

Anti-glare louver.
Black painted metal honeycomb structure.
The louver is complete with a filter holder ring.

Filter

	Code
	A063

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.

Accessory codes KEPLERO 280 Fixed

Grid

	Code
	A060

Anti-glare louver.
Black painted metal honeycomb structure.
The louver is complete with a filter holder ring.

Filter

	Code
	A061

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.

Accessory codes KEPLERO 280 Zoom + KEPLERO 280 Zoom RGBW

Filter

Ø mm	Code
101	**1T1696**

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
101	**1T1699**

Anti-glare louver.
Black painted metal honeycomb structure.

Shutter

Colour	Code
●	**1E2402**

Half-moon shutter.

Related codes and accessories

KEPLERO 280

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.	

Control systems

	Code
	1E3048
IP67 wireless control unit with DALI interface. More details on page 676.	

	Code
	1E4369
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 676.	

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	

Related codes and accessories

KEPLERO 280 RGBW

Accessory codes

Connector

|	Code
	1E3184
IP68 4-way cable connector (5 pole).	

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	

Control systems

	Code
	1E2767
USB-RDM Programmer code. More details on page 682.	

	Code
	1T1898
my-SCENARIO Show Store. More details on page 682.	

	Code
	1T6499
myScenario Wall. More details on page 682.	

Related codes and accessories
KEPLERO 160

Related codes

Sleeve

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

Tools

	Code
	1E0388

Sucker tool to raise the glass.

	Code
	1E2495

Features TORX HEAD, TX 30.
No INOX version

	Code
	1E2524

Metal handle for fixture removal

Accessory codes KEPLERO 160 Adjustable
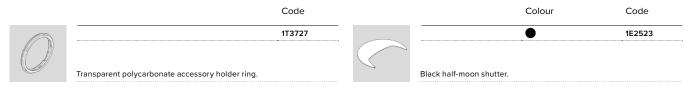
Filter

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 accessory holder ring 1T3727 (reflector optics only).
Cannot be used with VNL optics.

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.
To be used with VNL optics.

Grid

Ø mm	Code
70	**1T1711**

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.

Ø mm	Code
50	**1T4322**

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.

Accessory codes KEPLERO 160 Fixed
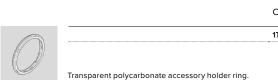
Filter

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

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.

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
More details on page 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI
interface based on Casambi technology.
More details on page 676.

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

Outdoor

Related codes and accessories
KEPLERO 160 RGBW

Related codes

Power Supply

	Code
	1E3881

DMX 4 channel driver - 450mA.
LxHxP=220x80x120mm, 110-277Vac.
IP68 gray powder coated aluminum box.

Control systems

	Code
	1E2767

USB-RDM Programmer code.
More details on page 682.

	Code
	1T1898

my-SCENARIO Show Store.
More details on page 682.

	Code
	1T6499

myScenario Wall.
More details on page 682.

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

Sleeve

Ø mm	H mm	Code
75	80	**1E3460**

Installation sleeve.
For the drive-over version.

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
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

Connector

	Code			Code
	1E2769			**1E2494**

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
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 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI
interface based on Casambi technology.
More details on page 676.

Outdoor   **396**

Related codes and accessories
KEPLERO 50

Related codes

Sleeve

Ø mm	H mm	Code
44	60	**1E3470**

Installation sleeve.
For the drive-over version.

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
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

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.

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 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI
interface based on Casambi technology.
More details on page 676.

Titano is an inground 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.

TITANO

Inground recessed	Radial	3000K 4000K
INSTALLATION	**LIGHT**	**COLOUR TEMPERATURE**

On-Off	220-240V	Drive-over	Walk-over	IK10	Ferrite	Easy Custom Colours
CONTROL	**POWER SUPPLY**	**RESISTANCE**			**FINISH**

IP67	Cataphoresis treatment
PROTECTION RATING	**ON REQUEST**

TITANO LED
220-240Vac | Ra80 | Fixture flux 3000K from 47lm to 158lm

Ø169
40
180
Ø180
Ø217

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
	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.

Surge protector

	Code
	A013A
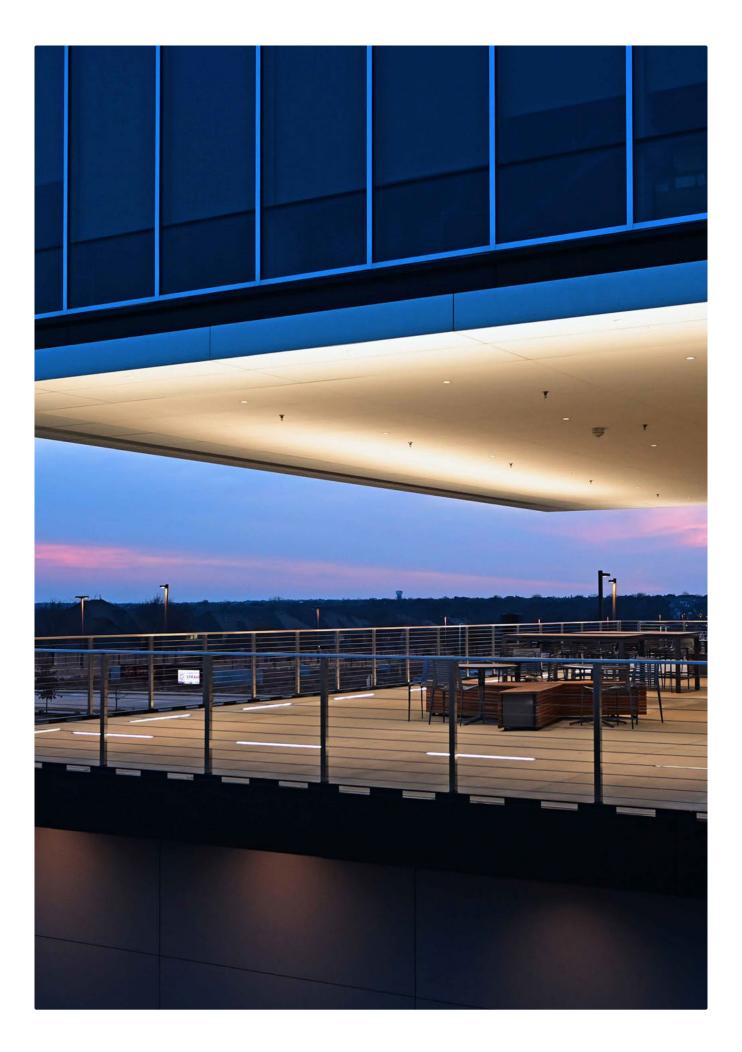
Surge protector compatible with CLASS I lighting fixtures.
Operating voltage 230-277Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS I
IP67

JEDI RECESSED
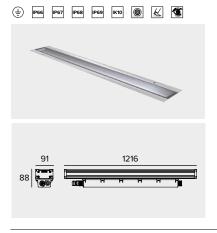
Jedi recessed linear fixtures provide maximum load and vandal resistance. The different lengths and light distributions available make it a flexible tool that can consistently provide solutions to various project needs in the public or private sector. The body is completely sealed with external electrical connection via IP68 connectors for rapid Plug & Light installation and continuous row installation is possible using accessories.
New RGBW versions are also available.

Recessed	Direct	Accent	Soft controlled	Wall Washer	Grazing	3000K	4000K
INSTALLATION	**EMISSION**	**LIGHT**				**COLOUR TEMPERATURE**	

On-Off	1—10V Dimming	Dali	Casambi	Driver Integrato	Drive-over	Walk-over	IK08
CONTROL				**POWER SUPPLY**	**RESISTANCE**		

IP67	IP68	IP69	Aluminium	110-277V power supply 2700K - 3500K
PROTECTION RATING			**FINISH**	**ON REQUEST**

400

Inground recessed

JEDI Recessed | L. 1216mm
220-240Vac | Ra80 | Fixture flux 3000K from 3120lm to 5922lm

IP66 IP67 IP68 IP69 IK10
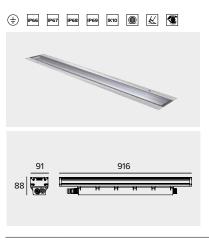
Optic	Driver	Colour	3000K	4000K
SP 51W	ON-OFF	○	1E2745	1E2746
	DALI	○	1E2747	1E2748
FL 53W	ON-OFF	○	1E2709	1E2710
	DALI	○	1E2711	1E2712
GRZ 53W	ON-OFF	○	1E2685	1E2686
	DALI	○	1E2687	1E2688
WW 53W	ON-OFF	○	1E2733	1E2734
	DALI	○	1E2735	1E2736

91   1216
88

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

IP66 IP67 IP68 IP69 IK10
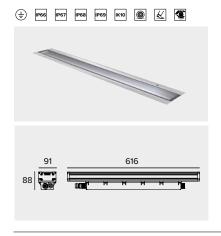
Optic	Driver	Colour	3000K	4000K
SP 40W	ON-OFF	○	1E2741	1E2742
	DALI	○	1E2743	1E2744
FL 40W	ON-OFF	○	1E2701	1E2702
	DALI	○	1E2703	1E2704
GRZ 40W	ON-OFF	○	1E2677	1E2678
	DALI	○	1E2679	1E2680
WW 40W	ON-OFF	○	1E2725	1E2726
	DALI	○	1E2727	1E2728

91   916
88

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

IP66 IP67 IP68 IP69 IK10
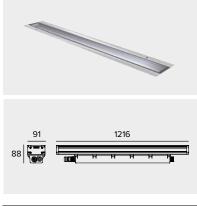
Optic	Driver	Colour	3000K	4000K
SP 28W	ON-OFF	○	1E2737	1E2738
	DALI	○	1E2739	1E2740
FL 28W	ON-OFF	○	1E2693	1E2694
	DALI	○	1E2695	1E2696
GRZ 28W	ON-OFF	○	1E2669	1E2670
	DALI	○	1E2671	1E2672
WW 28W	ON-OFF	○	1E2717	1E2718
	DALI	○	1E2719	1E2720

91   616
88

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
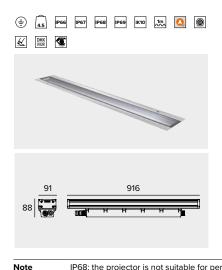
Optic	Driver	Colour	RGBW
FL 55W	DMX RDM	⦿	**1E4246**
GRZ 55W	DMX RDM	⦿	**1E4247**
WW 55W	DMX RDM	⦿	**1E4248**

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 electronic and DALI version.
1E2762 - For in line adjacent connection of one 600mm projector with one 900mm projector.
1E2763 - For in line adjacent connection of one 600mm projector with one 1200mm projector or two 900mm projectors.
1E2764 - For in line adjacent connection of one 900mm projector with one 1200mm projector.
1E2765 - For in line adjacent connection of two 1200mm projectors.

Connector

Code
1E2769

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 676.

Code
1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

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
	1E2767

USB-RDM Programmer code.
More details on page 682.

	Code
	1T1898

my-SCENARIO Show Store.
More details on page 682.

	Code
	1T6499

myScenario Wall.
More details on page 682.

Related codes and accessories
JEDI | Codes compatible with the whole range

Related codes

Insertion Box

L mm	Code
618	**1E3507**
918	**1E3508**
1218	**1E3509**

Extruded anodized aluminium insertion box.

Accessory codes

Tool

	Code
	1E2495

Features TORX HEAD, TX 30.

Surge protector
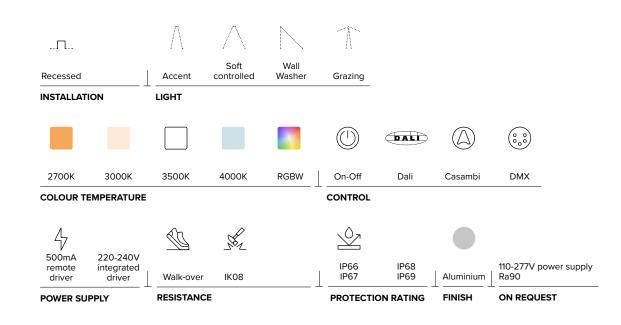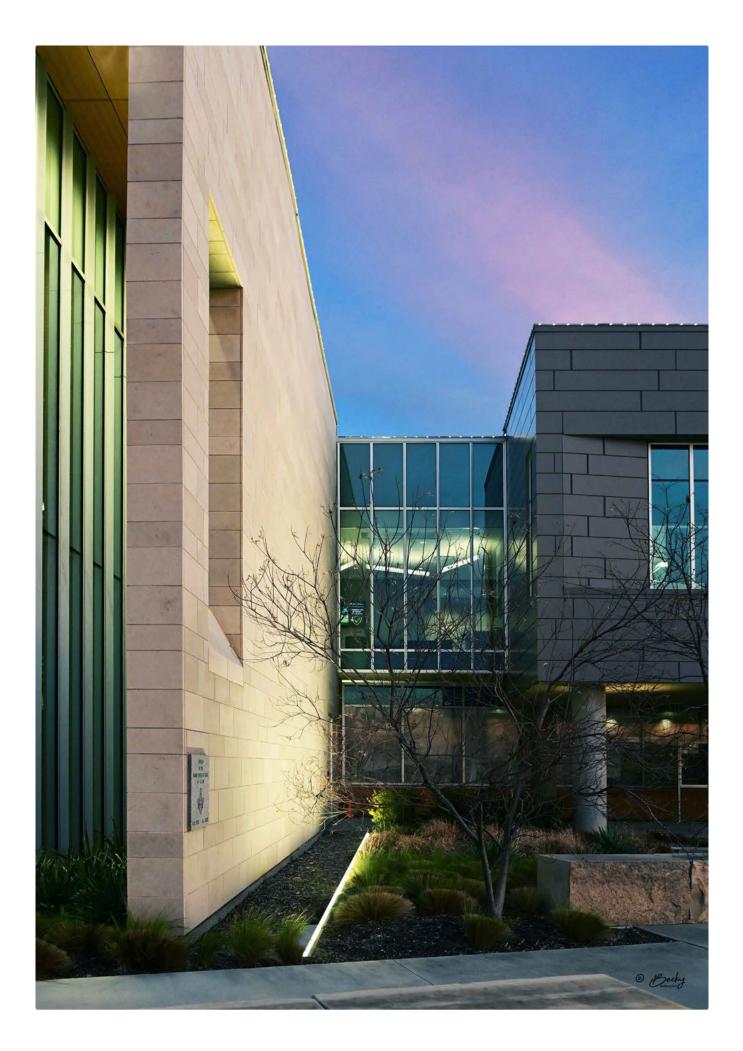
	Code
	A013A

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 RECESSED
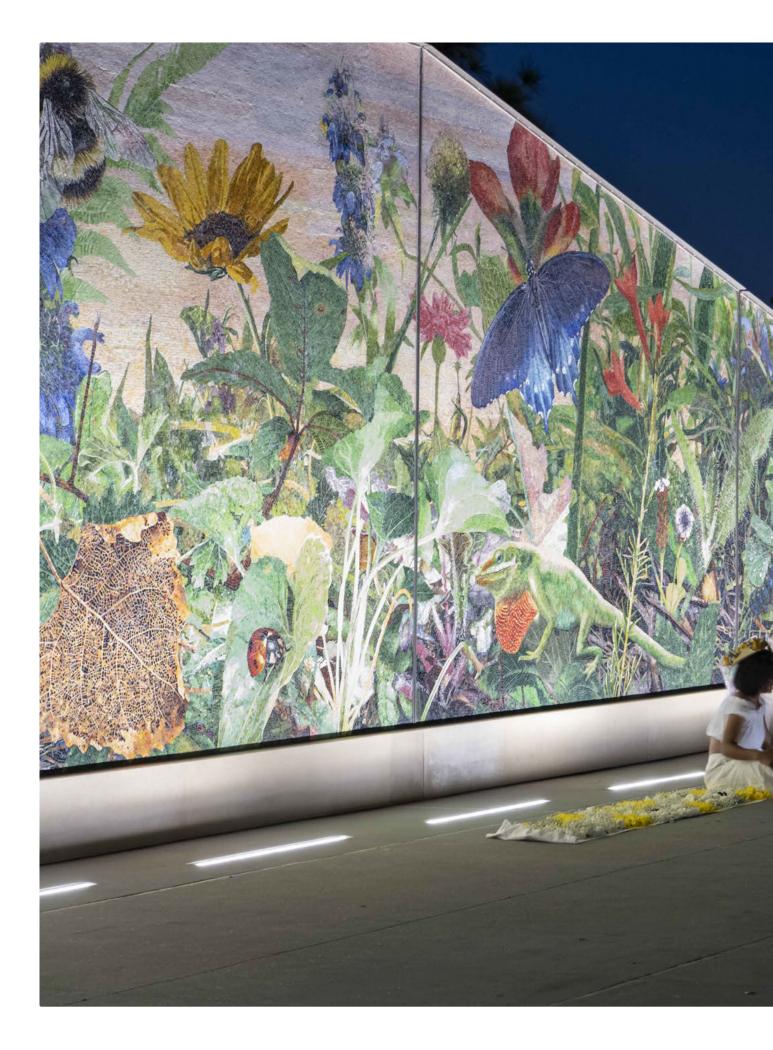
Recessed Jedi Compact is a very high performance fixture with an extremely compact size. Versions are available with remote and integrated drivers, both of which can be installed with special outer casings, to meet all installation needs. RGBW versions are also available with quadri-chip technology for perfect colour mixing and high quality coloured light.

INSTALLATION
Recessed

LIGHT
Accent | Soft controlled | Wall Washer | Grazing

COLOUR TEMPERATURE
2700K | 3000K | 3500K | 4000K | RGBW

CONTROL
On-Off | Dali | Casambi | DMX

POWER SUPPLY
500mA remote driver | 220-240V integrated driver

RESISTANCE
Walk-over | IK08

PROTECTION RATING
IP66 | IP68
IP67 | IP69

FINISH
Aluminium

ON REQUEST
110-277V power supply
Ra90

Inground recessed

Inground recessed

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**
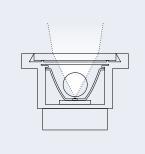
Flood – Soft controlled light for localised effects
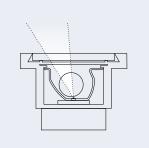
Lighting effects

Jedi has two optical systems both designed by the Targetti Optic Division: hybrid and with lenses that provide different lighting effects.

Grazing – Grazing light
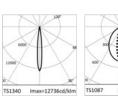
Wall washer – Soft and uniform lighting of vertical or horizontal planes

RECESSED JEDI COMPACT
Up to 125lm/W
From 706lm to 5983lm
2700K - 3000K - 3500K - 4000K
Ra80
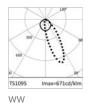
TS1340   Imax=12736cd/klm

SP 11°

TS1087   Imax=508cd/klm

FL 32° - 85°

TS1089   Imax=1601cd/klm

Grazing 15° - 76°

TS1095   Imax=671cd/klm

WW

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.

Colour mixing of RGBW fixtures is
managed by DMX RDM drivers.

Inground recessed

JEDI COMPACT Outdoor Recessed | Remote driver | L. 1185mm
500mA | Ra80 | Fixture flux 3000K from 5141lm to 5717lm

⏚ 3.3 IP66 IP67 IP68 IP69 IK08 1m ⚠ ⬡
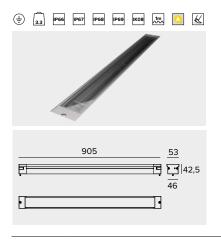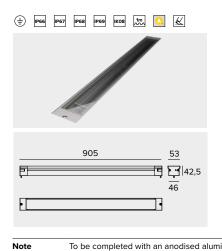
Optic	Colour	2700K	3000K	3500K	4000K
SP 46W	⚪	1E3847	1E3848	1E3849	1E3850
FL 48W	⚪	1E3633	1E3634	1E3635	1E3636
GRZ 48W	⚪	1E3637	1E3638	1E3639	1E3640
WW 48W	⚪	1E3641	1E3642	1E3643	1E3644
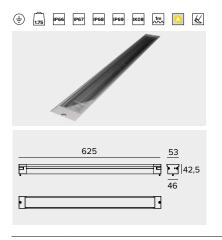
905   53
42,5
46

Note   To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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.
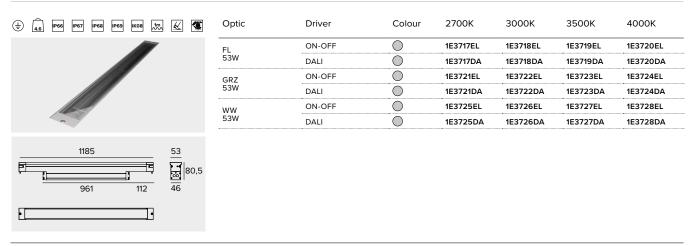Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed | Remote driver | L. 905mm
500mA | Ra80 | Fixture flux 3000K from 3856lm to 4288lm

⏚ IP66 IP67 IP68 IP69 IK08 1m ⚠ ⬡

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

905   53
42,5
46

Note   To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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
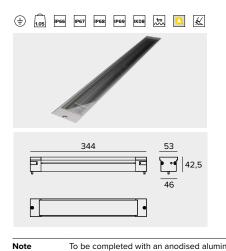
Optic	Colour	2700K	3000K	3500K	4000K
SP 23W	⬤	**1E3839**	**1E3840**	**1E3841**	**1E3842**
FL 24W	⬤	**1E3585**	**1E3586**	**1E3587**	**1E3588**
GRZ 24W	⬤	**1E3589**	**1E3590**	**1E3591**	**1E3592**
WW 24W	⬤	**1E3593**	**1E3594**	**1E3595**	**1E3596**
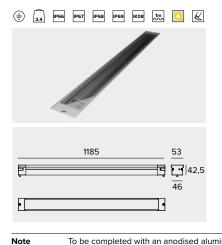
625   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

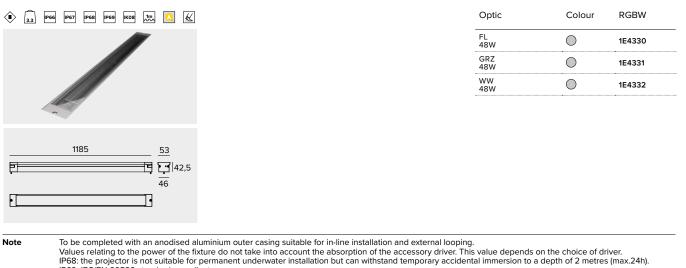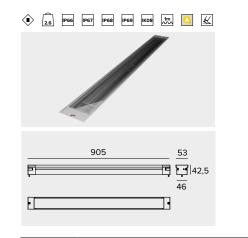| Optic	Colour	2700K	3000K	3500K	4000K
SP 12W	⬤	**1E3835**	**1E3836**	**1E3837**	**1E3838**
FL 12W	⬤	**1E3561**	**1E3562**	**1E3563**	**1E3564**
GRZ 12W	⬤	**1E3565**	**1E3566**	**1E3567**	**1E3568**
WW 12W	⬤	**1E3569**	**1E3570**	**1E3571**	**1E3572**

344   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

1185   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

905   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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).
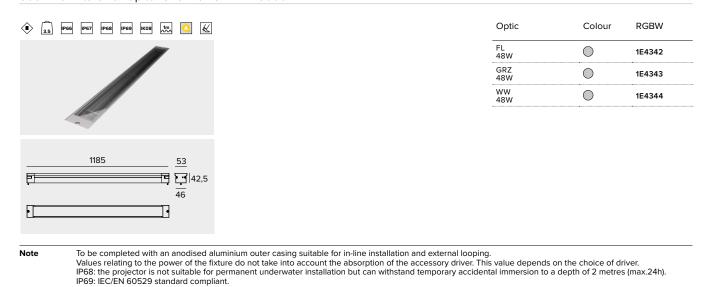IP69: IEC/EN 60529 standard compliant.
Related codes and accessory codes on page 424.

JEDI COMPACT Outdoor Recessed Louvre l Remote driver l L. 625mm

500mA l Ra80 l Fixture flux 3000K from 1503lm to 1950lm

⏚ 🔆1.8 IP66 IP67 IP68 IP69 IK08 1m ⚠ ⬦

Optic	Colour	2700K	3000K	3500K	4000K
FL 24W	⬤	1E3597	1E3598	1E3599	1E3600
GRZ 24W	⬤	1E3601	1E3602	1E3603	1E3604
WW 24W	⬤	1E3605	1E3606	1E3607	1E3608

625   53
42,5
46

Note   To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 l Remote driver l L. 344mm

500mA l Ra80 l Fixture flux 3000K from 752lm to 975lm

⏚ 🔆1.1 IP66 IP67 IP68 IP69 IK08 1m ⚠ ⬦

Optic	Colour	2700K	3000K	3500K	4000K
FL 12W	⬤	1E3573	1E3574	1E3575	1E3576
GRZ 12W	⬤	1E3577	1E3578	1E3579	1E3580
WW 12W	⬤	1E3581	1E3582	1E3583	1E3584
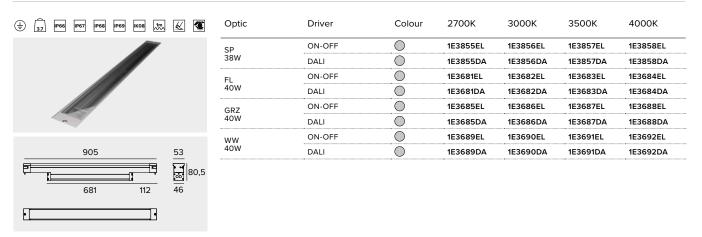
344   53
42,5
46

Note   To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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.

Inground

JEDI COMPACT Outdoor Recessed | Integrated driver | L. 1185mm
220-240Vac | Ra80 | Fixture flux 3000K from 5141lm to 5717lm

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

1185   53   80,5
961   112   46

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

905   53   80,5
681   112   46

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

⏚ 2.7 | IP66 | IP67 | IP68 | IP69 | IK08 | 1m | ⌖ | ⊙

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

625   53
80,5
401   112   46

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

⏚ 4.6 | IP66 | IP67 | IP68 | IP69 | IK08 | 1m | ⌖ | ⊙

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

1185   53
80,5
961   112   46

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

IP66 IP67 IP68 IP69 IK08 1m 3.8

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

905   53   80,5
681   112   46

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

IP66 IP67 IP68 IP69 IK08 1m 2.8

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

625   53   80,5
401   112   46

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

1185   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

905   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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**

625   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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**

344   53   42,5   46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

1185   53
42,5
46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

905   53
42,5
46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

625   53
42,5
46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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

344   53
42,5
46

Note To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.
Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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
	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.

	Code
	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.

	Code
	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.

	Code
	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
	1E2769
	Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm^2. Cable diameter range from 7 to 12mm.

	Code
	1E2494
	Multiple connection box IP68. 1 IN - 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).

Control systems

	Code
	1E3048
	IP67 wireless control unit with DALI interface. More details on page 676.

	Code
	1E4369
	IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 676.

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
JEDI COMPACT Outdoor RGBW Recessed

Related codes

Power Supply

	Code
	1E4271
	DMX RDM 4 channel RGBW driver. 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 682.

my-SCENARIO Show Store.
More details on page 682.

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
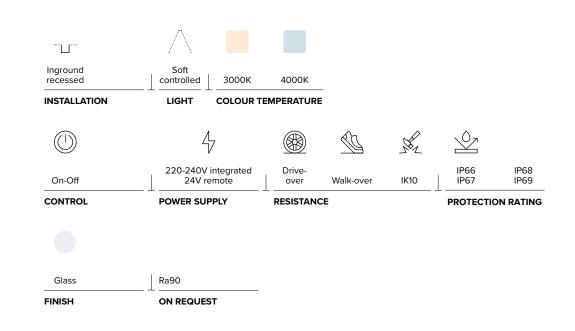
(Tightening) wrench for the connector kit.

Inground recessed

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	IK10	IP66 IP67	IP68 IP69
CONTROL	**POWER SUPPLY**	**RESISTANCE**			**PROTECTION RATING**	

Glass	Ra90
FINISH	**ON REQUEST**
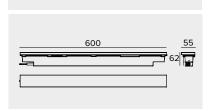
MINIMERCURE LED
Ra80 | Fixture flux 3000K 290lm

| 1.8 | IP66 | IP67 | IP68 | IP69 | IK08 | 1.5m | ◎ | ∠ |

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**
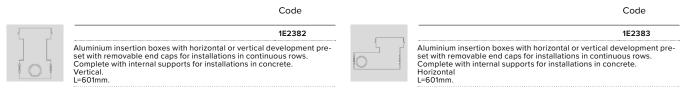
Note   24Vdc version: values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to 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
	1E2382

Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete.
Vertical.
L=601mm.

	Code
	1E2383

Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete.
Horizontal
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

PROJECTOR
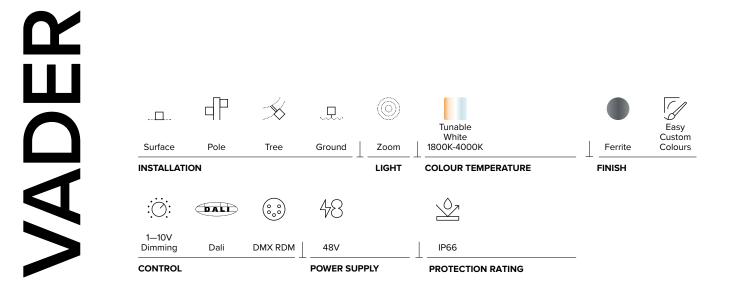
Outdoor

Projector

VADER

432

Ø 97mm

TW

DART ROUND

448

Ø 235mm
TW RGBW

Ø 130mm
TW RGBW

Ø 88mm

DART

468

214x214mm

134x134mm
RGBW

76x76mm

JUPITER

484

PRO
Ø 50mm

PRO Small
Ø 40mm

MINI
Ø 38mm

PYROS

494

NANO PYROS
Ø 107mm

PICO PYROS
Ø 60mm

JEDI

498

RGBW

JEDI Compact

510

RGBW

VOLTA

160

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.

VADER

Surface	Pole	Tree	Ground	Zoom	Tunable White 1800K-4000K	Ferrite	Easy Custom Colours
INSTALLATION				**LIGHT**	**COLOUR TEMPERATURE**	**FINISH**	

1—10V Dimming	Dali	DMX RDM	48V	IP66
CONTROL			**POWER SUPPLY**	**PROTECTION RATING**

Projectors

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 1-10V and DMX control. All in the same product code.

Tunable White
1800K-4000Kr.

Zoom optical system
from SP to MWFL

DALI
1-10V DMX
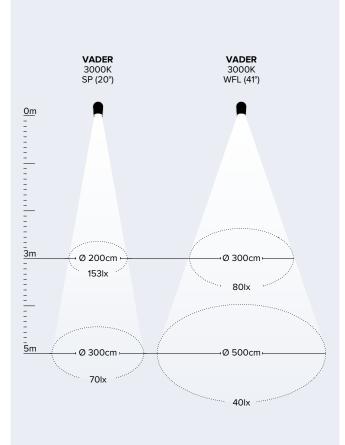
Emission can vary from Spot (20°) to
Medium Wide Flood (41°) continuously
with mechanical locking of the zoom
on the chosen distribution.
A practical graduated scale facilitates
replication across multiple fixtures.

ZOOM optical system

The VADER Zoom optical system was
developed for manual adjustment of the light
beam.

VADER
3000K
SP (20°)

VADER
3000K
WFL (41°)

0m

3m

Ø 200cm
153lx

Ø 300cm
80lx

5m

Ø 300cm
70lx

Ø 500cm
40lx
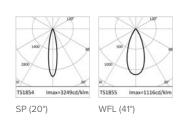
A practical graduated scale facilitates
replication across multiple fixtures.

VADER
Up to 70lm/W
From 681lm to 1074lm
1800K - 3000K - 4000K
Ra90

TS1854   Imax=3249cd/klm

TS1855   Imax=1116cd/klm

SP (20°)

WFL (41°)
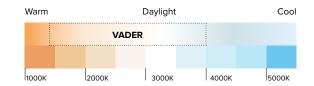
The warmest tone of the light emitted by Vader reaches 1800k. A light with a very warm tone that is capable of providing charm both in a historical artistic environment and in a landscape context.
The possibility to vary the colour temperature continuously makes it possible to choose the most suitable tone to enhance the context based on different types of materials.
Using the different compatible control systems (DALI Casambi, DMX) 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.

Warm   Daylight   Cool

VADER

1000K   2000K   3000K   4000K   5000K

Projectors

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.
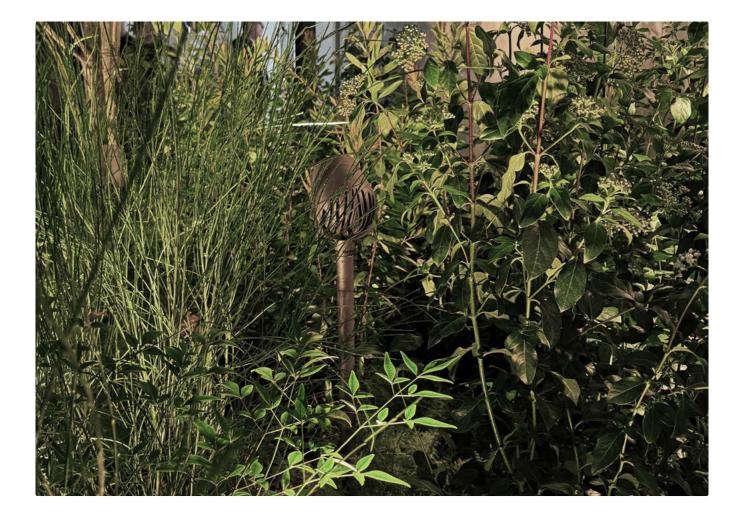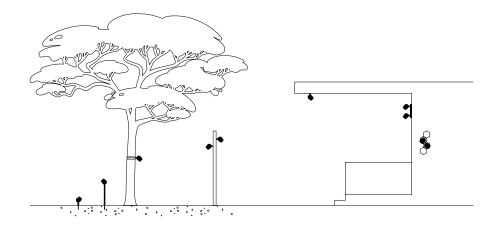
Extensive installation flexibility

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 picket, tree or pole
installation.

Different types of fixing systems are
available for surface, picket, tree or
pole installation.

Projectors

Blade of light filter
Makes it possible to ovalise the
beam. To be used with the narrowest
emission.

Asymmetrical snoot
A grid 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.
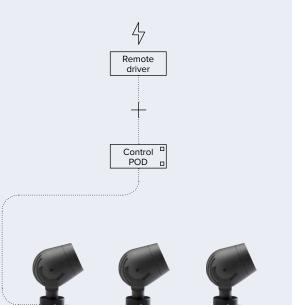
Snoot
A grid for glare control

Super snoot
A grid 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, 0-10V, 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.

Projectors can be controlled using a DALI bus, the Casambi app or a DMX system. It is possible to change the colour temperature and create light scenes with all protocols.

Low voltage power supply

Powered by low voltage, each projector must always be completed with a remote driver and a control pod. Multiple fixture configurations can be powered and controlled.

VADER
48Vdc | Ra90 | Fixture flux 3000K from 917lm to 926lm

◇ 🏷 2.15 IP66 IK09

Product	Version		Ra+K		Colour	
E012	**ZM**	SP-WFL 20°/41° - 15W	**TUW**	Tunable White	**FE**	⬤

Ø128 152

172 Ø97

1,5mt

Note	Related codes and accessory codes on page 445.

Related codes and accessories
VADER

Related codes
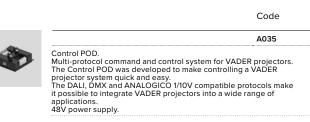
Power Supply

	Dimensions LxHxP mm	Power	IP	Code
	225x36x60	60W	IP20	**1T6917EL**
	240x49x60	130W	IP20	**1T6916EL**

P L H

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.
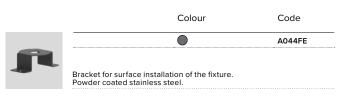
	Dimensions LxHxP mm	Power	IP	Code
	225x51x65	70W	IP67	**1E2320**
	225x51x65	150W	IP67	**1E2321**

P H 30 L

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 1/10V compatible protocols make it possible to integrate VADER projectors into a wide range of applications.
48V power supply.

Accessory codes

Bracket

	Colour	Code
	⬤	**A044FE**

Bracket for surface installation of the fixture.
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.

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 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.	

Outdoor

Related codes and accessories
VADER

Accessory codes

Screen

	Colour	Code
	●	**A038FE**

Cylindrical screen.
Powder coated aluminium.
Long version with prismatic glass.

Filter

	Colour	Code
	●	**A039FE**

Blade of light filter.
Refractive glass filter with blade of light effect.
Completed with powder coated aluminum alloy holder ring.

Connector

	Code			Code
	1E2494			**1E2493**

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Linear connection box IP68.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.

Tool

	Code
	1E3305
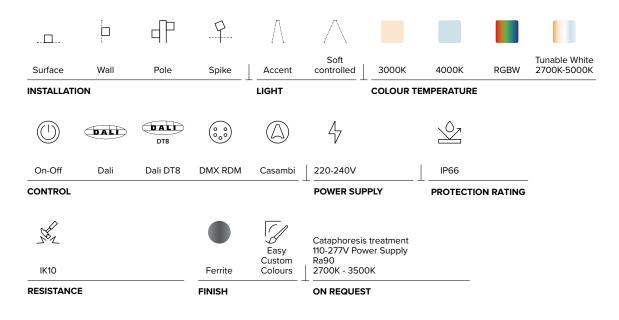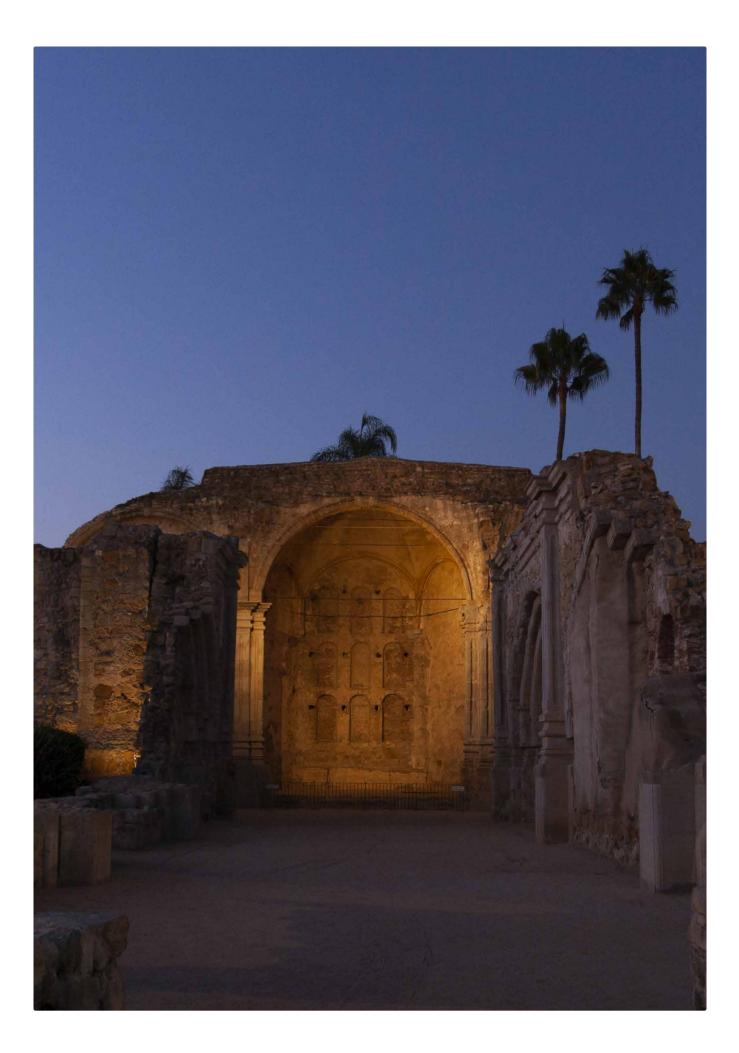
(Tightening) wrench for the connector kit.
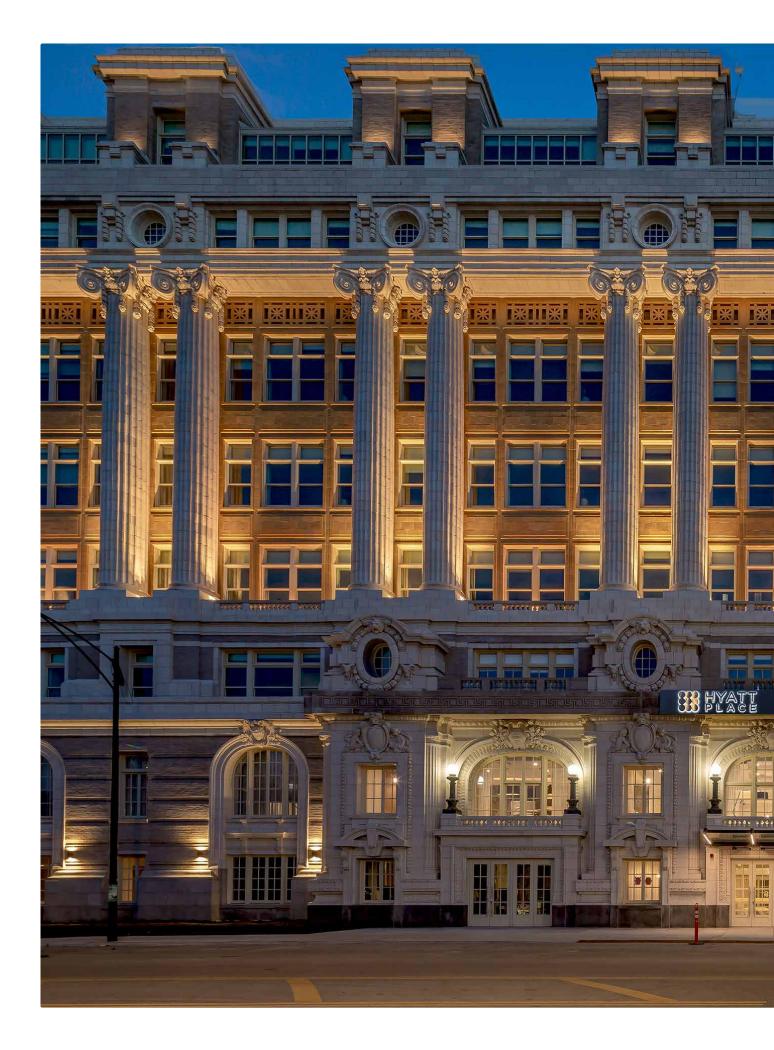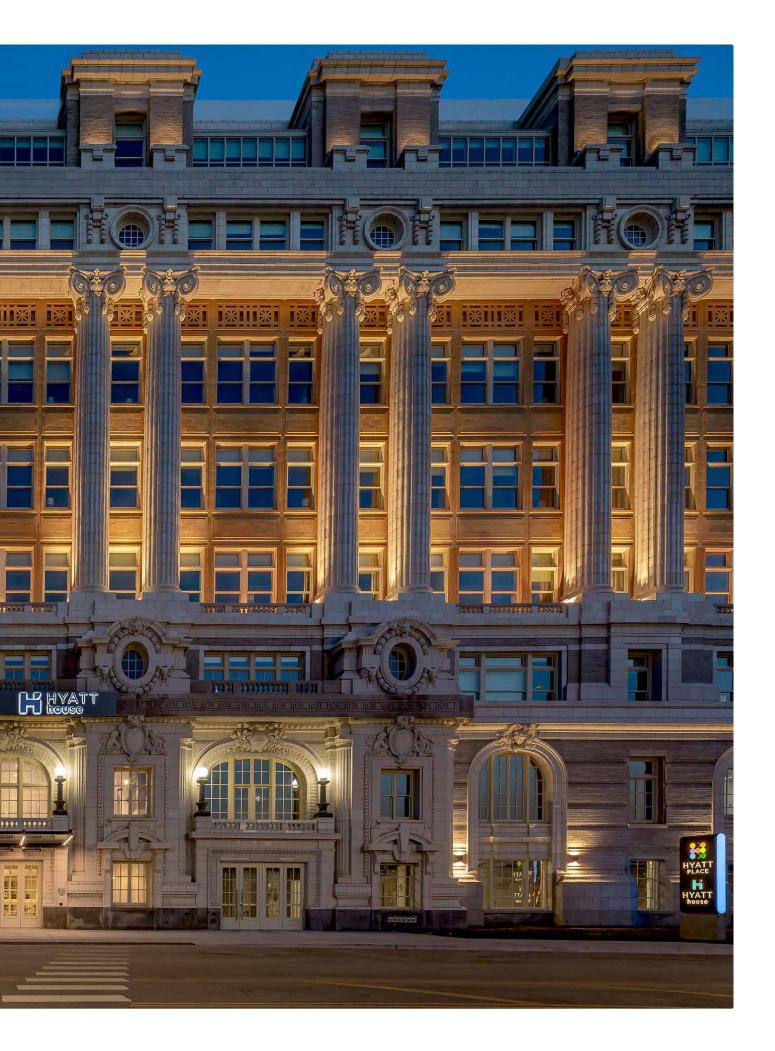
A range of projectors ideal for lighting architecture and landscapes. The different sizes and fluxes make it possible to light bigger gardens and architecture.

DART ROUND

Surface	Wall	Pole	Spike	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**	

IK10	Ferrite	Easy Custom Colours	Cataphoresis treatment 110-277V Power Supply Ra90 2700K - 3500K
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, has durable materials, attention
to thermal management which is essential for
the lifespan of the LED source, 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 with the source without any significant colour variance and 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.
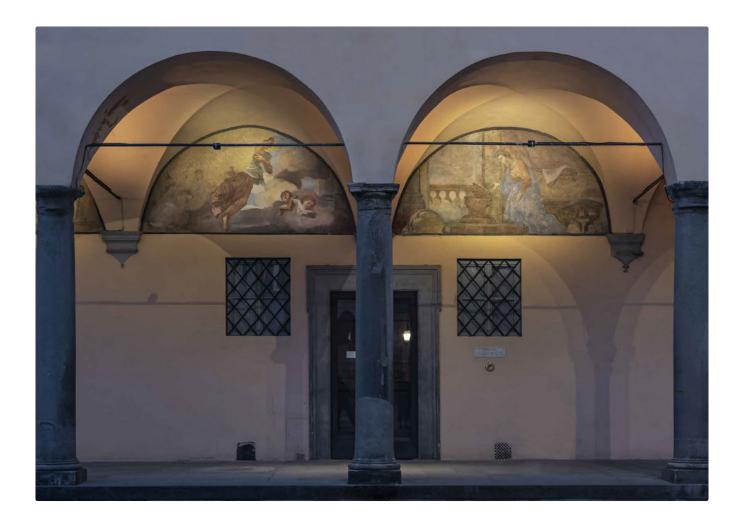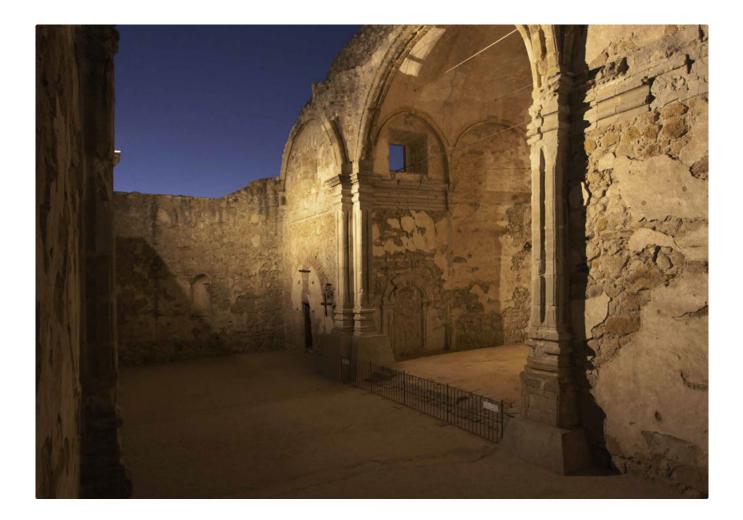
DART ROUND MAXI RGBW
Ø 235mm

DART ROUND SMALL RGBW
Ø 88mm

Projectors
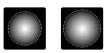
Narrow Spot Optic
The Narrow Spot Optic has a precise and controlled 5° beam opening created using a lens optical system, ideal for lighting monuments and architectural details with absolute uniformity and precision from great distances. It is suitable where installation appears to be complex and very 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.
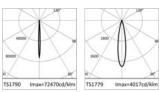
**Medium Wide Flood
and Wide Flood Optics**
They are suitable for lighting wide surfaces, building facades, trees and in any environment where soft yet controlled lighting is required.

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 6921lm
2700K - 3000K - 3800K - 4000K - 5000K
Ra80
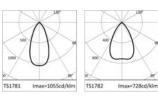
TS1790 Imax=72470cd/klm	TS1779 Imax=4017cd/klm	TS1780 Imax=2651cd/klm
NSP 5°	SP 19°	FL 27°
TS1781 Imax=1055cd/klm	TS1782 Imax=728cd/klm	
MWFL 46°	WFL 62°	
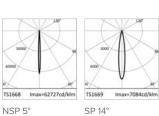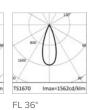
DART ROUND MEDIUM
Up to 128lm/W
From 518lm to 4247lm
2700K - 3000K - 3850K - 4000K - 5000K
Ra80

TS1668 Imax=62727cd/klm	TS1669 Imax=7084cd/klm	TS1670 Imax=1562cd/klm
NSP 5°	SP 14°	FL 36°
TS1671 Imax=1507cd/klm	TS1672 Imax=1109cd/klm	
MWFL 46°	WFL 56°	

DART ROUND SMALL
Up to 124lm/W
From 162lm to 1685lm
2700K - 3000K - 3850K - 4000K - 5000K
Ra80

TS1657 Imax=45818cd/klm	TS1658 Imax=7239cd/klm	TS1659 Imax=2157cd/klm
NSP 5°	SP 16°	FL 30°
TS1660 Imax=1299cd/klm		
MWFL 48°		

Anti-glare grid

Super snoot

Blade of light filter

Asymmetric screen

Aymmetric screen
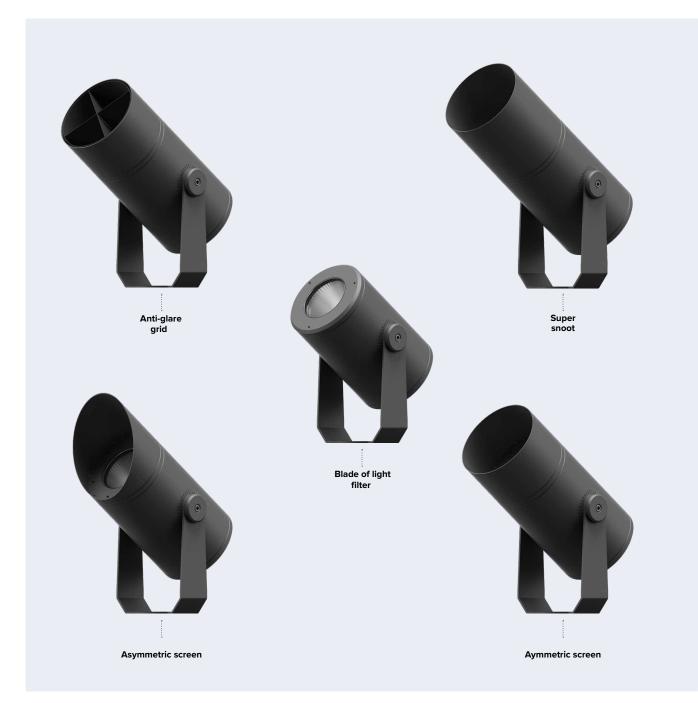
Optical accessories
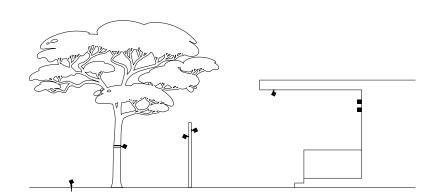
A vast range of optical accessories allows Dart Round to modify and customise the beam emission based on actual needs. The fixing points located on the sealing ring make it possible to attach the accessories externally avoiding the risk of infiltration.

Installation solutions
The fixing bracket allows the projector
to rotate on the horizontal plane
by +/-45° and by +90°/-45° 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.

±45°

Installation flexibility

The flexibility of the projectors in the range,
combined with the various installation
accessories, allow for multiple types of
installations.

DART Round Maxi
220-240Vac | Ra80 | Fixture flux 3000K from 1310lm to 6760lm
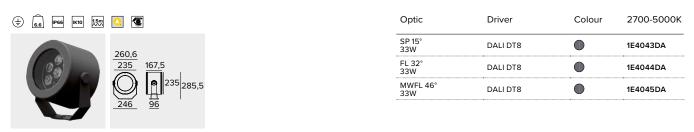
Optic	Driver	Colour	3000K	4000K
NSP 5° 17W	ON-OFF		**1E3992EL**	**1E3997EL**
	DALI		**1E3992DA**	**1E3997DA**
SP 19° 71W	ON-OFF		**1E3993EL**	**1E3998EL**
	DALI		**1E3993DA**	**1E3998DA**
FL 27° 71W	ON-OFF		**1E3994EL**	**1E3999EL**
	DALI		**1E3994DA**	**1E3999DA**
MWFL 46° 71W	ON-OFF		**1E3995EL**	**1E4000EL**
	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

◈ | 3.35 | IP66 | IK10 | 1.5m | ⚠

Optic	Power supply	Colour	2700-5000K
SP 14° 12W	700mA	⬤	**1E4040**
FL 29° 12W	700mA	⬤	**1E4041**
MWFL 40° 12W	700mA	⬤	**1E4042**

Note Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 463.
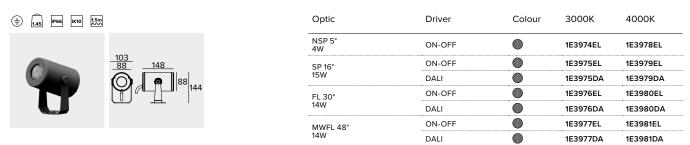
DART Round Medium RGBW
850mA | Fixture flux up to 1265lm | RGBW W=6500K

◈ | 3.35 | IP66 | IK10 | 1.5m | ⚠

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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
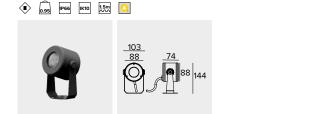
⊕ | 1.45 | IP66 | IK10 | 1.5m

Optic	Driver	Colour	3000K	4000K
NSP 5° 4W	ON-OFF	⬤	**1E3974EL**	**1E3978EL**
SP 16° 15W	ON-OFF	⬤	**1E3975EL**	**1E3979EL**
	DALI	⬤	**1E3975DA**	**1E3979DA**
FL 30° 14W	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

◈ | 0.95 | IP66 | IK10 | 1.5m | ⚠

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value 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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 463.

Related codes and accessories

Accessory codes

	DART Round Maxi	DART Round Medium NSP	DART Round Medium	DART Round Medium TW	DART Round Medium RGBW	DART Round Small
	1E4010	**1E4263**	**1E4006**	**1E4263**	**1E4263**	**1E4002**
Blade of light filter. PMMA holographic filter for a blade of light effect. Completed with powder coated aluminum alloy holder ring. Ferrite.						

Grid

	DART Round Maxi	DART Round Medium	DART Round Small
	1E4013	**1E4009**	**1E4005**
Anti-glare louver. Powder coated stainless steel. Ferrite. Not compatible with DART Round Medium NSP and DART Medium TW and RGBW			

Screens

	DART Round Maxi	DART Round Medium	DART Round Small
	1E4011	**1E4007**	**1E4003**
Asymmetric screen. Powder coated stainless steel. Ferrite.			

	DART Round Maxi	DART Round Medium	DART Round Small
	1E4012	**1E4008**	**1E4004**
Cylindrical screen. Powder coated stainless steel. Ferrite. Short version.			

	DART Round Maxi	DART Round Medium	DART Round Small
	1E4059	**1E4058**	**1E4057**
Cylindrical screen. Powder coated stainless steel. Ferrite. Long version.			

Accessory codes

Mounting System

	DART Round Maxi	DART Round Medium	DART Round Small
	1E3026	**1E3026**	**1E3015**

Plate for fixture rotation.
Powder coated stainless steel.
Ferrite.

	DART Round Maxi	DART Round Medium	DART Round Small
	1E3188	**1E3028**	**1E3016**
	Ø150 H352mm	Ø96 H182mm	Ø70 H182mm

Earthspike.
Powder coated stainless steel.

	DART Round Maxi	DART Round Medium
	1E2825	**1E2825**

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

	DART Round Maxi	DART Round Medium
	1E3097	**1E3027**

Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

	DART Round Maxi
	1E3187

Pole with base.
Powder coated stainless steel.

Related codes and accessories

Related 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 accessory codes

Connector

	Code
	1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

Tool

	Code
	1E3305

(Tightening) wrench for the connector kit.

Connector

	Code
	1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
Maggiori dettagli a pagina 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI
interface based on Casambi technology.
Maggiori dettagli a pagina 676.

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
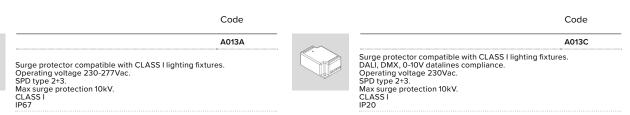
Related codes and accessories
DART Round TW and RGBW

Related codes

Power Supply DART Medium and Small Tunable White

	Code
	1E4056

Tunable White - DALI driver.
LxHxP=220x80x120mm, 110-277Vac.
IP68 gray powder coated aluminum box.

Power Supply DART Medium and Small RGBW

	Code
	1E3883

DMX 4 channel driver - 850mA.
LxHxP=220x80x120mm, 120-277Vac.
IP68 gray powder coated aluminum box.

Control systems

	Code
	1E2767

USB-RDM Programmer code.
Maggiori dettagli a pagina 682.

	Code
	1T1898

my-SCENARIO Show Store.
Maggiori dettagli a pagina 682.

	Code
	1T6499

myScenario Wall.
Maggiori dettagli a pagina 682.
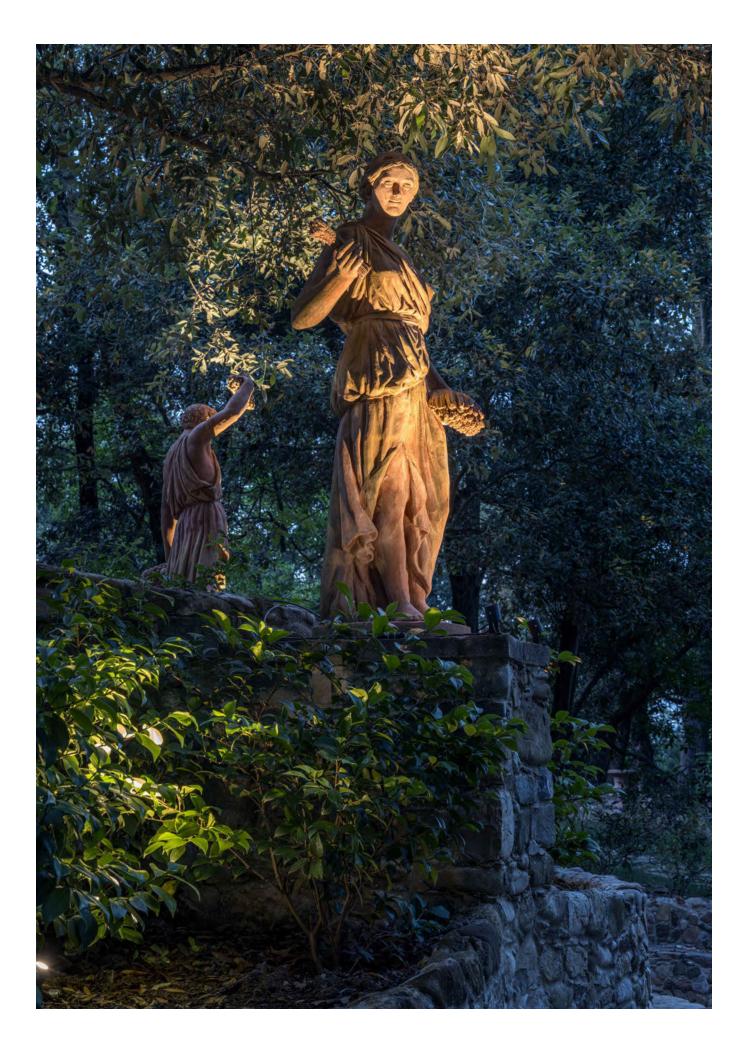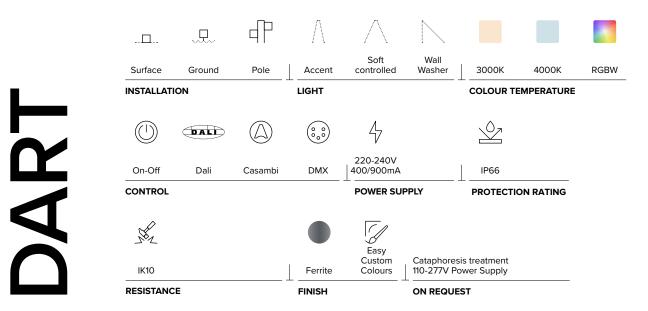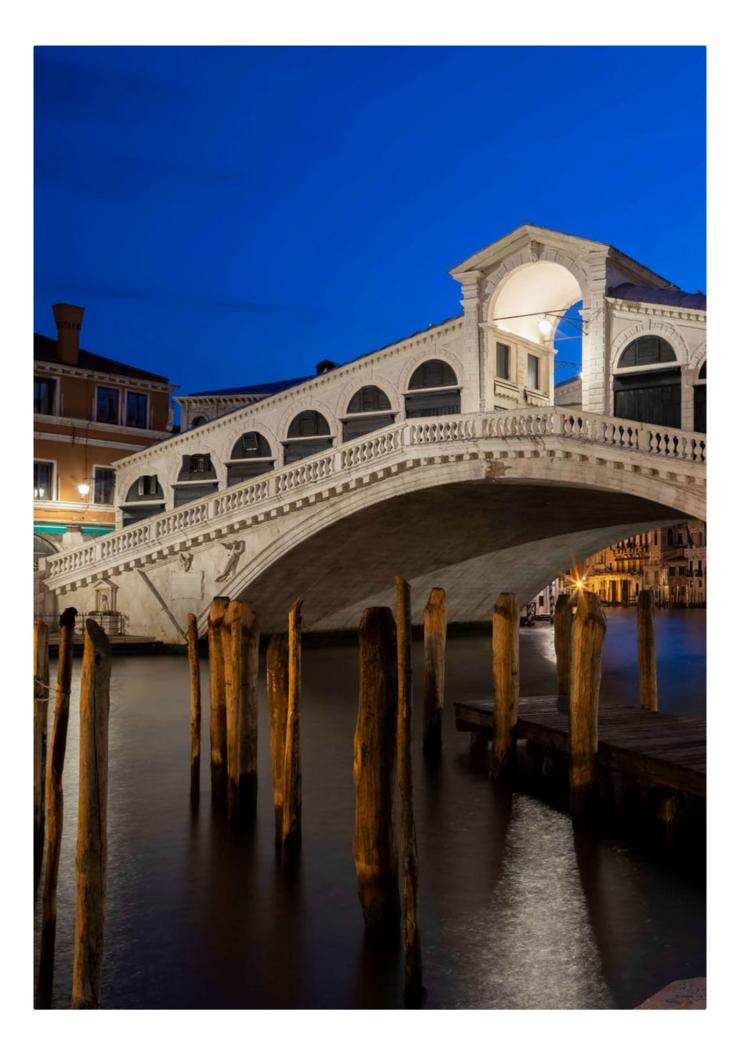
Dart is a range of fixtures for outdoor architectural lighting with a compact and essential design, high performance and a wide range of optics. Available with Monochromatic, RGBW colour-changing LED sources with DMX control.

DART

Surface	Ground	Pole	Accent	Soft controlled	Wall Washer	3000K	4000K	RGBW
INSTALLATION			**LIGHT**			**COLOUR TEMPERATURE**		

On-Off	Dali	Casambi	DMX	220-240V 400/900mA	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.

470

DART MEDIUM
135mm
From 16W to 33W

NSP   lenses
SP   lenses
FL   Hybrid
MWFL   Reflector
WFL   Reflector

The DART range, available in three different sizes, is characterised by durable materials, attention to thermal management which is indispensable for the lifespan of LED sources, a wide 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 33W to 63W

NSP	Indirect
SP	Hybrid
FL	Hybrid
MWFL	Reflector
WFL	Reflector

DART SMALL
75mm
From 2.7W to 12W

NSP	Lenses
SP	Lenses
FL	Lenses
MWFL	Reflector

Projectors

NSP indirect optic
The NSP optic only the Maxi version is fitted with works by reflection and guarantees a clear and precise beam. The source is hidden from view and facing the parabolic reflector which collimates the beams and emits a particularly 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
he optic with lenses available for Dart Small and Dart Medium make it possible to obtain clean, well-defined beams with fall-off reduced to a minimum.

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.
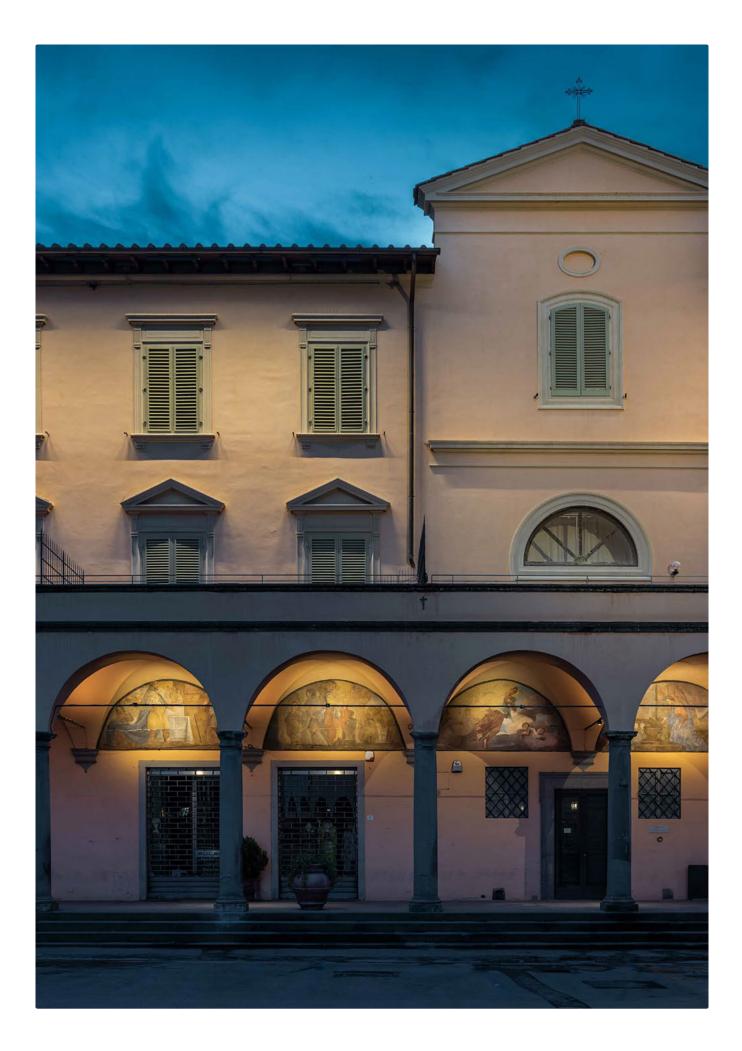
Dart Maxi: Medium Wide Flood,Wide Flood
Dart Medium: Medium Wide Flood,Wide Flood
Dart Medium RGBW: Spot, Flood, Medium Wide Flood, Wide Flood
Dart Small: Medium Wide Flood
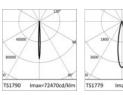
Asymmetric optic
Dart Medium and Dart Maxi include asymmetric optics in the range which allow large surfaces to be lit uniformly. With this type of optic it is possible to create uniform effects on vertical surfaces, vaulted ceilings and pedestrian paths with a distance of approximately 4/5 metres between one fixture and another.
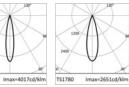
DART MAXI
Up to 110lm/W
From 1760lm to 7593lm
3000K - 4000K
Ra80
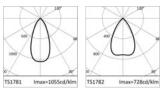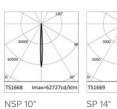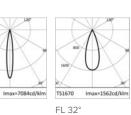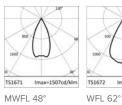
TS1790 Imax=72470cd/klm	TS1779 Imax=4017cd/klm	TS1780 Imax=2651cd/klm
NSP 8°	SP 20°	FL 28°
TS1781 Imax=1055cd/klm	TS1782 Imax=728cd/klm	TS1499 Imax=891cd/klm
MWFL 43°	WFL 59°	ASY 40°x70°

DART MEDIUM
Up to 129lm/W
From 1795lm to 4269lm
3000K - 4000K
Ra80

TS1668 Imax=62727cd/klm	TS1669 Imax=7084cd/klm	TS1670 Imax=1562cd/klm
NSP 10°	SP 14°	FL 32°
TS1671 Imax=1507cd/klm	TS1672 Imax=1109cd/klm	TS1504 Imax=504cd/klm
MWFL 48°	WFL 62°	ASY 51°x83°

DART SMALL
Up to 125lm/W
From 147lm to 1705lm
3000K - 4000K
Ra80

TS1657 Imax=45818cd/klm	TS1658 Imax=7239cd/klm	TS1659 Imax=2157cd/klm
NSP 9°	SP 17°	FL 32°
TS1660 Imax=1299cd/klm		
MWFL 46°		
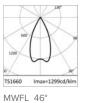
Optics	NSP	SP	FL	MWFL	WFL	Asym
Maxi	●	●	●	●	●	
Medium	●	●	●	●	●	●
Medium RGB		●	●	●		
Small	●	●	●	●		

Projectors

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
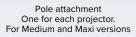
Earth spike
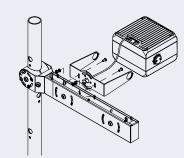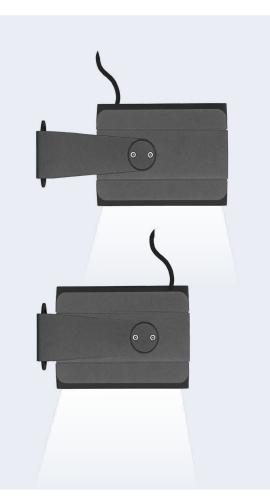
Multiple pole mounting for up to 4 fixtures
(to be completed with a pole attachment, one for each projector)
For Medium and Maxi versions

Pole attachment
One for each projector.
For Medium and Maxi versions
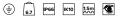
All projectors are designed for rotation with an offset centre
to bring the body of the fixture closer or further away
from the support surface and choose the distance of the output cable.

The graduated scale allows for precise and replicable aiming.

477

DART Maxi
220-240Vac | Ra80 | Fixture flux 3000K from 1760lm to 7416lm
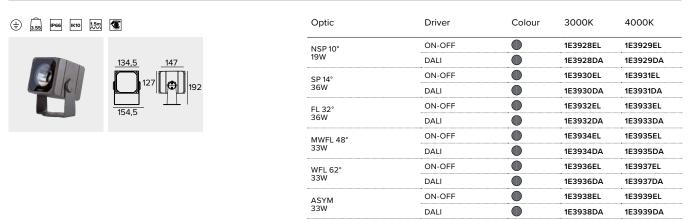
Optic	Driver	Colour	3000K	4000K
NSP 8° 24W	ON-OFF	●	**1E3942EL**	1E3943EL
	DALI	●	**1E3942DA**	1E3943DA
SP 20° 69W	ON-OFF	●	**1E3956EL**	1E3957EL
	DALI	●	**1E3956DA**	1E3957DA
FL 28° 69W	ON-OFF	●	**1E3958EL**	1E3959EL
	DALI	●	**1E3958DA**	1E3959DA
MWFL 43° 69W	ON-OFF	●	**1E3960EL**	1E3961EL
	DALI	●	**1E3960DA**	1E3961DA
WFL 59° 69W	ON-OFF	●	**1E3962EL**	1E3963EL
	DALI	●	**1E3962DA**	1E3963DA
ASYM 69W	ON-OFF	●	**1E3964EL**	1E3965EL
	DALI	●	**1E3964DA**	1E3965DA

Note 1 (1E2769) connector necessary for electronic and DALI versions.
Related codes and accessory codes on page 480.

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
ASYM 33W	ON-OFF	●	**1E3938EL**	1E3939EL
	DALI	●	**1E3938DA**	1E3939DA

Note 1 (1E2769) connector necessary for electronic and DALI versions.
Related codes and accessory codes on page 480.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 480.

DART Small Integrated driver
220-240Vac | Ra80 | Fixture flux 3000K from 147lm to 1494lm

☐ | 🔔 1.04 | IP66 | IK10 | 1.5m

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**

76 | 102
69 | 104
88

Note   1 (1E2769) connector necessary for electronic versions.
Related codes and accessory codes on page 480.

DART Small Remote driver
Ra80 | Fixture flux 3000K from 147lm to 1691lm

◈ | 🔔 0.72 | IP66 | IK10 | 1.5m | 🔶

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**

76 | 71
69 | 104,5
88

Note   Related codes and accessory codes on page 480.

Related codes and accessories

Accessory codes

Filter

	DART Maxi	DART medium	DART Small
	1E3094	1E3023	1E3012

Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.

Holder Ring

	DART Maxi	DART medium	DART Small
	1E3093	1E3022	1E3011

Holder ring.
Powder coated stainless steel.

Grid

	DART Maxi	DART medium	DART Small
	1E3096	1E3025	1E3014

Anti-glare louver.
The central elements may be removed to obtain two different levels of glare control.
Powder coated stainless steel.
Ferrite/matte black.

Screen

	DART Maxi	DART medium	DART Small
	1E3095	1E3024	1E3013

Asymmetric screen.
Powder coated stainless steel.
Ferrite.

Mounting Systems

	Code
	1E3026

Plate for fixture rotation.
Powder coated stainless steel.
Ferrite.

Dimensions ØxH mm	Colour	Code
96x182	●	1E3028
150x352	●	1E3188

Earthspike.
Powder coated stainless steel.

	Code
	1E2825

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

	Code
	1E3187

Pole with base.
Powder coated stainless steel.
Only for DART Maxi

	DART Maxi	DART medium
	1E3097	1E3027

Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

Related codes and accessories

Power Supply DART Small

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 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.

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
Maggiori dettagli a pagina 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
Maggiori dettagli a pagina 676.

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

Projectors

Related codes and accessories

DART Medium RGBW

Related codes

Power Supply

	Code
	1E3883

DMX 4 channel driver - 850mA.
LxHxP=220x80x120mm, 120-277Vac.
IP68 gray powder coated aluminum box.

Control systems

	Code			Code
	1E2767			**1T1898**

USB-RDM Programmer code.
Maggiori dettagli a pagina 682.

my-SCENARIO Show Store.
Maggiori dettagli a pagina 682.

	Code
	1T6499

myScenario Wall.
Maggiori dettagli a pagina 682.

JUPITER PROJECTOR
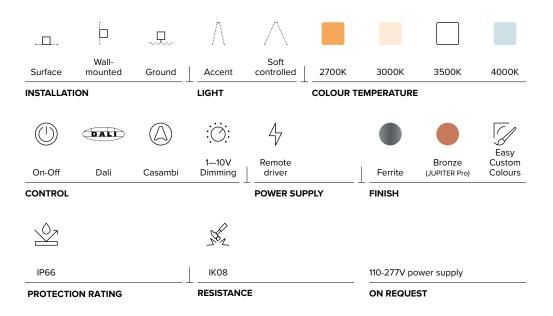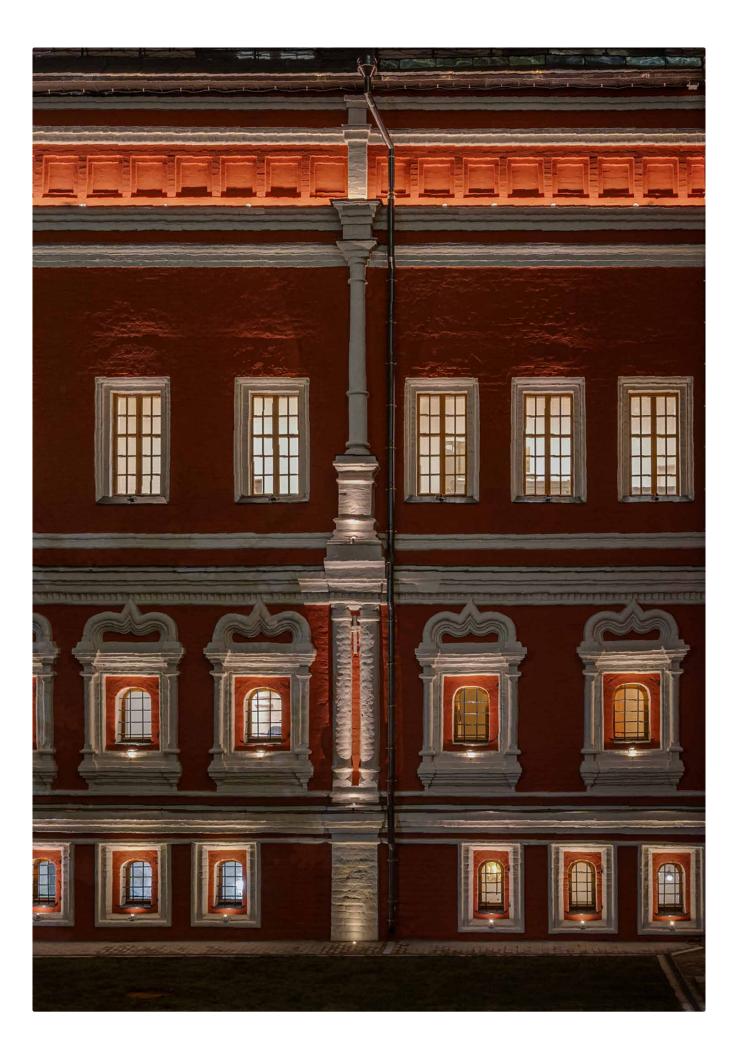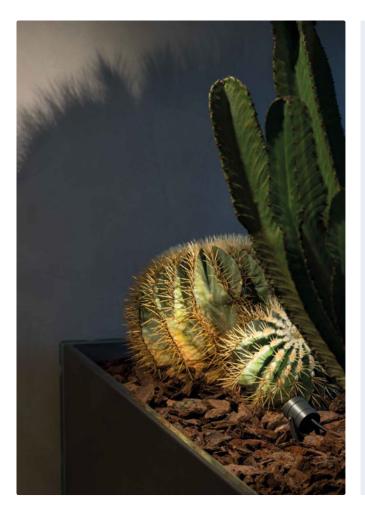
Outdoor Jupiter projectors are high performance and extremely compact. They are available in two different versions: Jupiter Mini, for decorative and scenographic lighting and Jupiter Pro that is suitable for landscape and professional architectural lighting.

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)	Easy Custom Colours
CONTROL				**POWER SUPPLY**	**FINISH**		

IP66	IK08	110-277V power supply
PROTECTION RATING	**RESISTANCE**	**ON REQUEST**

Projectors

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.
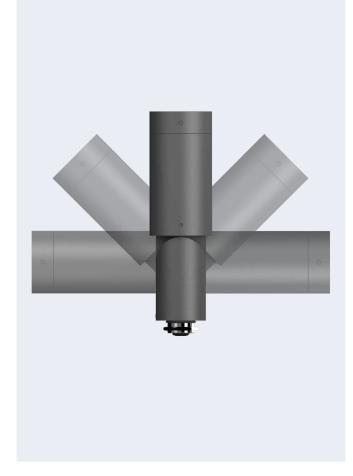
Jupiter Pro
This is the most "professional" version in the range available with two different diameters - Ø40 and Ø50 - with fixed or mult-optics to easily change the beam width according to needs from Spot to Medium wide Flood.

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.

SP 15°   FL 24°   FL 31°   MWFL 44°
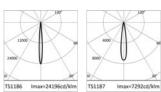
Multi-optic versions
One of the primary features of Jupiter
Pro is the possibility to change the
beam opening of the Multi-optic
version. Without changing the IP
rating it is possible to change the
holographic filter inside the optical
compartment to obtain different
beam width openings. The product 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.
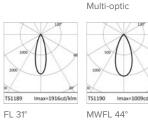
JUPITER PRO
Up to 77lm/W
From 362lm to 918lm
2700K - 3000K - 3500K - 4000K
Ra80 - Ra90
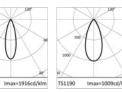
TS1186 Imax=24196cd/klm	TS1187 Imax=7292cd/klm	TS1188 Imax=2883cd/klm
NSP 8°	SP 15° Multi-optic	FL 24° Multi-optic

TS1189 Imax=1916cd/klm	TS1190 Imax=1009cd/klm
FL 31° Multi-optic	MWFL 44° Multi-optic

JUPITER PRO SMALL
Up to 61lm/W
From 276lm to 473lm
2700K - 3000K - 3500K - 4000K
Ra80 - Ra90
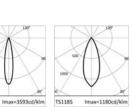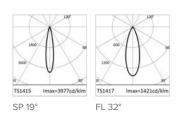
TS1183 Imax=14505cd/klm	TS1184 Imax=3593cd/klm	TS1185 Imax=1180cd/klm
SP 11° Multi-optic	FL 20° Multi-optic	MWFL 37° Multi-optic

JUPITER MINI
 Up to 40lm/W
From 93lm to 108lm
3000K - 4000K
Ra90

TS1415 Imax=3977cd/klm	TS1417 Imax=1421cd/klm
SP 19°	FL 32°
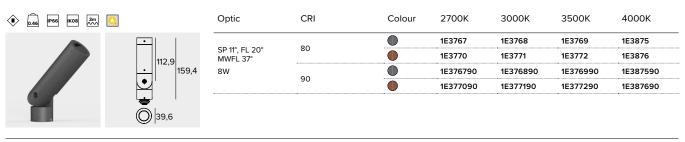
JUPITER PRO
24Vdc | Ra80 - Ra90 | Fixture flux 3000K from 394lm to 858lm

Optic	CRI	Colour	2700K	3000K	3500K	4000K
NSP 8°	80	●	1E3773	1E3774	1E3775	1E3877
8W	80	●	1E3776	1E3777	1E3778	1E3878
	90	●	1E377390	1E377490	1E377590	1E387790
	90	●	1E377690	1E377790	1E377890	1E387890
SP 15°, FL 24°, FL 31°,	80	●	1E3779	1E3780	1E3781	1E3879
MWFL 44°	80	●	1E3782	1E3783	1E3784	1E3880
12W	90	●	1E377990	1E378090	1E378190	1E387990
	90	●	1E378290	1E378390	1E378490	1E388090

Note   Related codes and accessory codes on page 490.

JUPITER PRO Small
24Vdc | Ra80 - Ra90 | Fixture flux 3000K from 300lm to 442lm

Optic	CRI	Colour	2700K	3000K	3500K	4000K
SP 11°, FL 20°	80	●	1E3767	1E3768	1E3769	1E3875
MWFL 37°	80	●	1E3770	1E3771	1E3772	1E3876
8W	90	●	1E376790	1E376890	1E376990	1E387590
	90	●	1E377090	1E377190	1E377290	1E387690

Note   Related codes and accessory codes on page 491.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 492.

Related codes and accessories
JUPITER PRO

Related codes

Mounting System
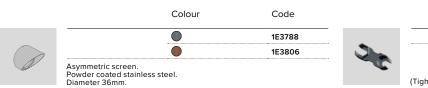
	Ø mm	H mm	Colour	Code
	50	232	●	1E3785
	50	232	●	1E3803

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		Grid	

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.
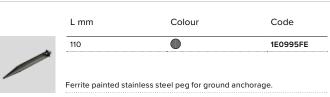
Related codes and accessories
JUPITER Mini Projector

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 1.5mm².
Cable diameter range from 7 to 12mm.

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
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 676.

Code
1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

Projectors

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	Accent / Soft controlled	3000K / 4000K
INSTALLATION	**LIGHT**	**COLOUR TEMPERATURE**

On-Off	220-240V	IP66 IP67	IK10
CONTROL	**POWER SUPPLY**	**PROTECTION RATING**	**RESISTANCE**

Ferrite / Easy Custom Colours	110-277V Power Supply (Nano Pyros) Cataphoresis treatment
FINISH	**ON REQUEST**

NANO PYROS
220-240Vac | Ra80 | Fixture flux 3000K from 1729lm to 2663lm

| | □ | 1.9 | IP67 | IK10 | 1.5m | ⚡ |

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

215 107
125 164
42
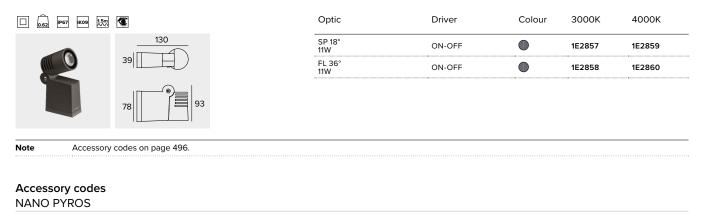
Note Accessory codes on page 495.

PICO PYROS
220-240Vac | Ra80 | Fixture flux 3000K from 361lm to 408lm

| | □ | 0.62 | IP67 | IK09 | 1.5m | ⚡ |

Optic	Driver	Colour	3000K	4000K
SP 18° 11W	ON-OFF	⬤	**1E2857**	1E2859
FL 36° 11W	ON-OFF	⬤	**1E2858**	1E2860

130
39
78 93

Note Accessory codes on page 496.

Accessory codes
NANO PYROS

Filter

Kg	Ø mm	Code
0.25	107	**1E2853**

"Blade of light" effect refractive filter.
The special linear incisions modify the light beam, enlarging it in a perpendicular direction to the incisions.
With very narrow beams it is possible to obtain precise "blades" of light.
Complete with ring.

Kg	Ø mm	Code
0.25	107	**1E2854**

"Soft beam" effect refractive filter.
The special linear incisions reduce the variance between the primary and secondary light beam, making it more uniform.
Complete with ring.

Grid

Code
1E2766

Anti-glare louver.
Black painted metal honeycomb structure.
Designed to be housed inside the fixture.

Screen

Code
1E2855

Adjustable stainless steel asymmetric screen with 8 positions and 2 mounting screws.
Permits the shielding of the light beam with wide beam optics.
0.7Kg.

Ray Shade

Code
1E2856

Stainless steel barn door with fixed flaps, adjustable to 4 positions with 2 mounting screws.
0.26Kg.

Mounting System

Kg	L mm	Code
0.5	200	**1E2845**
1.3	800	**1E2846**

Earthspike.

Kg	L mm	Code
0.5	232	**1E2847**
6.5	832	**1E2848**

Spike with base for surface installation.
1E2847 - Short peg with base for surface mounting.
1E2848 - Long peg with base for surface mounting.

Accessory codes
PYROS | Codes compatible with the whole range

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.

Surge protector
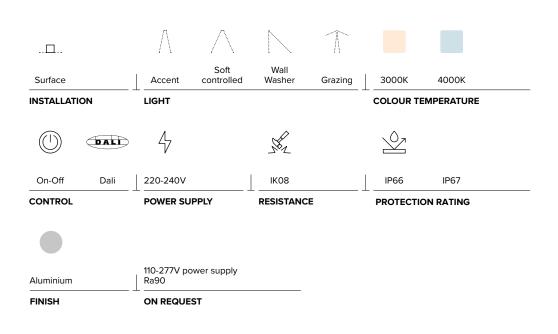
	Code
	A013B
	Surge protector compatible with CLASS II lighting fixtures and electronic drivers. Operating voltage 220-240Vac. SPD type 2+3. Max surge protection 10kV. CLASS II IP67

JEDI PROJECTOR
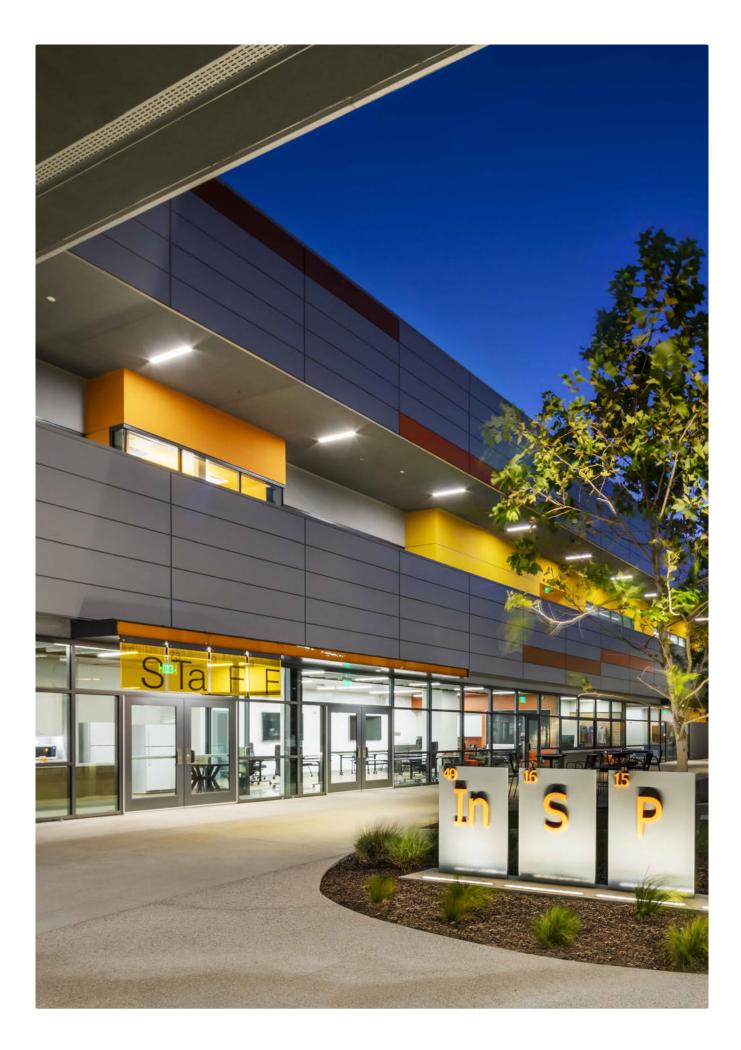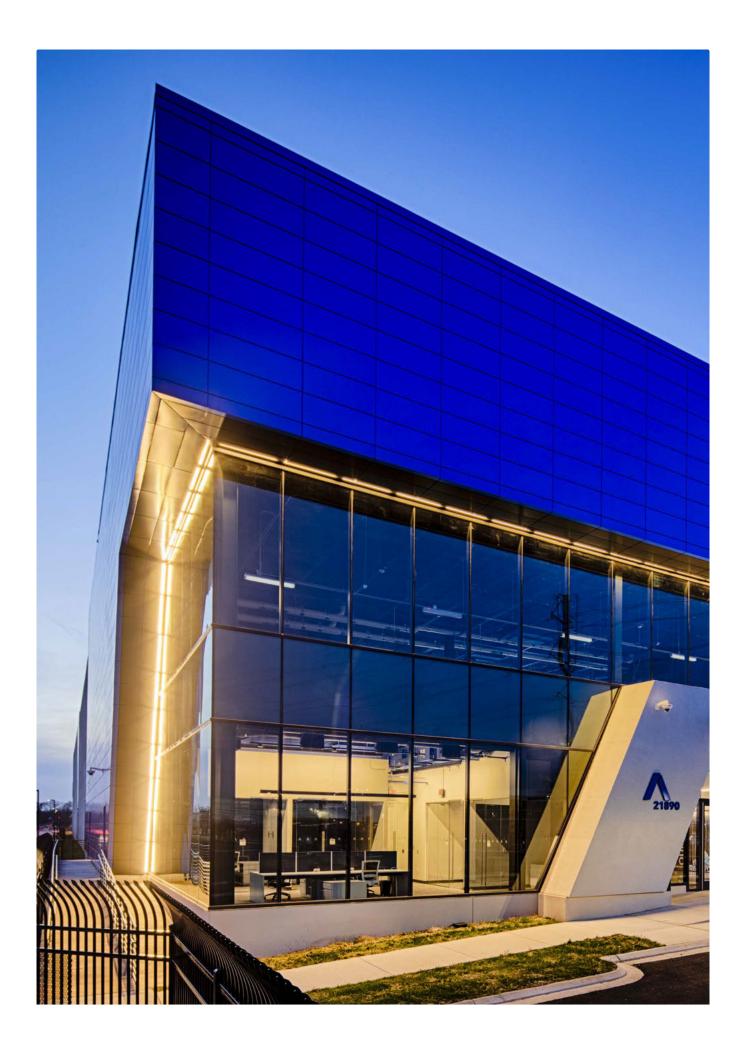
Jedi is an extremely sturdy, high performance, outdoor linear projector. The various lighting effects, installation flexibility, three different lengths and the ability to blend easily into the architecture, make it an indispensable tool for lighting wide surfaces.
Available in a projector or a recessed inground version with white or RGBW LED sources.

Surface	Accent	Soft controlled	Wall Washer	Grazing	3000K 4000K
INSTALLATION	**LIGHT**				**COLOUR TEMPERATURE**

On-Off Dali	220-240V	IK08	IP66 IP67
CONTROL	**POWER SUPPLY**	**RESISTANCE**	**PROTECTION RATING**

Aluminium	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.

1200mm

900mm

600mm
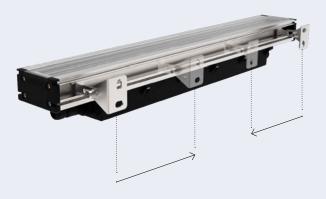
Rapid connection
The body is perfectly sealed and the external electrical connection is with IP68 connectors for rapid Plug & Light installation.
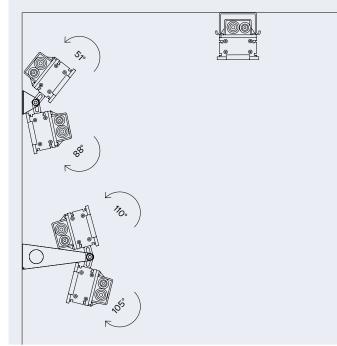
Installation flexibility
For installations on horizontal and vertical surfaces JEDI must be accessorised with adjustable brackets that are available in two different lengths. The great advantage of JEDI is the possibility of sliding the brackets along the body without any constraints so there are no limitations when installing on facades or under eaves.
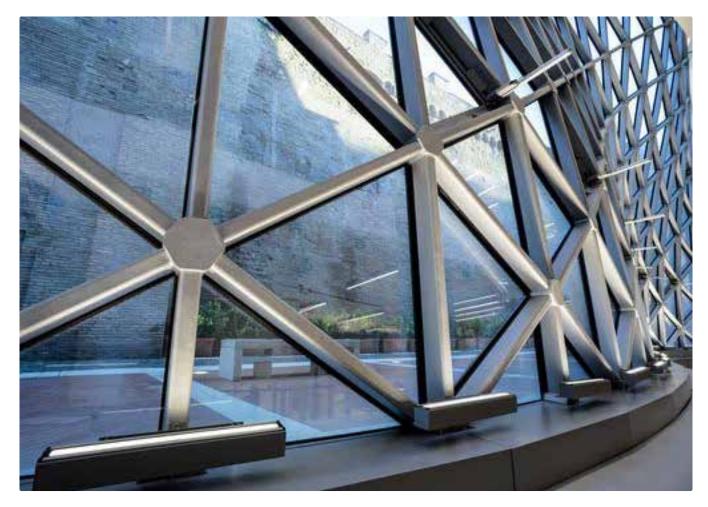
Wide adjustability
Thanks to the special fixing brackets JEDI Compact can be ceiling or wall-mounted both fixed and adjustable. The adjustable brackets are available in two different lengths and allow for wide rotation with aim locking using an Allen key for maximum reliability in the installation phase

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.
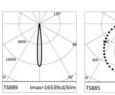
LIGHTING EFFECTS
There are four different lighting
effects:
Grazing – Grazing light
Wall washer – Soft and uniform
lighting of vertical or horizontal planes
Spot – Accent light for precise and
focused effects
Flood – Soft controlled light for
localised effects

JEDI PROJECTOR
Up to 117lm/W
From 1560lm to 6216lm
3000K - 4000K
Ra80
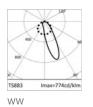
TS889   Imax=16539cd/klm

SP 10°

TS885   Imax=699cd/klm

FL 32° - 85°

TS887   Imax=1601cd/klm

GR 15° - 76°

TS883   Imax=774cd/klm

WW

*** The photometries shown in the
table refer to LED 3000K**

504

JEDI Projector | L. 1216mm
220-240Vac | Ra80 | Fixture flux 3000K from 3120lm to 5922lm

IP66 IP67 IK08

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**

81   1216
82

Note   Related codes and accessory codes on page 507.

JEDI Projector | L. 916mm
220-240Vac | Ra80 | Fixture flux 3000K from 2341lm to 4441lm

IP66 IP67 IK08

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**

81   916
82

Note   Related codes and accessory codes on page 507.

JEDI Projector | L. 616mm
220-240Vac | Ra80 | Fixture flux 3000K from 1560lm to 2961lm

IP66 IP67 IK08

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**

81   616
82

Note   Related codes and accessory codes on page 507.

JEDI Projector RGBW | L. 1216mm
220-240Vac | Fixture flux up to 2838lm | RGBW W=3000K

Optic	Driver	Colour	RGBW
FL 55W	DMX RDM	⬭	**1E4255**
GRZ 55W	DMX RDM	⬭	**1E4256**
WW 55W	DMX RDM	⬭	**1E4257**

81   1216
82

Note   Related codes and accessory codes on page 507.

JEDI Projector RGBW | L. 916mm
220-240Vac | Fixture flux up to 2129lm | RGBW W=3000K

Optic	Driver	Colour	RGBW
FL 41W	DMX RDM	⬭	**1E4252**
GRZ 41W	DMX RDM	⬭	**1E4253**
WW 41W	DMX RDM	⬭	**1E4254**

81   916
82

Note   Related codes and accessory codes on page 507.

JEDI Projector RGBW | L. 616mm
220-240Vac | Fixture flux up to 1419lm | RGBW W=3000K

Optic	Driver	Colour	RGBW
FL 28W	DMX RDM	⬭	**1E4249**
GRZ 28W	DMX RDM	⬭	**1E4250**
WW 28W	DMX RDM	⬭	**1E4251**

81   616
82

Note   Related codes and accessory codes on page 507.

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 electronic and DALI version.
1E2762 - For in line adjacent connection of one 600mm projector with one 900mm projector.
1E2763 - For in line adjacent connection of one 600mm projector with one 1200mm projector or two 900mm projectors.
1E2764 - For in line adjacent connection of one 900mm projector with one 1200mm projector.
1E2765 - For in line adjacent connection of two 1200mm projectors.

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
More details on page 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

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
	1E2767

USB-RDM Programmer code.
More details on page 682.

	Code
	1T1898

my-SCENARIO Show Store.
More details on page 682.

	Code
	1T6499

myScenario Wall.
More details on page 682.

Related codes and accessories
JEDI | Codes compatible with the whole range

Related codes

Mounting System

	Code
	1E2752

Short bracket for wall installation (2 pieces).

	Code
	1E2753

Long bracket for wall installation (2 pieces).

	Code
	1E2754

Bracket for ceiling installation (2 pieces).

Accessory codes

End Caps

	Code
	1E2761

End cap with bracket for ceiling installation included.
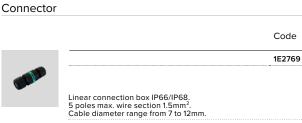
Cover Panel

L mm	Code
616	**1E3045**
916	**1E3046**
1216	**1E3047**

Side cover for ceiling installation.

L mm	Code
616	**1E2755**
916	**1E2756**
1216	**1E2757**

Side cover for wall/cornice installation.

L mm	Code
616	**1E2758**
916	**1E2759**
1216	**1E2760**

Anti-glare side cover.
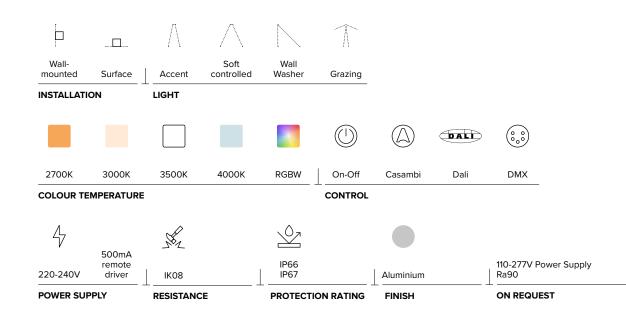
Connector

	Code
	1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
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.

1200 mm

900 mm

600 mm

300 mm
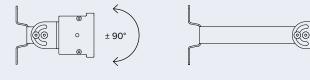
The Jedi Compact range is available with different colour temperatures and a RGBW version, but on request it is possible to also have Tunable White LED sources or other personalised colour temperatures.

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.
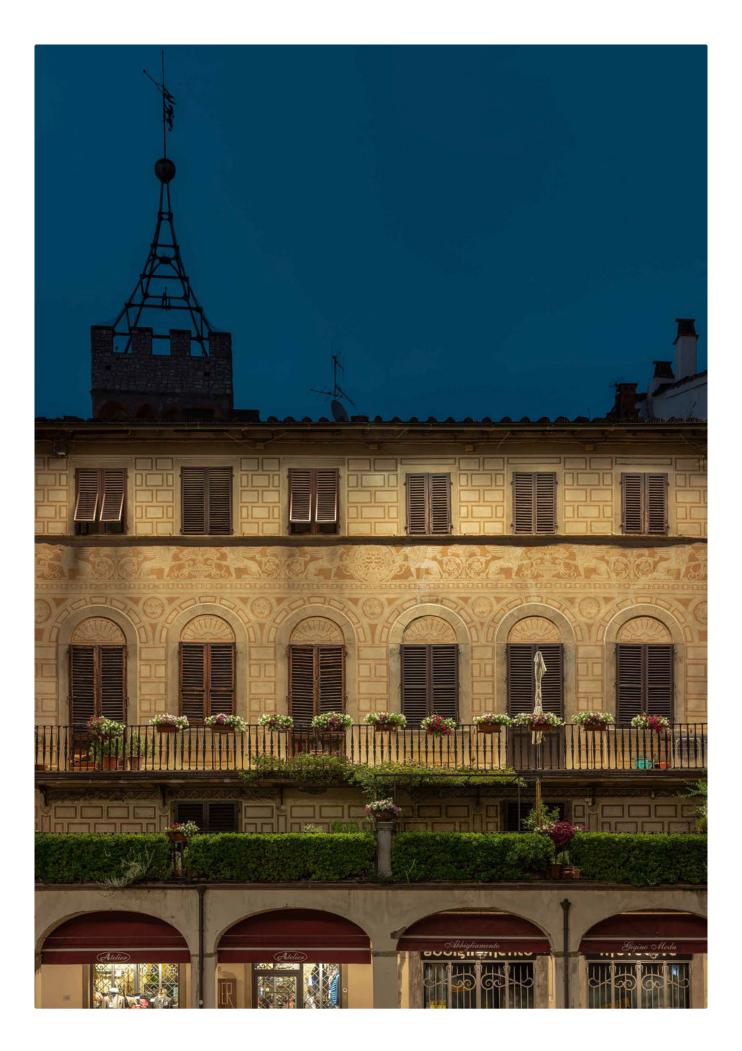
Wide adjustability
Thanks to the special fixing brackets available in two different sizes, it is possible to adjust Jedi Compact Outdoor from -90° to + 90° and to block the aim with an Allen key for maximum reliability during installation.
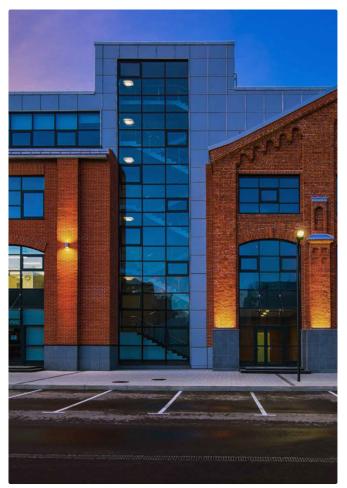
± 90°

± 90°
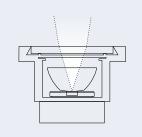
Two bodies to choose from depending on installation characteristics:
with a remote driver when you need a compact profile and with limited installation depth; with an integrated driver when the priority is connection ease.

512

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**
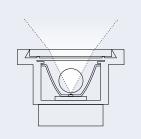
Hybrid optic
The patented hybrid optical system is composed of a linear LED card with a cylindrical glass primary lens combined with a high reflectance anodized aluminium reflector with a holographic filter that softens its emission. With this optical system it is possible to obtain the following effects:
• **Flood**
• **Grazing**
• **Wall washer**
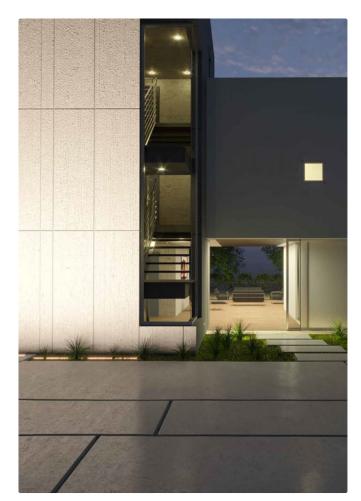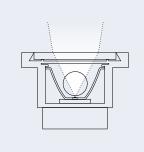
Spot – Accent light for precise and focused effects

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
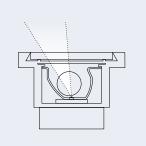
Wall washer – Soft and uniform lighting of vertical or horizontal planes

JEDI COMPACT PROJECTOR
Up to 125lm/W
From 706lm to 5983lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1340   Imax=12736cd/klm

TS1087   Imax=508cd/klm

TS1089   Imax=1601cd/klm
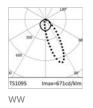
SP 11°   FL 32° - 85°   Grazing 15° - 76°

TS1095   Imax=671cd/klm

WW

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.
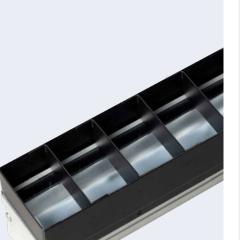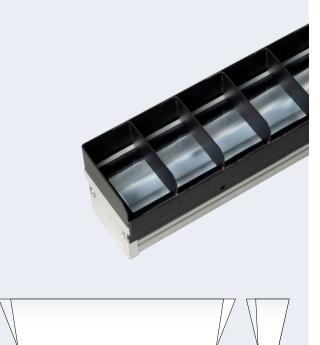
Asymmetrical anti-glare grid
Available as an accessory to limit transversal glare. Particularly suitable for Grazing and Wall Washer optical systems.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 525.

JEDI COMPACT Outdoor Projector | Remote driver | L. 873,5mm
500mA | Ra80 | Fixture flux 3000K from 3856lm to 4288lm
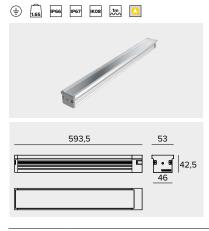
Optic	Colour	2700K	3000K	3500K	4000K
SP 35W	⬤	1E3815	1E3816	1E3817	1E3818
FL 36W	⬤	1E3244	1E3245	1E3246	1E3247
GRZ 36W	⬤	1E3248	1E3249	1E3250	1E3251
WW 36W	⬤	1E3252	1E3253	1E3254	1E3255

Note Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 525.

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 relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 525.

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

312,5   53   42,5   46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 525.

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

1153,5   53   42,5   46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 525.

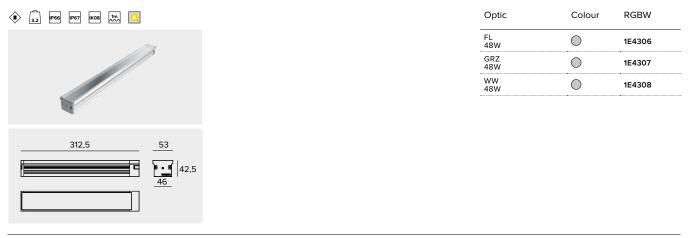## JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 873,5mm
500mA | Ra80 | Fixture flux 3000K from 2255lm to 2926lm
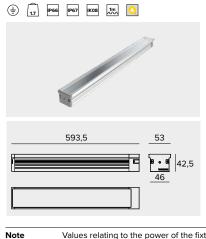
Optic	Colour	2700K	3000K	3500K	4000K
FL 36W	⬤	1E3331	1E3332	1E3333	1E3334
GRZ 36W	⬤	1E3335	1E3336	1E3337	1E3338
WW 36W	⬤	1E3339	1E3340	1E3341	1E3342

873,5   53   42,5   46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 525.

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

593,5 | 53 | 42,5 | 46

Note — Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 525.

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

312,5 | 53 | 42,5 | 46

Note — Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver. Related codes and accessory codes on page 525.
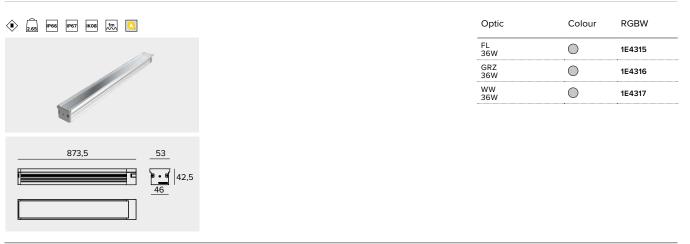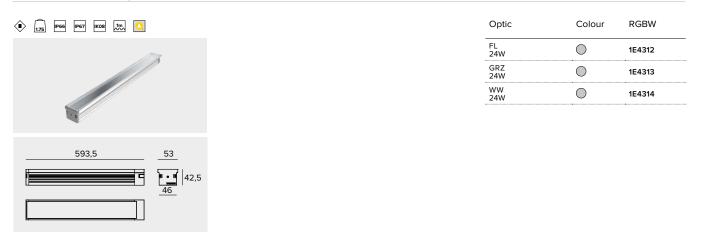
JEDI COMPACT Outdoor Projector | Integrated driver | L. 1136mm
220-240Vac | Ra80 | Fixture flux 3000K from 5141lm to 5717lm

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
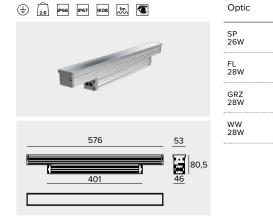
1136 | 53 | 80,5 | 931 | 46

Note — Related codes and accessory codes on page 525.

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
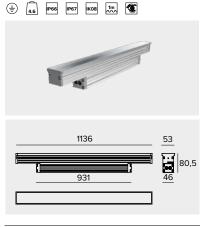
856 | 53
681 | 80,5 | 46

Note — Related codes and accessory codes on page 525.

JEDI COMPACT Outdoor Projector | Integrated driver | L. 576mm
220-240Vac | Ra80 | Fixture flux 3000K from 2570lm to 2858lm
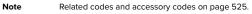
Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 26W	ON-OFF	◯	1E3823EL	1E3824EL	1E3825EL	1E3826EL
	DALI	◯	1E3823DA	1E3824DA	1E3825DA	1E3826DA
FL 28W	ON-OFF	◯	1E3268EL	1E3269EL	1E3270EL	1E3271EL
	DALI	◯	1E3268DA	1E3269DA	1E3270DA	1E3271DA
GRZ 28W	ON-OFF	◯	1E3272EL	1E3273EL	1E3274EL	1E3275EL
	DALI	◯	1E3272DA	1E3273DA	1E3274DA	1E3275DA
WW 28W	ON-OFF	◯	1E3276EL	1E3277EL	1E3278EL	1E3279EL
	DALI	◯	1E3276DA	1E3277DA	1E3278DA	1E3279DA

576 | 53
401 | 80,5 | 46

Note — Related codes and accessory codes on page 525.

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
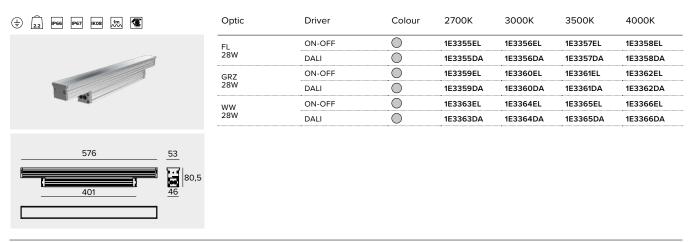
1136 | 53
931 | 80,5 | 46

Note — Related codes and accessory codes on page 525.

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

856   53   80,5   681   46

Note   Related codes and accessory codes on page 525.

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

576   53   80,5   401   46

Note   Related codes and accessory codes on page 525.

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

312,5   53   42,5   46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 873,5mm
500mA | Fixture flux up to 1962lm | RGBW W=3000K

◈ 🛍 **2,5** | **IP66** | **IP67** | **IK08** | **1m** | ⚠

Optic	Colour	RGBW
FL 36W	⬜	**1E4303**
GRZ 36W	⬜	**1E4304**
WW 36W	⬜	**1E4305**

873,5   53

42,5

46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 593,5mm
500mA | Fixture flux up to 1308lm | RGBW W=3000K

◈ 🛍 **1,65** | **IP66** | **IP67** | **IK08** | **1m** | ⚠

Optic	Colour	RGBW
FL 24W	⬜	**1E4300**
GRZ 24W	⬜	**1E4301**
WW 24W	⬜	**1E4302**

593,5   53

42,5

46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 312,5mm
500mA | Fixture flux up to 654lm | RGBW W=3000K

◈ 🛍 **0,95** | **IP66** | **IP67** | **IK08** | **1m** | ⚠

Optic	Colour	RGBW
FL 12W	⬜	**1E4297**
GRZ 12W	⬜	**1E4298**
WW 12W	⬜	**1E4299**

312,5   53

42,5

46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

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**

1153,5   53
42,5
46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

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**

873,5   53
42,5
46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

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**

593,5   53
42,5
46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 312,5mm
500mA | Fixture flux up to 456lm | RGBW W=3000K

IP66 IP67 IK08

Optic	Colour	RGBW
FL 12W	⬤	1E4309
GRZ 12W	⬤	1E4310
WW 12W	⬤	1E4311

312,5   53

42,5
46

Note   Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.
Related codes and accessory codes on page 526.

Related codes and accessories
JEDI COMPACT Outdoor Projector

Related codes

Power Supply

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, 3G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 312.5/344mm versions.

Code
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, 3G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 593.5/625/873.5/905/1153.5/1185mm versions.

Code
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, 5G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 312.5/344/593.5/625mm versions.

Code
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, 5G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 873.5/905/1153.5/1185mm versions.

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.

Code
1E3184

IP68 4-way cable connector (5 pole).

Control systems

Code
1E3048

IP67 wireless control unit with DALI interface.
More details on page 676.

Code
1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

Related codes and accessories
JEDI COMPACT Outdoor Projector

Accessory codes

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
JEDI COMPACT Outdoor RGBW Projector

Related codes

Power Supply

	Code
	1E4271

DMX RDM 4 channel RGBW driver.
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
	1E2767

USB-RDM Programmer code.
More details on page 682.

	Code
	1T1898

my-SCENARIO Show Store.
More details on page 682.

Related codes and accessories
JEDI COMPACT | Codes compatible with the whole range

Related codes

Bracket

	Code
	1E3304

Stainless steel short bracket kit for surface installation (2 pieces).
Rotation +/-90°.

	Code
	1E3306

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 SYSTEM

Outdoor

Lighting System | 24V/48V

CATIRPEL

530

Surface

NEW

IVY

552

Recessed Surface
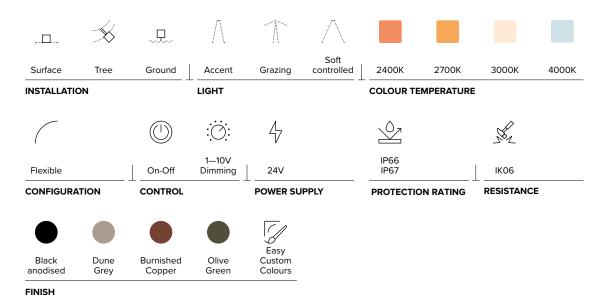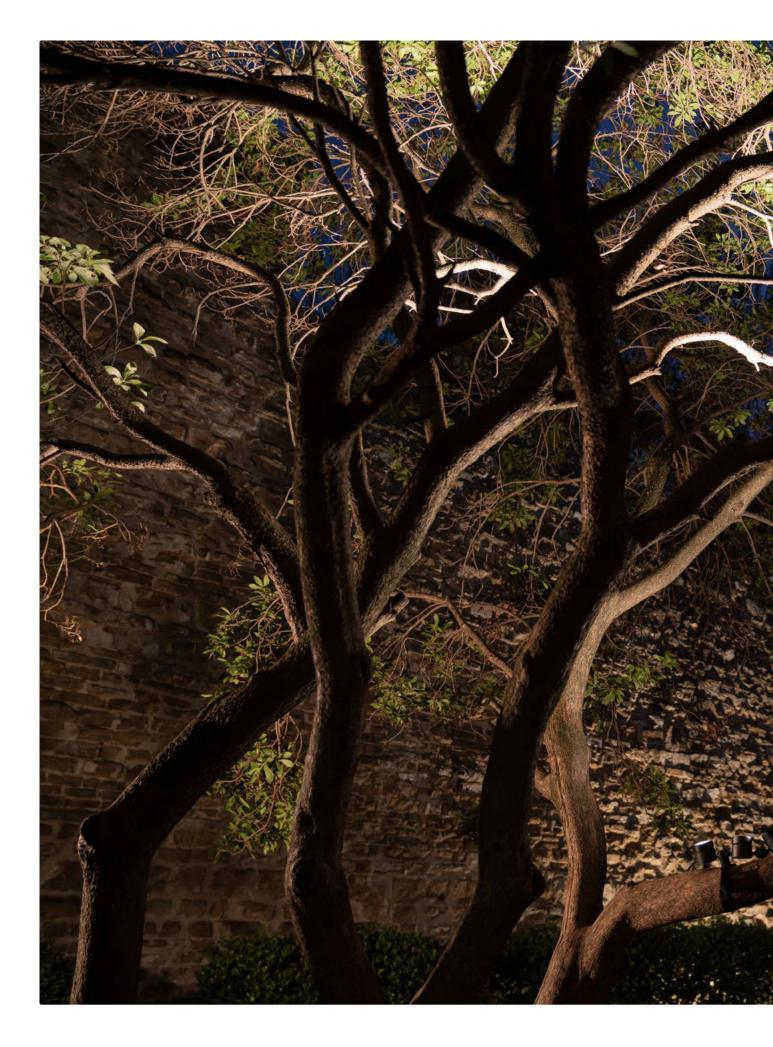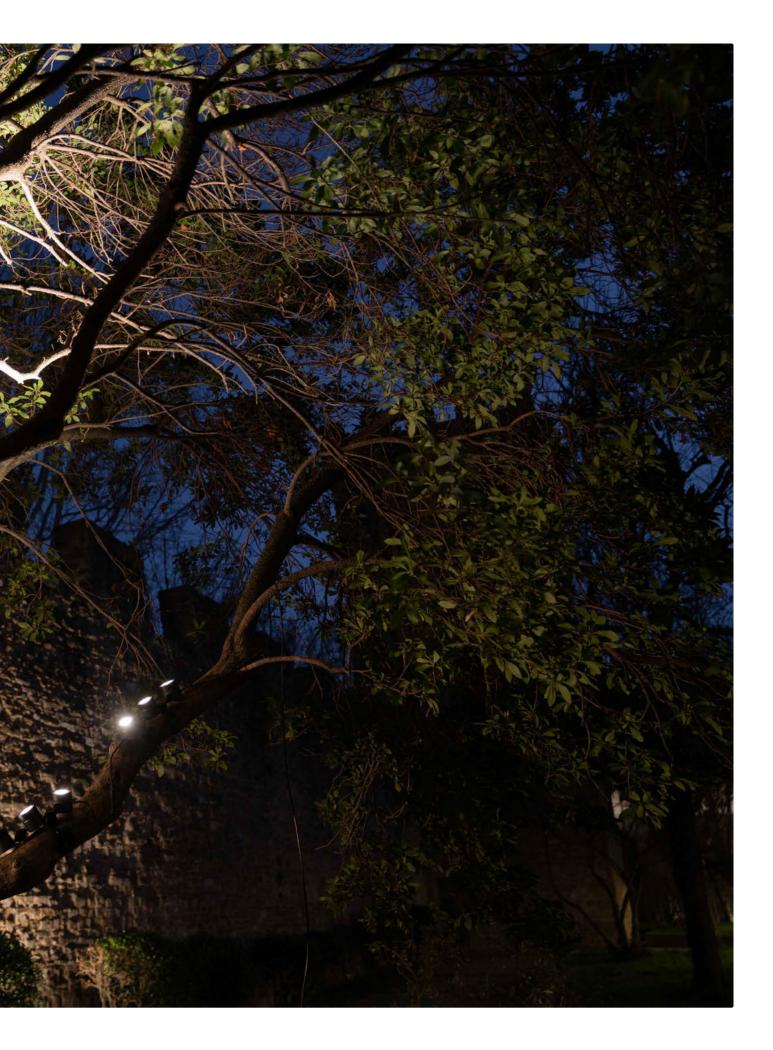
Developed in collaboration with the lighting design firm L'Observatoire International, Catirpel is a 24V modular system with projectors ideal for lighting nature and architecture. It moves sinuously in space, orients itself, instals itself in any position, attaches to any surface and disappears into 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	24V	IP66 IP67	IK06
CONFIGURATION	**CONTROL**		**POWER SUPPLY**	**PROTECTION RATING**	**RESISTANCE**

Black anodised	Dune Grey	Burnished Copper	Olive Green	Easy Custom Colours
FINISH				
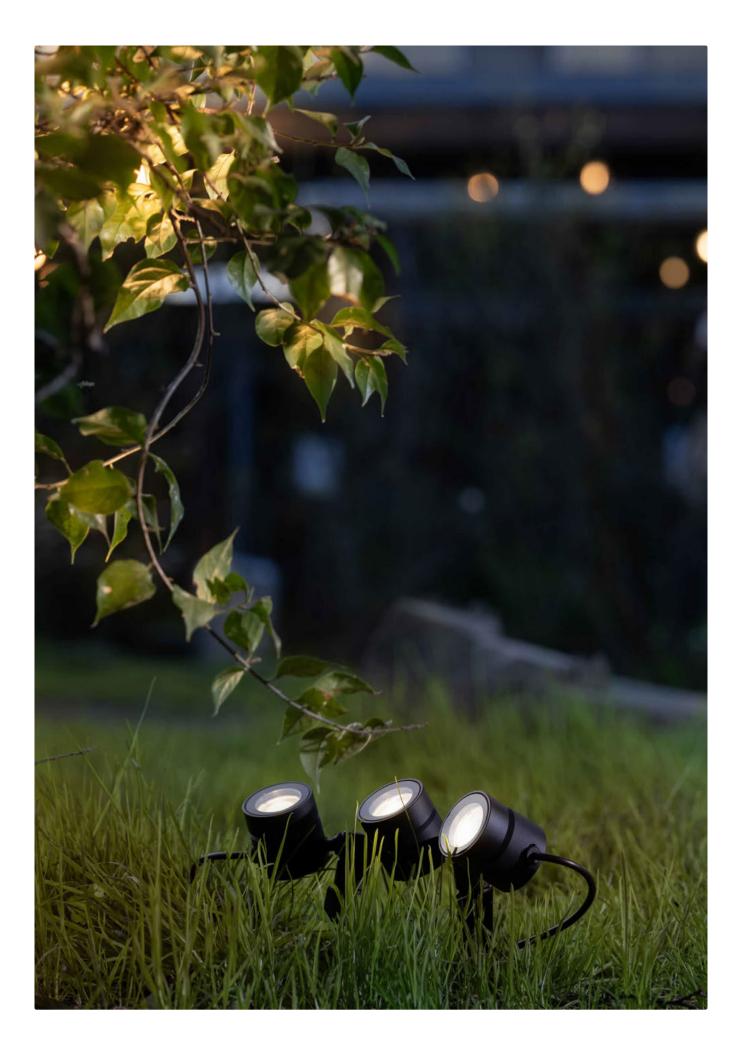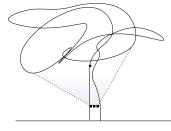
Every module in the system is composed of a projector and a spherical joint that allows for maximum freedom of movement. The system is available in single light modules with a single projector (1x) or multiple modules with three (3x) or five (5x) projectors.
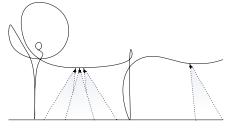
Scenic lighting of trees
The trunk or the branches of trees become mounting supports to anchor the Catirpel system to using special brackets and technical fabric belt straps specially made for outdoor installations. The various light units can be oriented individually upwards or downwards to create unprecedented 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.
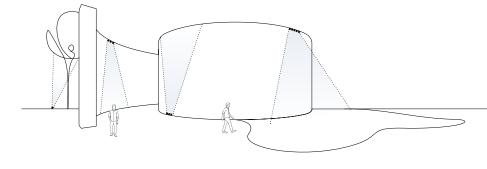
Social areas
Where controlled and flexible lighting from above is required, Catirpel can be equipped with a special accessory and attached to a metal cable (not supplied) to create real catenaries.

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.
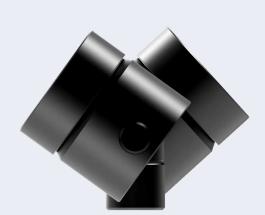
Lighting architecture

The system has a wide range of optics and finishes specifically designed to perfectly integrate into architectural contexts, furthermore, its «sinuousity» makes it remarkably versatile for lighting architecture in all its most complex forms: curved surfaces, vaulted ceilings, rib vault ceilings, columns, etc...

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' n' 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.

R 95mm

R 95mm

R 160mm

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.

Systems
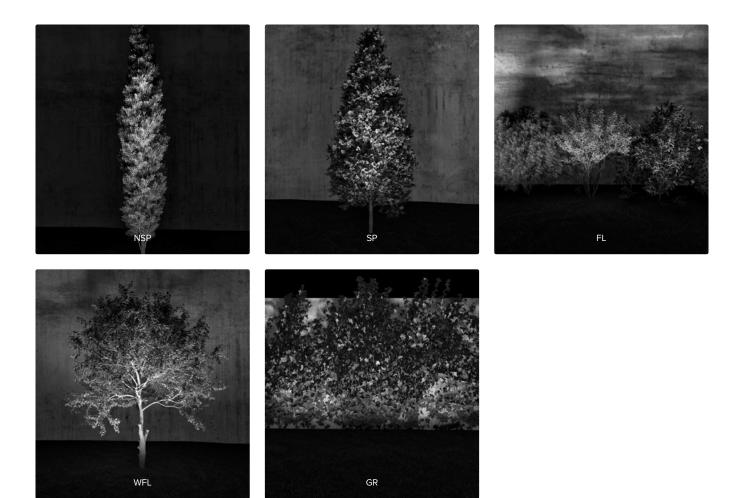
Versions without grid are used where high-performance quality lighting is required.
There are five types of emission from the extremely narrow NSP for extremely precise lighting even from great distances, to the Grazing optic capable of creating a blade of light to light hedges and surfaces.

Versions with integrated grid are the perfect compromise between performance and visual comfort. The grid reduces the risk of glare to a minimum.

Light modules are available with or without integrated grids to produce 8 different beam openings.

NSP

SP

FL

WFL

GR

SINGLE MODULE
Up to 85lm/W
From 173lm to 2325lm
2400K - 2700K - 3000K - 4000K
Ra90
On/Off – 1-10V

For multiple modules the flux value
must be multiplied by the number of
light units.

TS1843   Imax=24142cd/klm
NSP 7°)

TS1844   Imax=4685cd/klm
SP 19°

TS1845   Imax=1477cd/klm
FL 34°

TS1846   Imax=814cd/klm
MWFL 48°

TS1847   Imax=1544cd/klm
GR 57°x19°
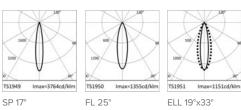
SINGLE MODULE
WITH AN INTEGRATED
HONEYCOMB GRID
Up to 54lm/W
From 176lm to 1480lm
2400K - 2700K - 3000K - 4000K
Ra90
On/Off – 1-10V

For multiple modules the flux value
must be multiplied by the number of
light units.

TS1949   Imax=3764cd/klm
SP 17°

TS1950   Imax=1355cd/klm
FL 25°

TS1951   Imax=1151cd/klm
ELL 19°x33°

*** The photometries shown in the
table refer to LED 3000K**

Systems

Catirpel has a vast range of finishes, optical accessories and installation accessories. All this adds great added value to the system because they make it suitable for installation in any context and in many ways.

Dune grey

Olive green

Burnished copper

Black anodised

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

(A)

Asymmetrical snoot
An asymmetrical grid that laterally removes the fall-off component of the beam, making the light emission slightly asymmetrical.

(B)

Cross baffle
An anti-glare grid that makes it possible to control the beam maximising visual comfort.

(C)

Snoot
A grid that removes the fall-off component of the 360° beam, focusing the effect only where it is needed.

(D)

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.
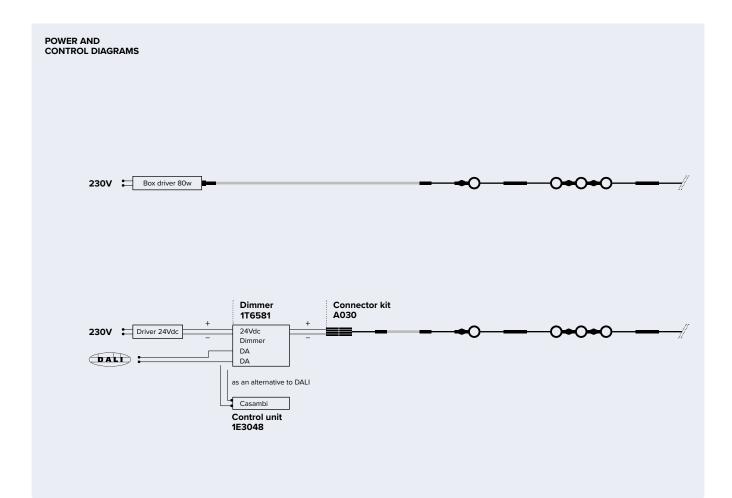
Installation on tree branches
Shaped bracket and adjustable
strap in technical fabric to attach to
branches or around tree trunks.

Installation on the ground
Spike

Installation on a catenary
Accessory for installation on a steel
cable (not supplied).

Installation accessories

230V — Box driver 80w —○—○—○○○—

**Dimmer
1T6581**

**Connector kit
A030**

230V — Driver 24Vdc + | 24Vdc Dimmer DA DA | + — —○—○○○—

DALI

as an alternative to DALI

Casambi

**Control unit
1E3048**
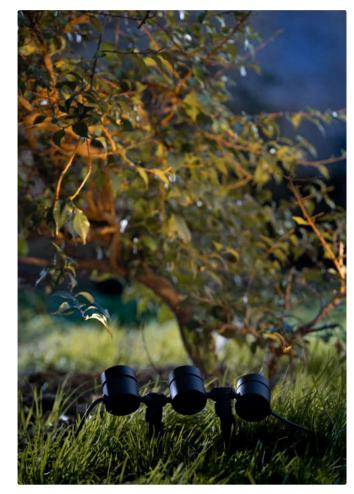
Power Supply
Catirpel must be powered by a 220-240V 24dc constant voltage remote driver.

On-off control only
The 80W 24Vdc driver "box" power supply is available in all finishes, complete with an IP67 male/female connector for 220-240V 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
220-240V 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
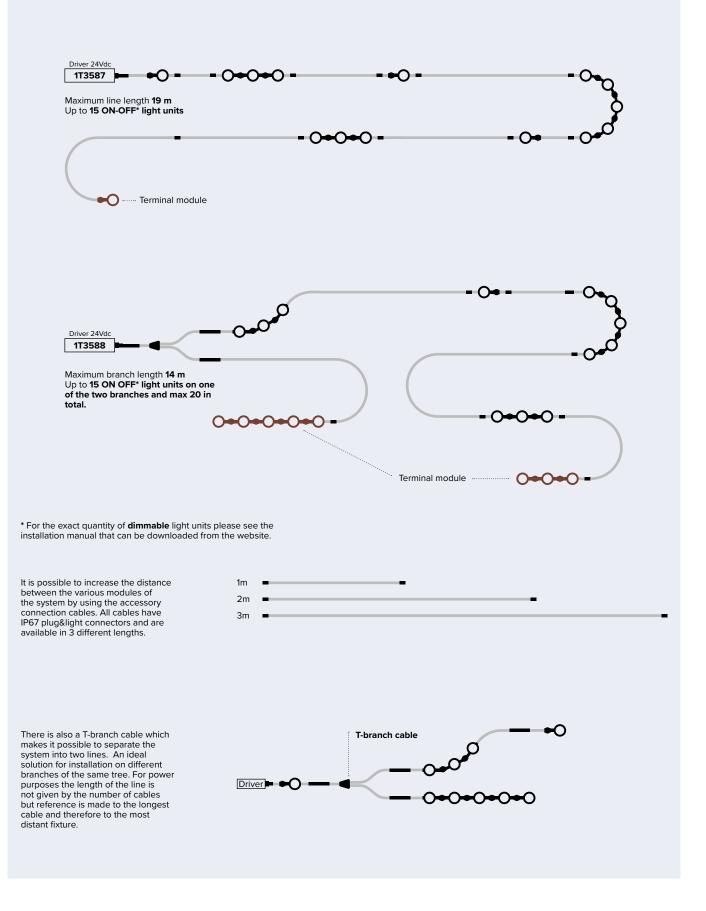
Control and power supply

There are various power and control possibilities that allow for different system configurations.

SYSTEM CONSTRAINTS

Driver 24Vdc
1T3587

Maximum line length **19 m**
Up to **15 ON-OFF* light units**

······· Terminal module

Driver 24Vdc
1T3588

Maximum branch length **14 m**
Up to **15 ON OFF* light units on one
of the two branches and max 20 in
total.**

Terminal module ················

* For the exact quantity of **dimmable** 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.

1m
2m
3m

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.

T-branch cable

Driver

Systems

CATIRPEL
24Vdc | Ra90 | Fixture flux 3000K from 173lm to 2175lm

IP66 IP67 IK06

Product	Version		Optic		Ra+K		Colour	
E011	A	1X IN-OUT - 3/6W	NS	NSP 7°	927	Ra90 2700K	BA	
	B	1X END - 3/6W	SP	SP 19°	930	Ra90 3000K	OG	
	C	3X IN-OUT - 9/17W	FL	FL 34°	940	Ra90 4000K	DG	
	D	3X END - 9/17W	MF	MWFL 48°	924	Ra90 2400K	BC	
	E	5X IN-OUT - 15/28W	GR	GRZ				
	F	5X END - 15/28W						

Note   Related codes and accessory codes on page 548.

CATIRPEL | LOUVRE
24Vdc | Ra90 | Fixture flux 3000K from 200lm to 1385lm

IP66 IP67 IK06

Product	Version		Optic		Ra+K		Colour	
E024	A	1X IN-OUT - LOUVRE - 6W	SP	SP 19°	924	Ra90 2400K	BA	
	B	1X END - LOUVRE - 6W	FL	FL 34°	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   Related codes and accessory codes on page 548.

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
140x32x63	75W	220-240Vac	24Vdc	IP67	**1T3586**
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
⬤	**A031BA**
⬤	**A031OG**
⬤	**A031DG**
⬤	**A031BC**

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.

Colour	Code
⬤	**A017BA**
⬤	**A017OG**
⬤	**A017DG**
⬤	**A017BC**

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.

Grid

Colour	Code
⬤	**A032BA**
⬤	**A032OG**
⬤	**A032DG**
⬤	**A032BC**

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.

Holder Ring

Colour	Code
⬤	**A033BA**
⬤	**A033OG**
⬤	**A033DG**
⬤	**A033BC**

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.

Filter

Code
A034

Blade of light filter.
To be used with holder ring A033.

Bracket

Colour	Code
⬤	**A019BT**
⬤	**A019OG**
⬤	**A019DG**
⬤	**A019BC**

Bracket for installation on surfaces.
Powder coated stainless steel.

Colour	Code
⬤	**A020BT**
⬤	**A020OG**
⬤	**A020DG**
⬤	**A020BC**

Bracket for installation on trees.
To be completed with accessory strap A023.
Powder coated stainless steel.

Mounting System

L mm	Code
2000	**A023**

Strap for tree bracket (tree installation).

L mm	H mm	P mm	Colour	Code
25	162	25	⬤	**A021BT**
25	162	25	⬤	**A021OG**
25	162	25	⬤	**A021DG**
25	162	25	⬤	**A021BC**

Earthspike.
Powder coated stainless steel.

Related codes and accessories

CATIRPEL

Accessory codes

Mounting System

H mm	Colour	Code		H mm	Colour	Code
20	●	**A022BA**		20	●	**A055BA**
20	●	**A022OG**		20	●	**A055OG**
20	●	**A022DG**		20	●	**A055DG**
20	●	**A022BC**		20	●	**A055BC**

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.

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
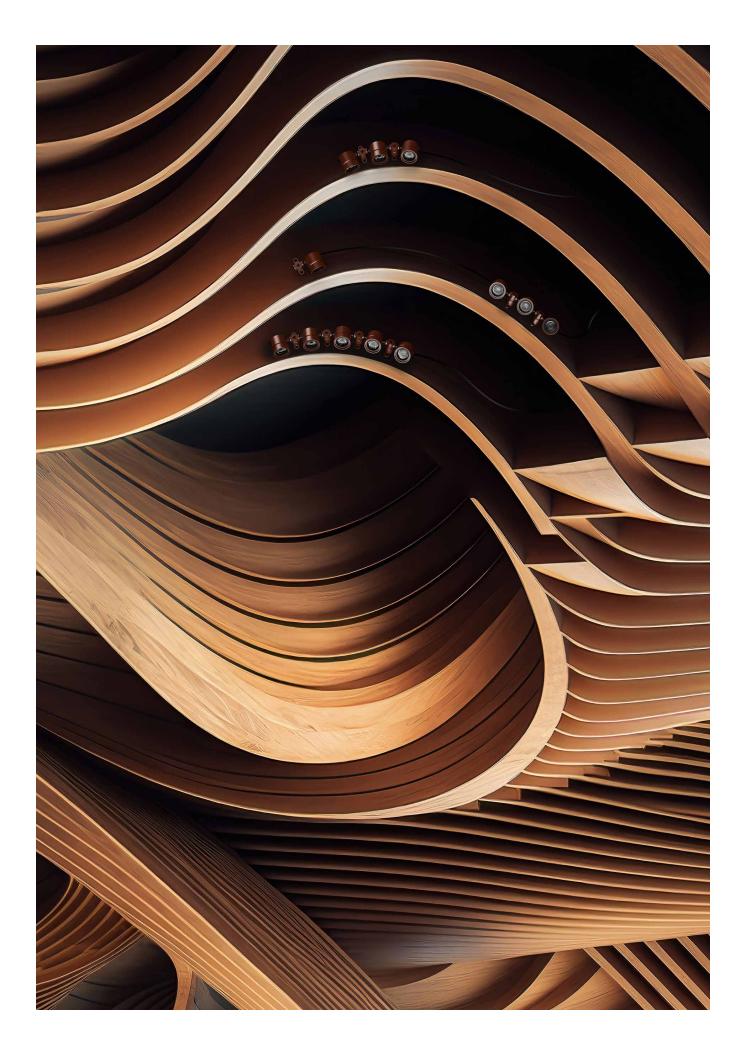
Connection kit for remote driver.

Connector

	Code
	A024

3 ways connector (1IN-2OUT).

Control systems

	Code
	1T6581
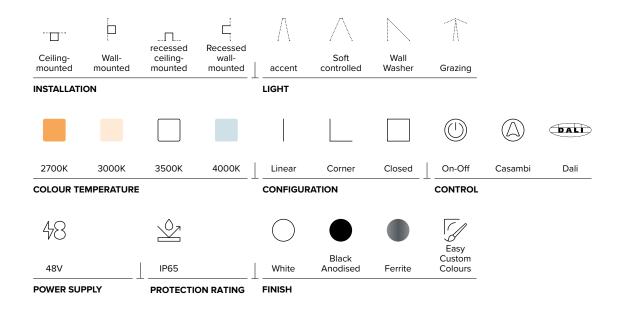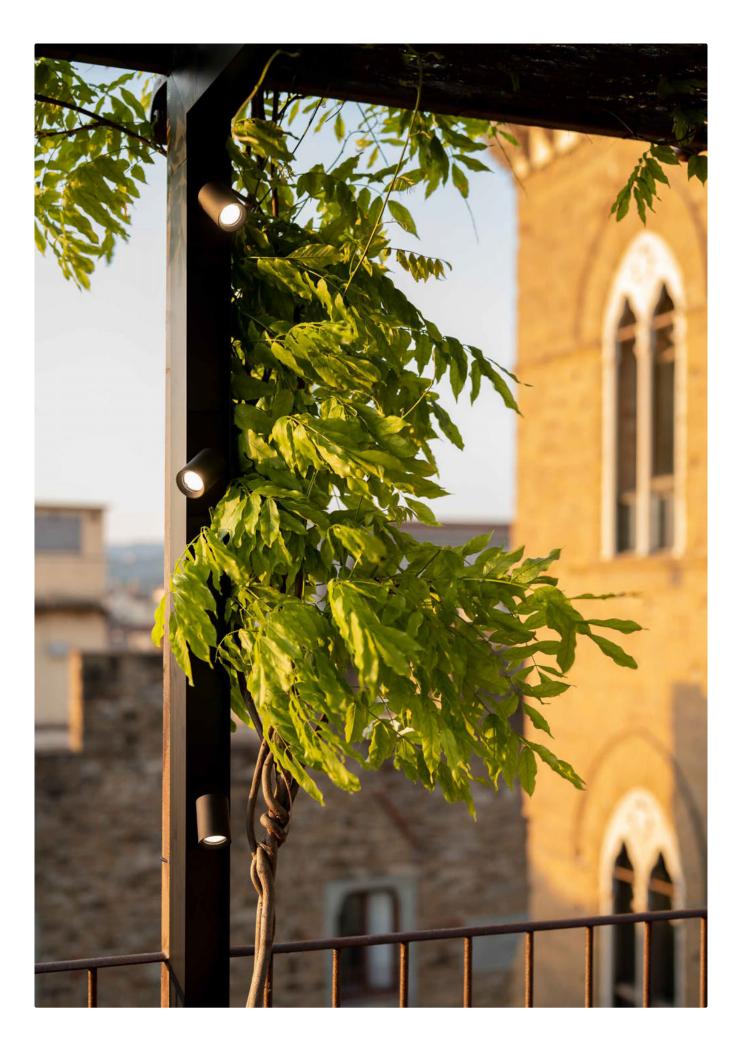
Dimmer for 12-24Vdc constant voltage LED driver.
1-10V/DALI control input.
IP20

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.

IVY

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**

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.

554

Joints
The accessory L shaped planar,
concave and convex joints make
it possible to create 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.

Concave

Convex
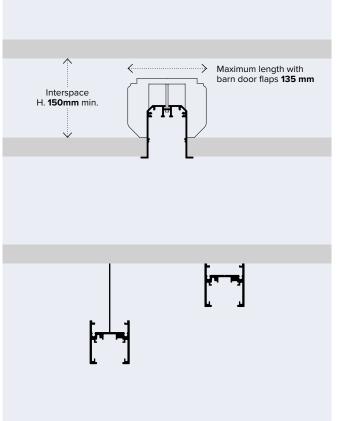
Planar

Linear
(Integrated
into the profile)

Interspace
H. **150mm** min.

Maximum length with
barn door flaps **135 mm**

Joints
The linear connection joints supplied
with every profile make it possible
to create 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
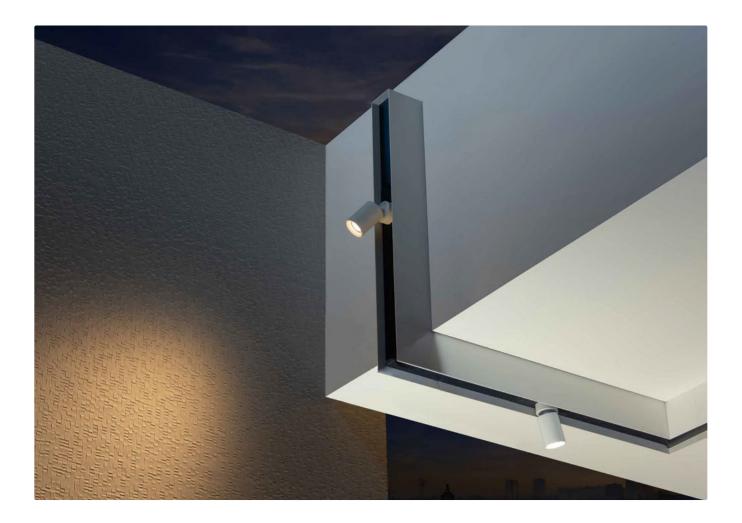
The profile is made of extruded aluminium
Just 7cm wide is available in four different
lengths for surface-mounted or recessed
installations. In indoor environments,
it is possible to install IVY in a suspension
version using special accessories.
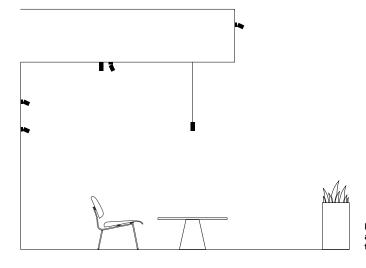
500 mm

1000 mm

2000 mm

3000 mm
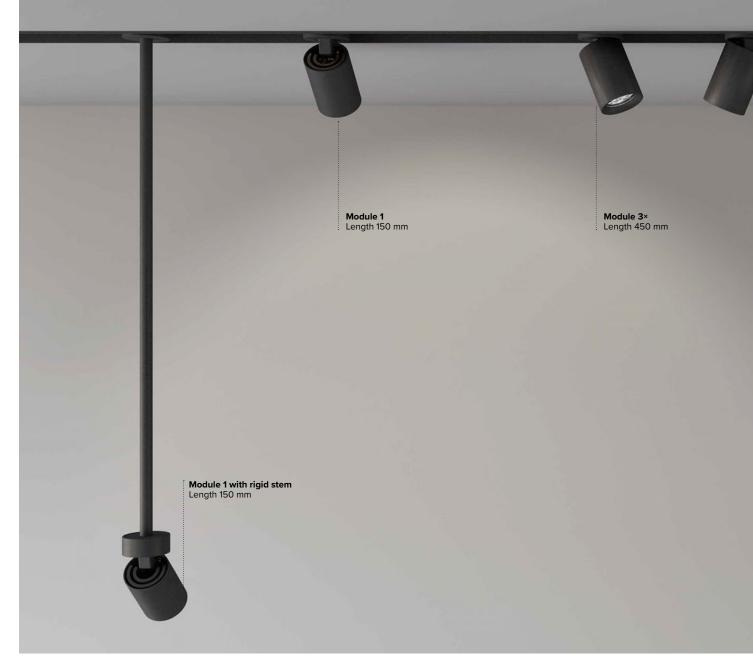
IVY can be installed surface-mounted and recessed both on the ceiling and the wall.

Systems

STEM MOUNTED ADJUSTABLE PROJECTOR

Available only for the projector version 1**x**, 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 1× and 3× 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 3×
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 for rapid connection.

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
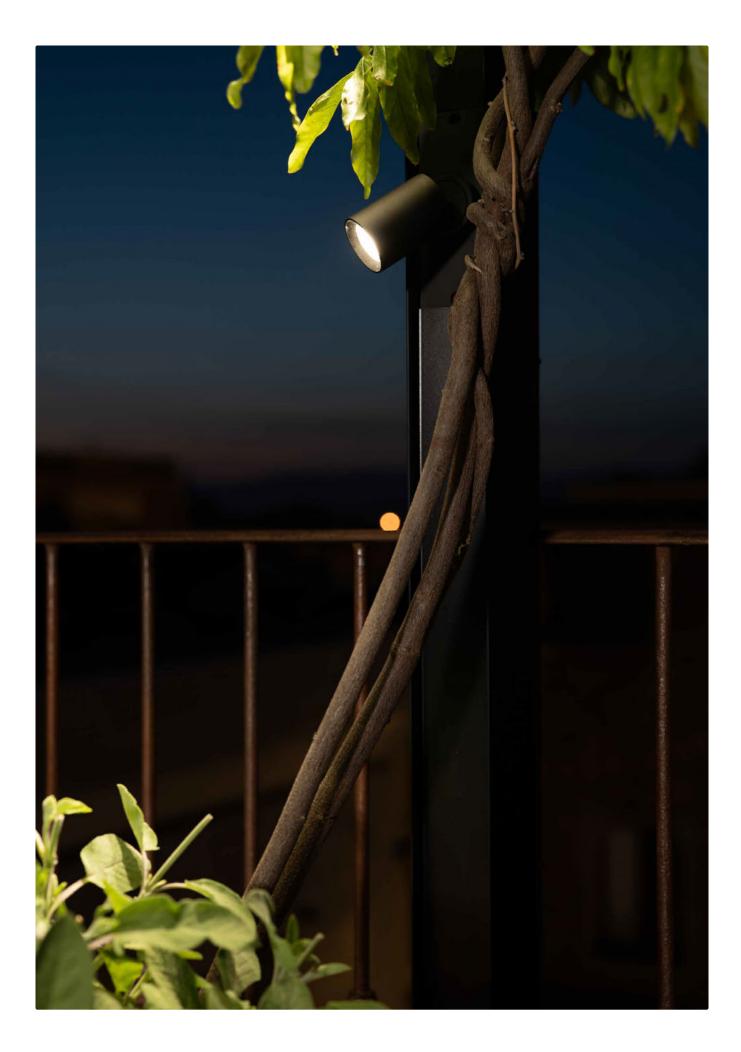
The profile and modules are available in three different finishes

Ferrite

White

Black anodised

PROJECTOR MODULE
Up to 106lm/W
From 202lm to 2100lm
2700K - 3000K - 3500K - 4000K
Ra90
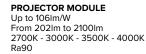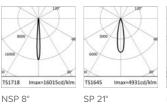
* The modules with adjustable projectors are equipped with optical systems with lenses in the following beam openings: Narrow Spot (only 1x), Spot, Flood and Wide Flood.

TS1718 Imax=16015cd/klm	TS1645 Imax=4931cd/klm	TS1646 Imax=1968cd/klm
NSP 8°	SP 21°	FL 37°

TS1647 Imax=871cd/klm

WFL 53°
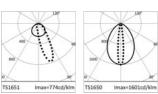
LINEAR MODULE
Up to 114lm/W
From 1809lm to 2555lm
2700K - 3000K - 3500K - 4000K
Ra90

* 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.

TS1651 Imax=774cd/klm	TS1650 Imax=1601cd/klm	TS1649 Imax=464cd/klm
WW	GR 76° - 15°	Opal 77° - 61°

TS1652 Imax=699cd/klm
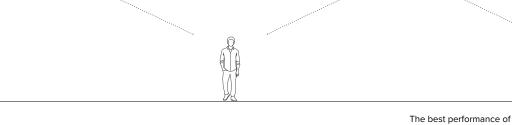
FL 85° - 32°

LIGHTING EFFECTS

Optics	NSP	SP	FL	WFL	Grazing	Wall Washer	Opal
Stem mounted PROJECTOR 1×	●	●	●	●			
PROJECTOR 1×	●	●	●	●			
PROJECTOR 3×		●	●	●			
LINEAR			●		●	●	●

* The photometries shown in the table refer to LED 3000K

Systems

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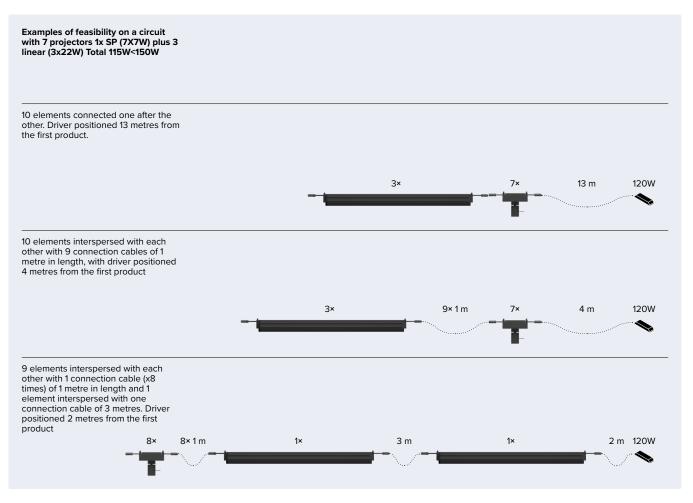
DALI
- Casambi (CA) light units
- On board or remote driver power supply
- DALI-Casambi Bridge

Control

IVY components must be chosen on the basis of how the beam will be controlled

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Examples of feasibility on a circuit with 7 projectors 1x SP (7X7W) plus 3 linear (3x22W) Total 115W<150W

10 elements connected one after the other. Driver positioned 13 metres from the first product.

3×   7×   13 m   120W

10 elements interspersed with each other with 9 connection cables of 1 metre in length, with driver positioned 4 metres from the first product

3×   9× 1 m   7×   4 m   120W

9 elements interspersed with each other with 1 connection cable (x8 times) of 1 metre in length and 1 element interspersed with one connection cable of 3 metres. Driver positioned 2 metres from the first product

8×   8× 1 m   1×   3 m   1×   2 m   120W

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 included in the calculation (15cm + 15cm) supplied with each product.
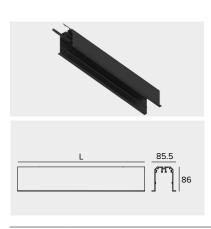
System configuration

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 569.

IVY Profile | Recessed
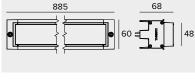
L mm	Kg	Colour	Code
500	1.2	●	**1E4159**
1000	2.15	●	**1E4160**
2000	4.15	●	**1E4161**
3000	6.15	●	**1E4162**

Note   Related codes and accessory codes on page 569.

IVY Linear module
48Vdc | Ra90 | Fixture flux 3000K from 1935lm to 2441lm

Optic	Version	Colour	2700K	3000K	3500K	4000K
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**
OP 22W	ON-OFF	●	**1E4138EL**	**1E4142EL**	**1E4146EL**	**1E4150EL**
	CASAMBI	●	**1E4138CA**	**1E4142CA**	**1E4146CA**	**1E4150CA**
FL 22W	ON-OFF	●	**1E4136EL**	**1E4140EL**	**1E4144EL**	**1E4148EL**
	CASAMBI	●	**1E4136CA**	**1E4140CA**	**1E4144CA**	**1E4148CA**

Note   Related codes and accessory codes on page 569.

Outdoor   566

IVY Single projector
48Vdc | Ra90 | Fixture flux 3000K from 220lm to 655lm

◇ 0.45 IP65

Optic	Version	Colour	2700K	3000K	3500K	4000K
NSP 8° 4W	ON-OFF	○	1E4281EL	1E4282EL	1E4283EL	1E4284EL
		●	1E4277EL	1E4278EL	1E4279EL	1E4280EL
		◉	1E4273EL	1E4274EL	1E4275EL	1E4276EL
	CASAMBI	○	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
		◉	1E4075EL	1E4078EL	1E4081EL	1E4084EL
	CASAMBI	○	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
		◉	1E4076EL	1E4079EL	1E4082EL	1E4085EL
	CASAMBI	○	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
		◉	1E4077EL	1E4080EL	1E4083EL	1E4086EL
	CASAMBI	○	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

◇ 1.1 IP65

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
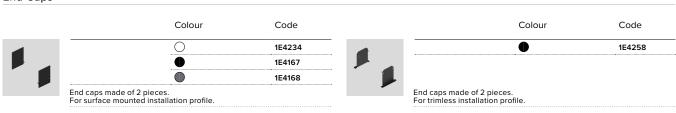
Colour	Code
●	1E4186
○	1E4235
◐	1E4272

Note   Related codes and accessory codes on page 569.

Related codes and accessories
IVY 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.

Related codes and accessories
IVY Light modules

Related codes

Power Supply

	Driver	Colour	Code		Driver	Colour	Code
	ON-OFF	●	**1E4169**		ON-OFF	●	**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 1.5mm².
1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm².

Accessory codes

Cable

	L mm	Code
	500	**1E4270**
	1000	**1E4181**
	2000	**1E4182**
	3000	**1E4183**

Connection cable complete with male/female connectors.

	Code
	1E4171

Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring 1E4184 connection kit.

	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 676.

Connector

	Code
	1E4184

Connection kit 24/48V.
Wire not included.
Maximum cable diameter 7.5mm².
To be used for lengths >3m.

	Code
	1E2769

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).

WALL-MOUNTED
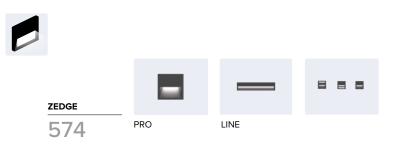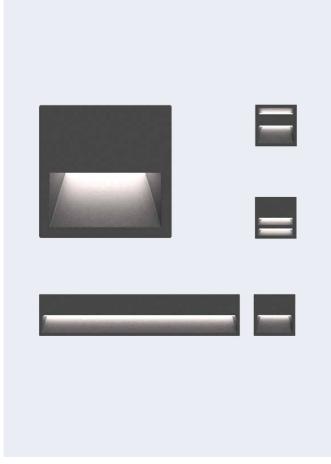
Outdoor

Wall-mounted | Recessed
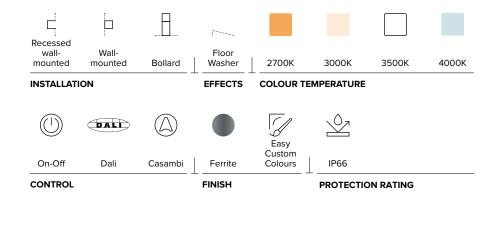
ZEDGE

574

PRO

LINE

Wall-mounted | Applique

MRS BO

594

WALL

MR/MRS SMITH

600

MR

MRS

FEBO EVO

606

STILO

612

WALL FLAT
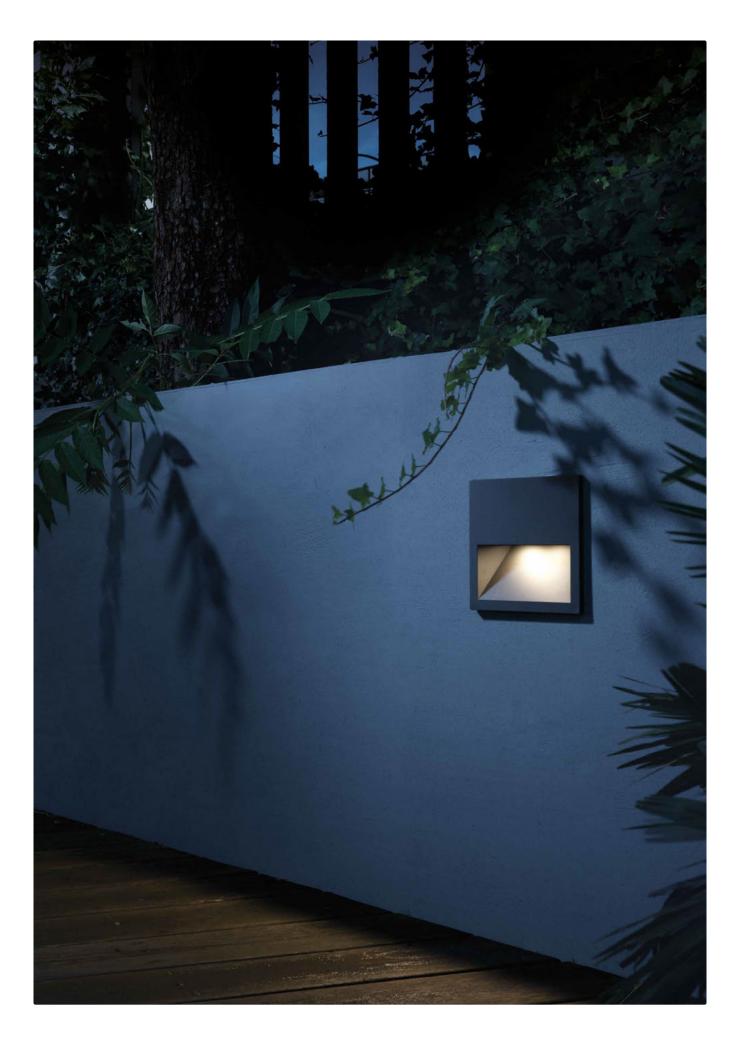
Developed in collaboration with the architecture and design firm Gensler, the ZEDGE range is a coordinated range of fixtures for outdoor lighting. Available in different sizes and with lumens outputs it was developed to light pedestrian areas, stairs and ramps.

ZEDGE FAMILY

Recessed wall-mounted	Wall-mounted	Bollard	Floor Washer

INSTALLATION

EFFECTS

2700K	3000K	3500K	4000K

COLOUR TEMPERATURE

On-Off	Dali	Casambi	Ferrite	Easy Custom Colours	IP66

CONTROL

FINISH

PROTECTION RATING

110-277V Power Supply
Cataphoresis treatment

ON REQUEST

Recessed wall-mounted

Recessed wall-mounted
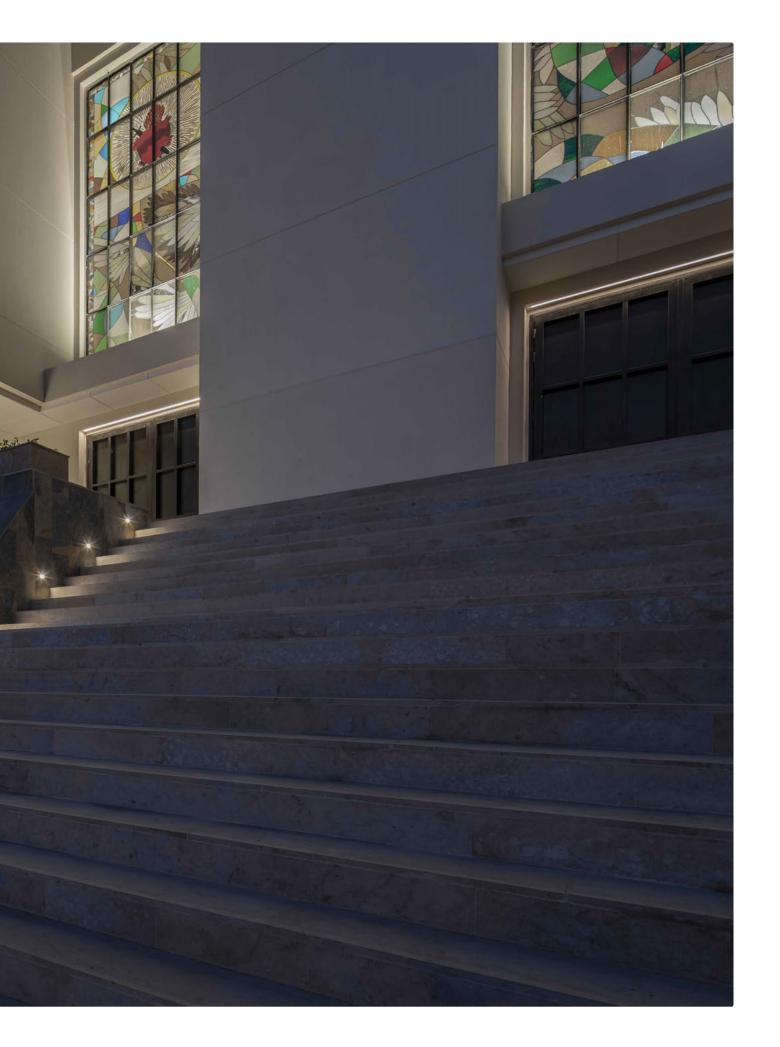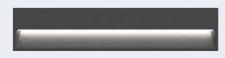
ZEDGE

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.

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.

DEEP Version
For deep lighting of the horizontal plane where the priority is to light open spaces or wide 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
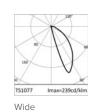
It is the largest in the range, a real floor washer suitable for lighting pedestrian areas in large urban contexts. The different optical systems make it possible to choose the most suitable lighting solution for a wider or deeper effect according to different needs.

ZEDGE PRO
Up to 42lm/W
From 384lm to 660lm
2700K - 3000K - 3500K - 4000K
Ra90

Wide

Deep

ZEDGE PRO ADJUSTABLE
Up to 42lm/W
From 384lm to 660lm
2700K - 3000K - 3500K - 4000K
Ra90

Wide

Deep

*** The photometries shown in the
table refer to LED 3000K**

Recessed wall-mounted
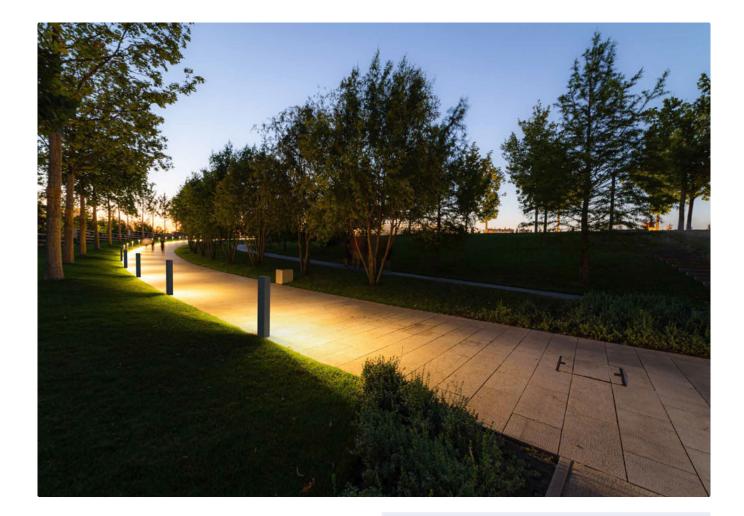
Recessed wall-mounted installation
The accessory outer casing allows
for recessed wall-mounted overlay
installation with a front cover or flush
for maximum formal simplicity.

Applique installation
It can also be surface-mounted if
accessorised with a special carter.

Zedge PRO can be recessed or wall-mounted,
surface-mounted or as a bollard by choosing the
most suitable installation accessory.

H 100 cm

H 80 cm
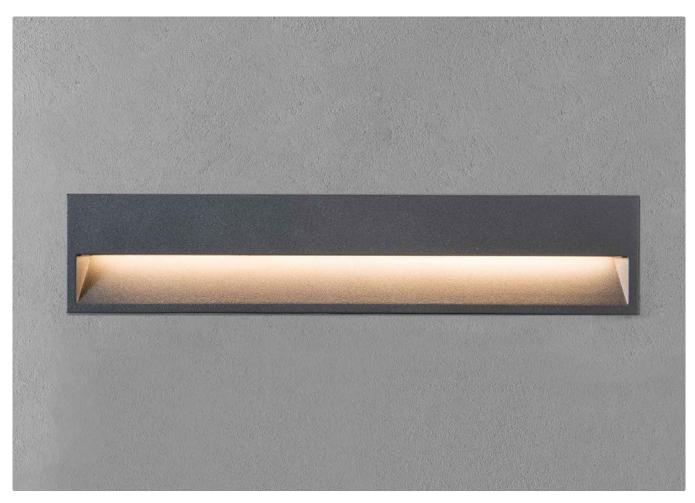
H 40 cm

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.

583   Recessed wall-mounted
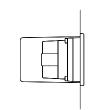
If wall-mounted it is possible to choose from a direct installation spring kit or use the special outer casing for flush installation with a protrusion of only 4.5mm.

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.
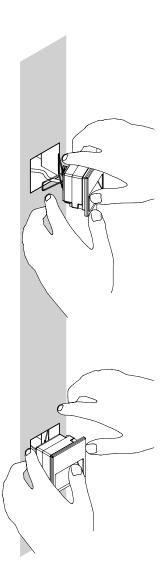
ZEDGE LINE
Up to 25lm/W
From 147lm to 210lm
2700K - 3000K - 3500K - 4000K
Ra90

TS1885 Imax=174cd/klm

Floor Washer

*** The photometries shown in the
table refer to LED 3000K**

Recessed wall-mounted
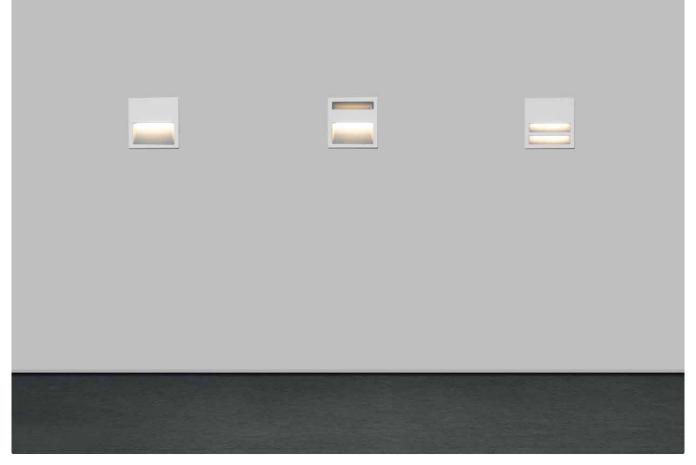
Installation can be done
using the accessory outer casing
or directly in the plasterboard.
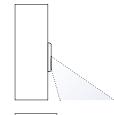
ZEDGE

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 31lm to 187lm
2700K - 3000K - 3500K - 4000K
Ra90

| TS1882 | Imax=90cd/klm | TS1883 | Imax=164cd/klm | TS1884 | Imax=46cd/klm |

Floor Washer

Floor Washer + Halo

Louvre

ZEDGE Pro
220-240Vac | Ra90 | Fixture flux 3000K from 409lm to 610lm

☐ IP66 IK10 ⊡

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

200 | 200 | 97

Note   Related codes and accessory codes on page 589.

ZEDGE Line
Ra90 | Fixture flux 3000K from 153lm to 207lm

0.7 IP66 IK10 1m

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

304 | 52 | 63 | 47

Note   Related codes and accessory codes on page 590.
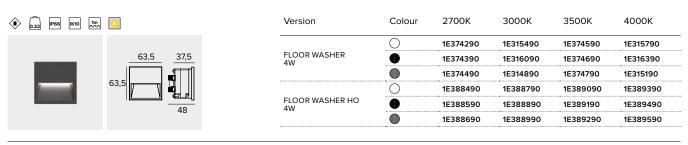
ZEDGE Floor Washer
24Vdc | Ra90 | Fixture flux 3000K from 75lm to 181lm

◈ 0.22 IP66 IK10 1m ⚠

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

63,5 | 37,5 | 63,5 | 48

Note   Related codes and accessory codes on page 591.

ZEDGE Floor Washer + Halo
24Vdc | Ra90 | Fixture flux 3000K 101lm

◈ 0.22 IP66 IK10 1m ⚠

Version	Colour	2700K	3000K	3500K	4000K
FLOOR WASHER + HALO 4W	○	1E374890	1E315590	1E375190	1E315890
	●	1E374990	1E316190	1E375290	1E316490
	⬤	1E375090	1E314990	1E375390	1E315290

63,5 | 37,5 | 63,5 | 48

Note   Related codes and accessory codes on page 591.

ZEDGE Louvre
24Vdc | Ra90 | Fixture flux 3000K 33lm

◇ | 0.22 | IP66 | IK10 | 1m | ⚠

Version	Colour	2700K	3000K	3500K	4000K
LOUVRE 4W	○	1E375490	1E315690	1E375790	1E315990
	●	1E375590	1E316290	1E375890	1E316590
	●	1E375690	1E315090	1E375990	1E315390

63,5 | 37,5
63,5
48

Note   Related codes and accessory codes on page 591.

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	H mm	Colour	Code
	3.5	400	●	**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 (+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
	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

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

	Code
	1E3447

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.

Mounting System

	Code
	1T7003

Stainless steel spring kit for installation without insertion box.

Carter

Colour	Code
●	**1E3872**

Carter for surface installation.
Can contain 1E2769 and 1E2494 connectors inside.
Powder coated stainless steel.
AxBxH=62x304x76.5mm.

Colour	Code
●	**1E3873**

Carter for surface installation.
To be completed with an external junction box.
Powder coated stainless steel.
AxBxH=62x304x63.5mm.

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.

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

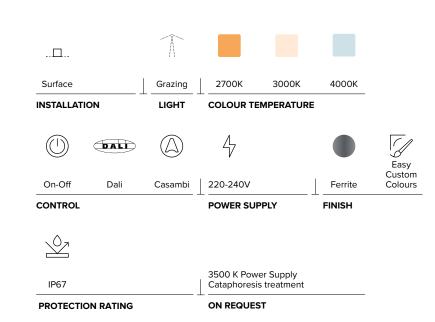|	Code			Code
	A013A			**A013C**
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67			Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20	

Related codes and accessories

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			Code
	1E3166			**1E3180**
Outer casing in plastic material fitted for parallel connection with feed through-wiring. For the fixture. Cutout hole AxBxP=87x59x72.5mm.			Stainless steel outer casing fitted for parallel connection with feed through-wiring. For fixture + driver (1E3179). Cutout hole AxBxP=166x72x87mm.	

Wall recessed

Related codes and accessories
ZEDGE

Accessory codes

Control systems		Terminal Box	
	Code		Code
	1T6581		**1E3181**
Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20		Terminal box with gel.	

Related codes and accessories
ZEDGE | Codes compatible with the whole range
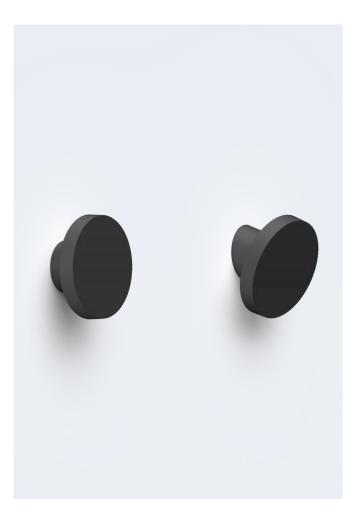
Accessory codes
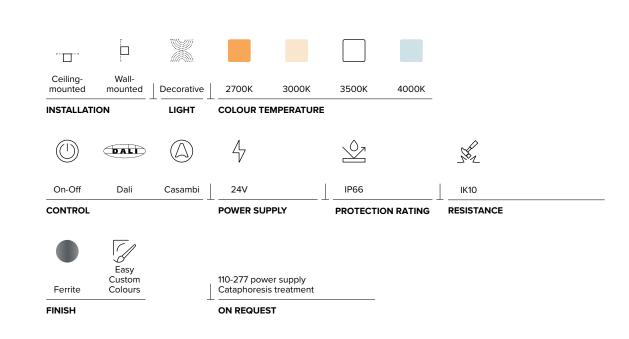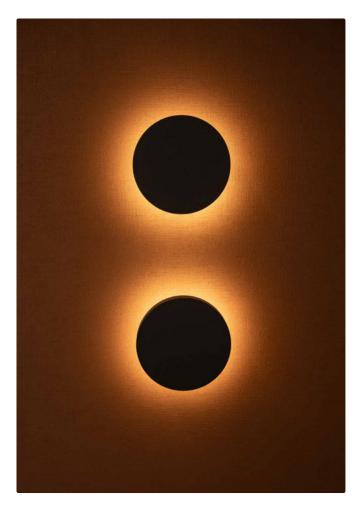
Control systems			
	Code		Code
	1E3048		**1E4369**
IP67 wireless control unit with DALI interface. More details on page 676.		IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 676.	

MRS BO WALL
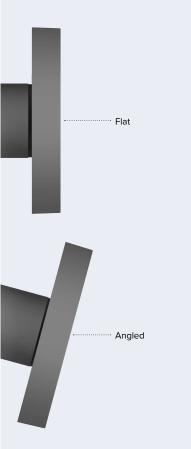
Mrs BO Wall is a fixture for decorative lighting of vertical surfaces. It has two different lighting effects: circular and elliptical. Ideal for wall-mounted installation, both versions are equipped with special safety cables for ceiling installation. Mr Bo Wall must be completed with a remote driver for single or multiple configurations where one driver can power several fixtures.

Ceiling-mounted	Wall-mounted	Decorative	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.

Flat

Angled

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.

Mʀs BO WALL FLAT
Up to 41lm/W
From 374lm to 404lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1787   Imax=101cd/klm
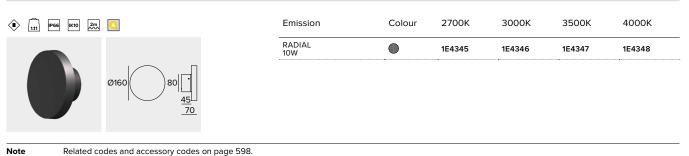
Mʀs BO WALL-MOUNTED ANGLED
Up to 40lm/W
From 360lm to 389lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1788   Imax=97cd/klm

* The photometries shown in the table refer to LED 3000K

MRS BO WALL Flat

24Vdc | Ra80 | Fixture flux 3000K 391lm

◇ 1.11 IP66 IK10 2m 🔶

Ø160 80 45 70

Emission	Colour	2700K	3000K	3500K	4000K
RADIAL 10W	⬤	1E4345	1E4346	1E4347	1E4348

Note   Related codes and accessory codes on page 598.

MRS BO WALL Angled

24Vdc | Ra80 | Fixture flux 3000K 376lm

◇ 1.11 IP66 IK10 2m 🔶

Ø160 100 158 25

Emission	Colour	2700K	3000K	3500K	4000K
ELLIPTICAL 10W	⬤	1E4349	1E4350	1E4351	1E4352

Note   Related codes and accessory codes on page 598.

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
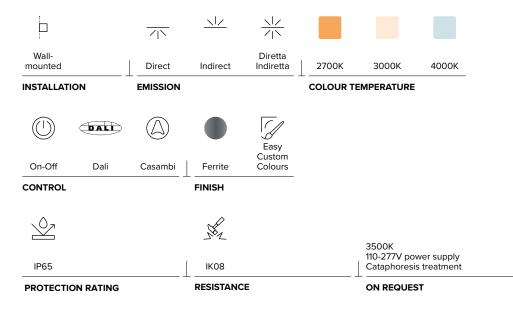
	Code
	1T6581

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 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

MR & MRS SMITH
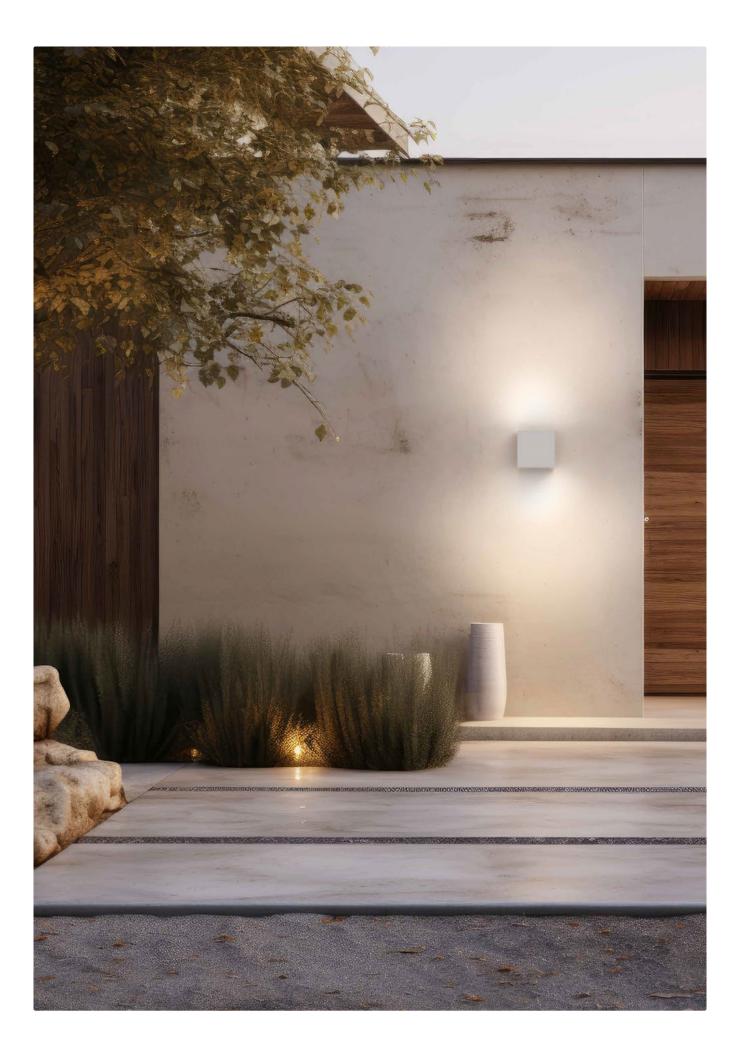
A range of outdoor fixtures with simple and minimal shapes with direct, indirect or direct/indirect emission.

Wall-mounted		
INSTALLATION		

Direct	Indirect	Diretta Indiretta
EMISSION		

2700K	3000K	4000K
COLOUR TEMPERATURE		

On-Off	Dali	Casambi
CONTROL		

Ferrite	Easy Custom Colours
FINISH	

IP65
PROTECTION RATING

IK08
RESISTANCE

3500K
110-277V power supply
Cataphoresis treatment

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.

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.

MR SMITH
220-240Vac | Ra90 | Fixture flux 3000K from 452lm to 1027lm

⏚ 0.75 IP65 IK08 ⬛

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**

130 130 51,5

Note   Accessory codes on page 604.

MRS SMITH
220-240Vac | Ra90 | Fixture flux 3000K from 437lm to 928lm

⏚ 1 IP65 IK08 ⬛

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**

64 305 52 61

Note   Accessory codes on page 604.

Accessory codes
MR & MRS SMITH | Codes compatible with the whole range

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
More details on page 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

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

FEBO EVO
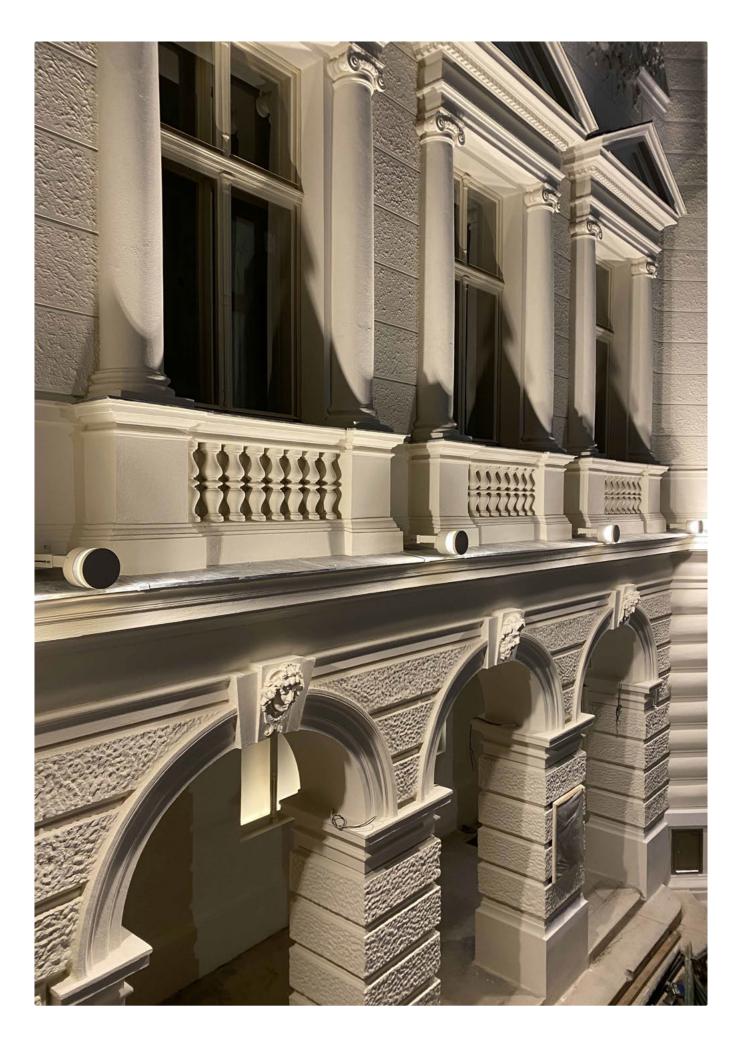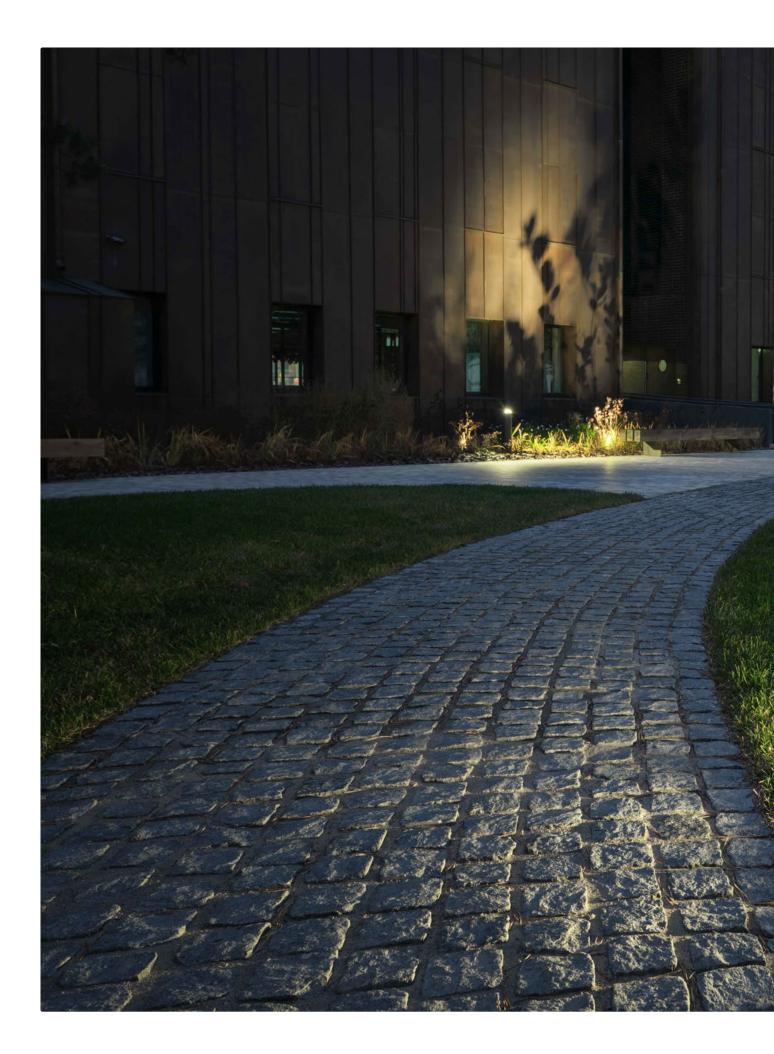
Febo Evo is a 360° grazing light fixture for ground and wall-mounted installations. It produces a circular effect which can be modulated using special accessories. Its light adheres perfectly to architectural surfaces, enhancing textures and materials on facades. It has a compact design, high resistance 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	Easy Custom Colours
CONTROL			**POWER SUPPLY**	**FINISH**	

IP67	3500 K Power Supply Cataphoresis treatment
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.
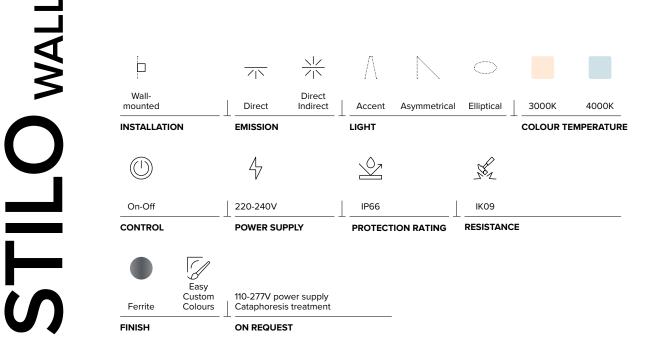
FEBO EVO
220-240Vac | Ra80 | Fixture flux 3000K 2585lm
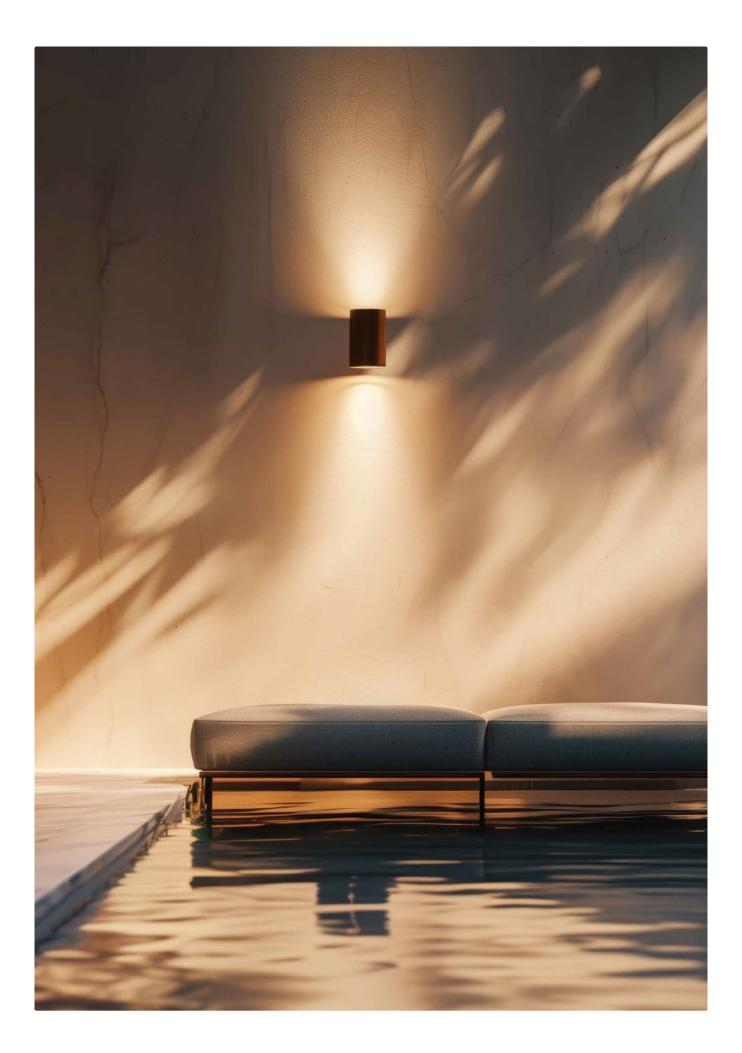
`▢` `2.7` `IP67` `IK10`

150

Ø160

Emission	Optic	Driver	2700K	3000K	4000K
RADIAL 36W	WFL	ON-OFF	**1E3189EL**	**1E3190EL**	**1E3191EL**
		DALI	**1E3189DA**	**1E3190DA**	**1E3191DA**

Note   Accessory codes on page 611.

Accessory codes
FEBO EVO

Shutter

	Code
	1E3399

120° shutter kit (with 4 cut zones that allow to shutter even 105°/90°/75°/60° angles).
Max. no. of kits per product: 2.

Tool

	Code
	1E3305

(Tightening) wrench for the connector kit.

Control systems

	Code
	1E3048

IP67 wireless control unit with DALI interface.
More details on page 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

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

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

STILO WALL

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**

Ferrite	Easy Custom Colours	110-277V power supply Cataphoresis treatment
FINISH	**ON REQUEST**
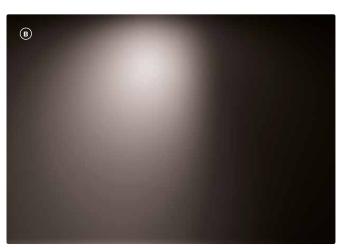
Wall-mounted

A
Elliptical emission
Available with 21W or 33W power for grazing but filling effects at the same time, ideal for lighting facades.

B
Asymmetrical emission
Available with 21W or 33W 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
Narrowspot 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
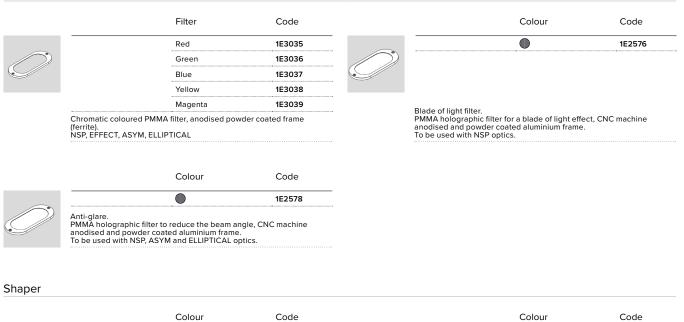
IP66 IK09

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	ASYM	ON-OFF	●	**1E2552**	**1E2877**
	ELL	ON-OFF	●	**1E2554**	**1E2879**
MONO-EMISSION 35W	ASYM	ON-OFF	●	**1E2553**	**1E2878**
	ELL	ON-OFF	●	**1E2555**	**1E2880**
BI-EMISSION 48W	ASYM-ASYM	ON-OFF	●	**1E2557**	**1E2884**
	ELL-ELL	ON-OFF	●	**1E2558**	**1E2885**
	ELL-ASYM	ON-OFF	●	**1E2559**	**1E2886**

Dimensions: 184, 80, 282, 116

Note EFFECT Version: the fixture comes equipped with a 90° beam aperture.
The beam can be shaped using shutter accessories.

Accessory codes
STILO Wall Flat

Filter

Filter	Code
Red	**1E3035**
Green	**1E3036**
Blue	**1E3037**
Yellow	**1E3038**
Magenta	**1E3039**

Chromatic coloured PMMA filter, anodised powder coated frame (ferrite).
NSP, EFFECT, ASYM, ELLIPTICAL

Colour	Code
●	**1E2576**

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, ASYM and ELLIPTICAL optics.

Shaper

Colour	Code
●	**1E2901**

30° shutter.
Powder coated stainless steel plate.
EFFECT

Colour	Code
●	**1E2902**

Blade effect shutter.
PMMA plano convex cylindrical lens and powder coated stainless steel plate.
EFFECT
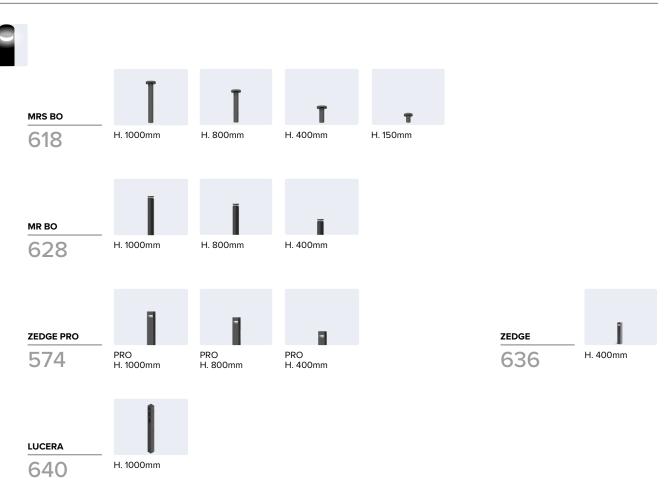
Screen

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

Ceiling and Wall

BOLLARD

Outdoor

Bollard

MRS BO

618

H. 1000mm   H. 800mm   H. 400mm   H. 150mm

MR BO

628

H. 1000mm   H. 800mm   H. 400mm

ZEDGE PRO

574

PRO
H. 1000mm

PRO
H. 800mm

PRO
H. 400mm

ZEDGE

636

H. 400mm

LUCERA

640

H. 1000mm

MRS BO BOLLARD
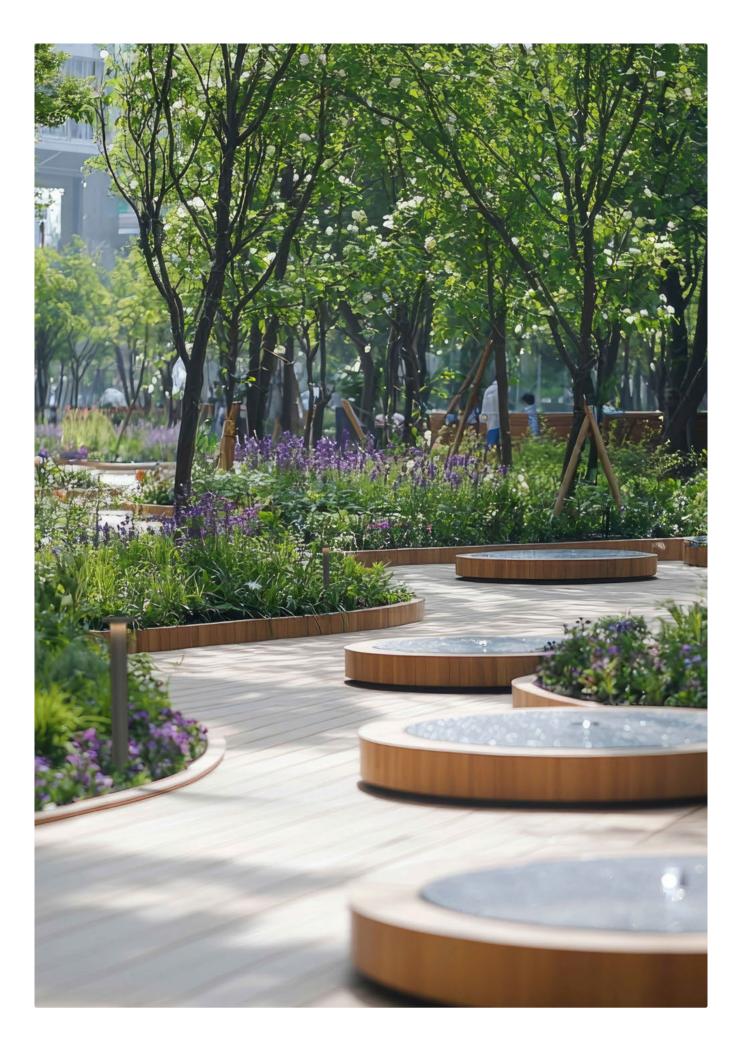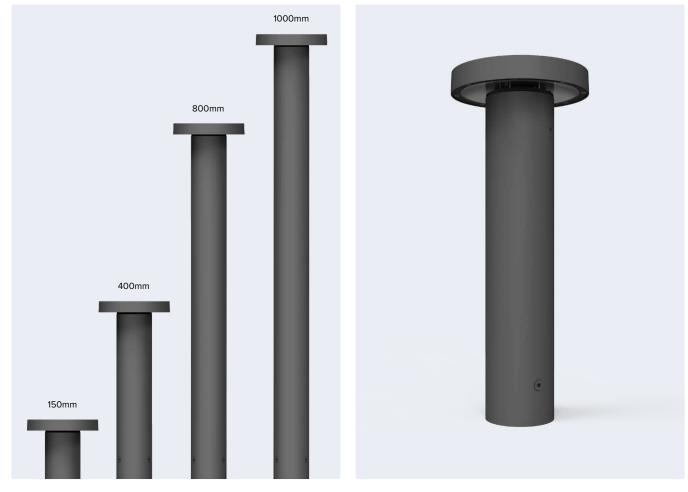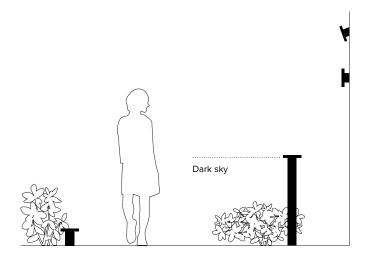
MRS BO the slender, with a proportionate and harmonious shape but with great strength and resistance, has light emissions compliant with all light pollution regulations.

Pole	Floor Washer		
INSTALLATION	**LIGHT**		

2700K	3000K	3500K	4000K
COLOUR TEMPERATURE			

On-Off	Dali	Casambi
CONTROL		

Remote driver	Integrated driver
POWER SUPPLY	

Ferrite	Easy Custom Colours
FINISH	

IP66
PROTECTION RATING

ON REQUEST

Easy Custom Colours
Cataphoresis treatment
110-277V power supply
Ra90

Bollard

1000mm

800mm

400mm

150mm
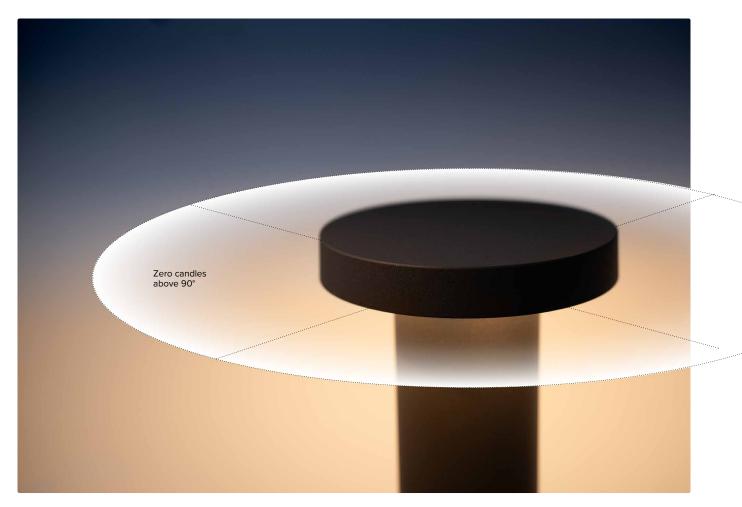
Different heights
There are three different poles that can be ordered separately, there is also the Path version of 150mm which is the only one where the optical head is already included with the pole. All versions must be completed with a fixing system.
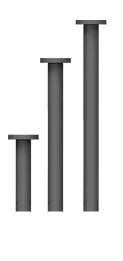
MRS BO bollard consists of different optical heads chosen based on the desired emission and poles of different heights.
The MRS BO range is completed with wall-mounted versions for coordinated outdoor lighting.

Dark sky

Zero candles
above 90°

Compliant with light pollution regulations
Mʀs 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 Mʀs 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.

Mʀs BO BOLLARD
Up to 49lm/W
From 236lm to 978lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1589 Imax=181cd/klm
Radiale 90°

TS1588 Imax=142cd/klm
Radiale 90°+90°

TS1590 Imax=118cd/klm
Radiale 180°
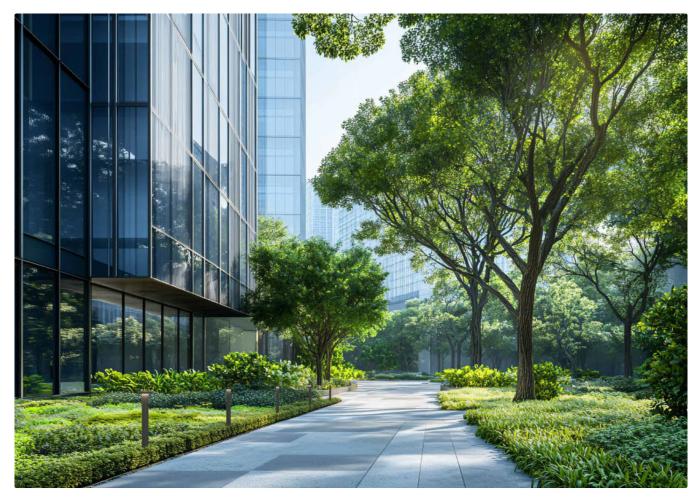
TS1587 Imax=88cd/klm
Radiale 360°

Mʀs BO PATH
Up to 40lm/W
From 363lm to 393lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1789 Imax=96cd/klm
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.

360° emission
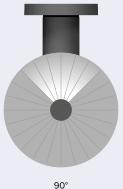
180° emission
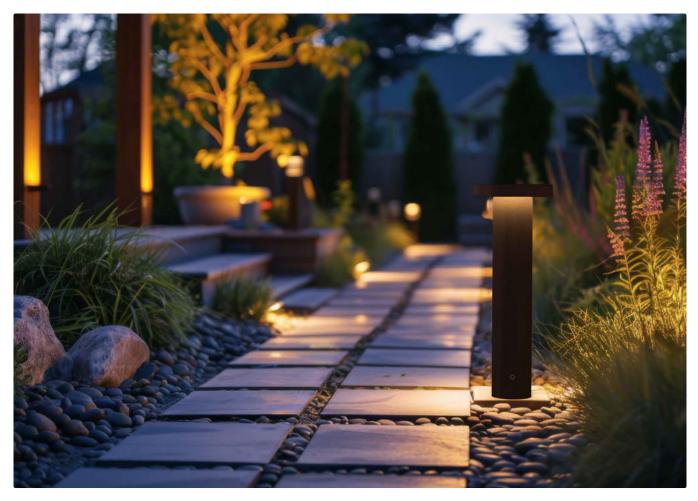
90° emission

90° + 90° emission
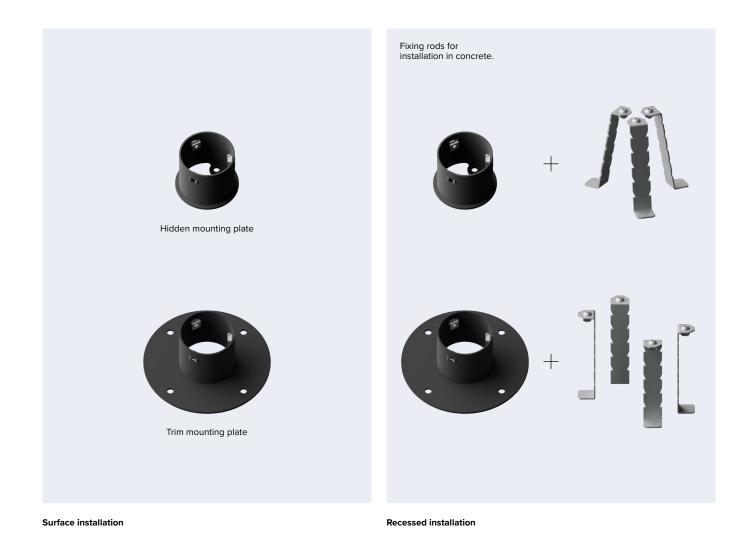
MRS BO Path 150mm produces a single 360° radial emission in four different colour temperatures. It is suitable for step marker lighting.

180°
emission

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

Fixing rods for installation in concrete.

Hidden mounting plate

Trim mounting plate

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
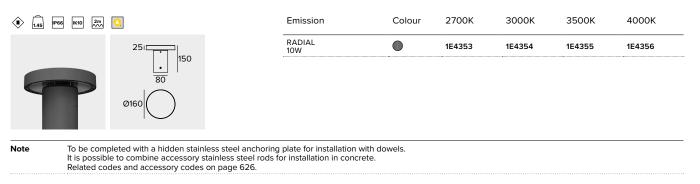
	□	1.24	IP66	IK10		

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

Ø160 — 62 | 25 | 220

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 625.

MRS BO PATH
24Vdc | Ra80 | Fixture flux 3000K 379lm

	◇	1.45	IP66	IK10	2m	

Emission	Colour	2700K	3000K	3500K	4000K
RADIAL 10W	●	1E4353	1E4354	1E4355	1E4356

25 | 150 | 80 | Ø160

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 626.

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
1E4034

Fixing rods for installation in concrete.
AISI 316 stainless steel.
H=144mm.
0.31Kg.
To install MRS BO with hidden fixing plate (1E4360).

Code
1E4035

Fixing plate with flange.
AISI 316 stainless steel compatible with dowels to be inserted into holes with 8.5mm diameter.
0.62Kg.

Code
1E3450

Fixing rods for installation in concrete.
AISI 316 stainless steel.
H=147mm.
0.36Kg.
To install MRS BO with fixing plate with flange (1E4035).

Related codes and accessories
MRS BO BOLLARD

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.

	Code
	1E3184

IP68 4-way cable connector (5 pole).

Tool

	Code
	1E3305

(Tightening) wrench for the connector kit.

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

Related codes and accessories
MRS BO PATH

Related codes

Mounting System

	Code
	1E4034

Fixing rods for installation in concrete.
AISI 316 stainless steel.
H=144mm.
0.31Kg.

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.

Related codes and accessories
MRS BO PATH

Accessory codes

Connector

	Code
	1E4358
	Connection box - Connection in parallel 1IN-2OUT.

	Code
	1E4184
	Connection kit 24/48V.

Tool

	Code
	1E4171
	Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring 1E4184 connection kit.

Control systems

	Code
	1T6581
	Dimmer for 12-24Vdc constant voltage LED driver. 1-10V/DALI control input. IP20

Related codes and accessories
MRS BO | Codes compatible with the whole range

Related codes

Mounting System

	Code
	1E4360
	Hidden fixing plate. AISI 316 stainless steel compatible with dowels to be inserted into holes with 8mm diameter. 0.3Kg.

Accessory codes

Control systems

	Code
	1E3048
	IP67 wireless control unit with DALI interface. More details on page 676.
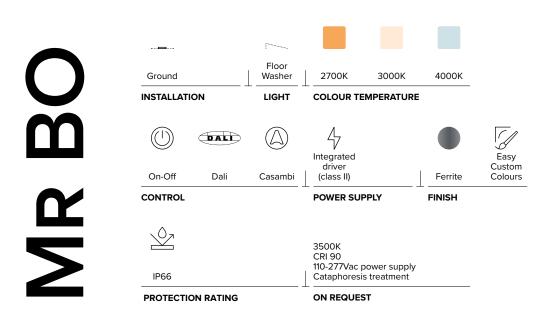
	Code
	1E4369
	IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 676.

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	Integrated driver (class II)	Ferrite	Easy Custom Colours
CONTROL			**POWER SUPPLY**	**FINISH**	

IP66	3500K CRI 90 110-277Vac power supply Cataphoresis treatment
PROTECTION RATING	**ON REQUEST**

Bollard

emission to
360°

emission to
180°

emission to
90°

emission to
90° + 90°

1000mm

800mm

400mm

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.
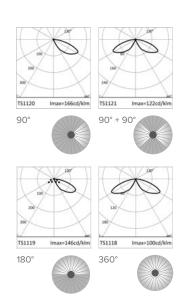
Excellent lighting performance
The high quality of the optical system developed for Mʀ BO makes it possible to obtain a distance of 8m between one fixture and another and an average luminance of 40 lux.
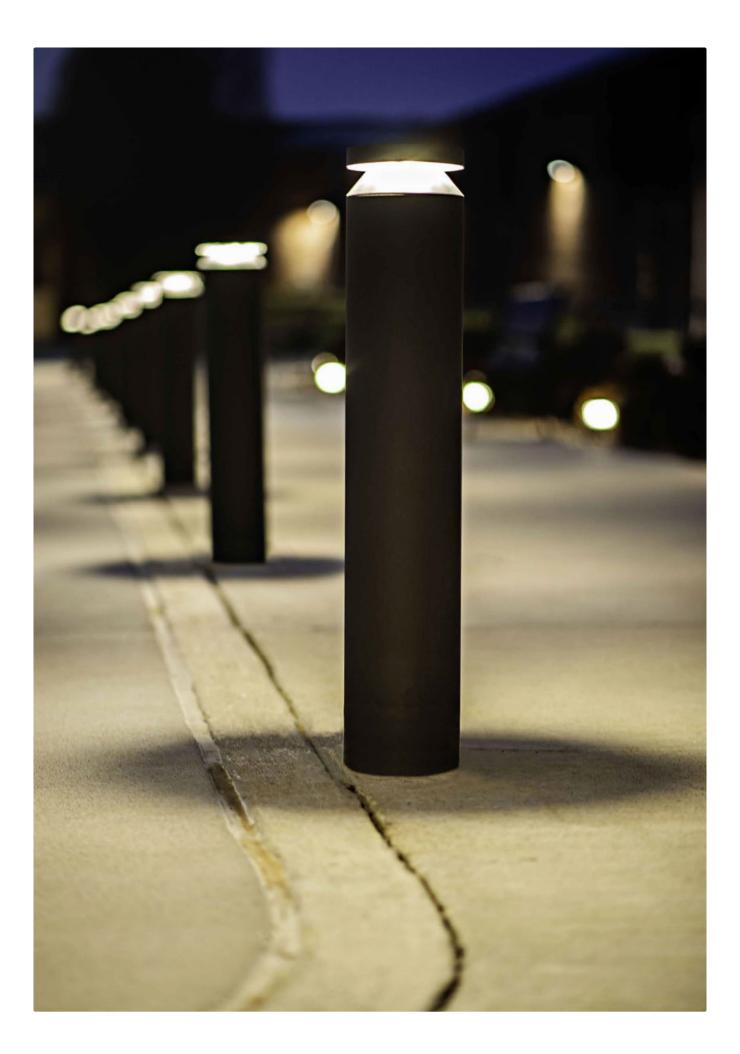
Average luminance 40lx

8m

Mʀ BO
Up to 48lm/W
From 216lm to 1278lm
2700K - 3000K - 4000K
Ra80

TS1120 Imax=166cd/klm	TS1121 Imax=122cd/klm
90°	90° + 90°
TS1119 Imax=146cd/klm	TS1118 Imax=100cd/klm
180°	360°
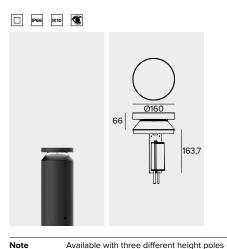
Fixing system
1. A retractable plate for surface installation. The plate is not visible when it is installed in the ground.
2. A large plate for surface installation. The plate remains visible even when the product is installed.
3. Plate for installation with fixing rods for installation in concrete.

Perfect light emission control
Thanks to the new accessory for light pollution control Mʀ BO ensures emissions equal to 0 cd/klm to 90° and beyond, thus respecting national and international requirements for light pollution control. This makes Mʀ BO ideal above all for urban-public environments, where regulations on light pollution are stricter.

Bollard

MR BO Optic head for bollard H. 334mm
220-240Vac | Ra80 | Fixture flux 3000K from 216lm to 916lm

	IP66	IK10	
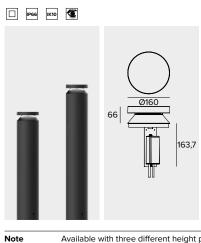
Emission	Driver	Colour	2700K	3000K	4000K
90° 9W	ON-OFF	●	1E3428EL	1E3429EL	1E3430EL
	DALI	●	1E3428DA	1E3429DA	1E3430DA
90°+90° 13W	ON-OFF	●	1E3431EL	1E3432EL	1E3433EL
	DALI	●	1E3431DA	1E3432DA	1E3433DA
180° 13W	ON-OFF	●	1E3425EL	1E3426EL	1E3427EL
	DALI	●	1E3425DA	1E3426DA	1E3427DA
360° 20W	ON-OFF	●	1E3422EL	1E3423EL	1E3424EL
	DALI	●	1E3422DA	1E3423DA	1E3424DA

Ø160 — 66 — 163,7

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 634.

MR BO Optic head for bollard H. 734/934mm
220-240Vac | Ra80 | Fixture flux 3000K from 310lm to 1221lm

	IP66	IK10	

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

Ø160 — 66 — 163,7

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 634.

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
	1E3448

Plate with fixing rods for installation in concrete.
AISI 316 stainless steel.
0.54Kg.

	Code
	1E3449

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.

Outdoor

Related codes and accessories

MR BO

Related codes

Mounting System
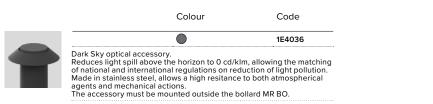
	Code
	1E3510

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.

Accessory codes

Dark Sky

	Colour	Code
	●	**1E4036**

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 resitance to both atmospherical agents and mechanical actions.
The accessory must be mounted outside the bollard MR BO.

Connector

	Code			Code
	1E2769			**1E2494**

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

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.

Control systems

	Code			Code
	1E3048			**1E4369**

IP67 wireless control unit with DALI interface.
More details on page 676.

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 676.

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

Bollards

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

Surface	Floor Washer	2700K	3000K	3500K	4000K
INSTALLATION	**EFFECTS**	**COLOUR TEMPERATURE**			

On-Off	Dali	Casambi	24V	Ferrite	Easy Custom Colours
CONTROL			**POWER SUPPLY**	**FINISH**	

IP66	110-277V Power Supply Cataphoresis treatment
PROTECTION RATING	**ON REQUEST**

Bollard

ZEDGE Bollard
24Vdc | Ra90 | Fixture flux 3000K 181lm

◈ | 0.8 | IP66 | IK10 | ⚠

Power	Colour	2700K	3000K	3500K	4000K
4W	⬤	**1E389690**	**1E389790**	**1E389890**	**1E389990**

Note   Related codes and accessory codes on page 638.

Related codes and accessories
ZEDGE Bollard

Related codes

Mounting System

	Code
	1E3740

AISI 316 stainless steel plate with fixing rods for installation in concrete.

	Code
	1E3741

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 (+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
	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.

Accessory codes

Connector

	Code
	1E2493

Linear connection box IP68.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.

Tool

	Code
	1E3305

(Tightening) wrench for the connector kit.

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 676.

	Code
	1E4369

IP67 Extender for wireless control of LED driver with dimming DALI
interface based on Casambi technology.
More details on page 676.

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
INSTALLATION	**LIGHT**	

2700K	3000K	3500K	4000K	Tunable White 2700K-5000K	RGBW
COLOUR TEMPERATURE					

Dali	Dali DT8	DMX	110-277V	Ferrite	Easy Custom Colours	IP66
CONTROL			**POWER SUPPLY**	**FINISH**		**PROTECTION RATING**
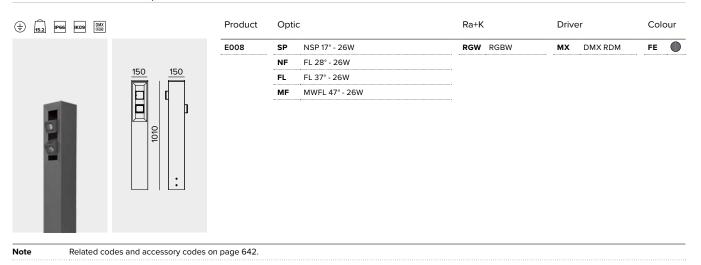
LUCERA Bollard
120-240Vac | Ra80 | Fixture flux 3000K from 1268lm to 1416lm

⏚ 🔋13 IP66 IK09 ◱

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 642.
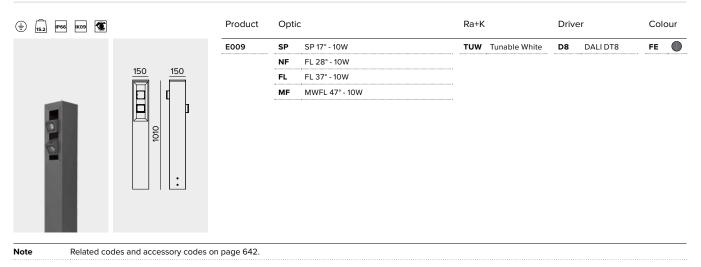
LUCERA Bollard RGBW
120-240Vac | Fixture flux up to 622lm | RGBW W=6500K

⏚ 🔋15.2 IP66 IK09 DMX/RDM

Product	Optic			Ra+K		Driver		Colour	
E008	SP	NSP 17° - 26W		RGW	RGBW	MX	DMX RDM	FE	●
	NF	FL 28° - 26W							
	FL	FL 37° - 26W							
	MF	MWFL 47° - 26W							

Note   Related codes and accessory codes on page 642.

LUCERA Bollard TW
120-240Vac | Ra80 | Fixture flux from 498lm to 746lm

⏚ 🔋15.2 IP66 IK09 ◱

Product	Optic			Ra+K		Driver		Colour	
E009	SP	SP 17° - 10W		TUW	Tunable White	D8	DALI DT8	FE	●
	NF	FL 28° - 10W							
	FL	FL 37° - 10W							
	MF	MWFL 47° - 10W							

Note   Related codes and accessory codes on page 642.

Bollards
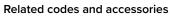
Related codes and accessories
LUCERA Bollard RGBW

Accessory codes

Control systems

	Code
	1E2767
USB-RDM Programmer code. More details on page 682.	

	Code
	1T1898
my-SCENARIO Show Store. More details on page 682.	

	Code
	1T6499
myScenario Wall. More details on page 682.	

Related codes and accessories
LUCERA | Codes compatible with the whole range

Related codes

Mounting System

	Colour	Code
	●	**A012AFE**
Hidden fixing plate. Powder coated stainless steel.		

	Colour	Code
	●	**A012CFE**
Fixing plate with flange. Powder coated stainless steel.		

Accessory codes

Mounting System

	Code
	A012B
Fixing rods for stainless steel fixing plate.	

	Colour	Code
	●	**A011BFE**
Anti-glare louver. Powder coated stainless steel.		

Screen

	Colour	Code
	●	**A011AFE**
Symmetric screen. Powder coated stainless steel.		

	Colour	Code
	●	**A011CFE**
Asymmetric screen. Powder coated stainless steel.		

Holder Ring

	Colour	Code
	●	**A011DFE**
Holder ring. Powder coated aluminium.		

Filter
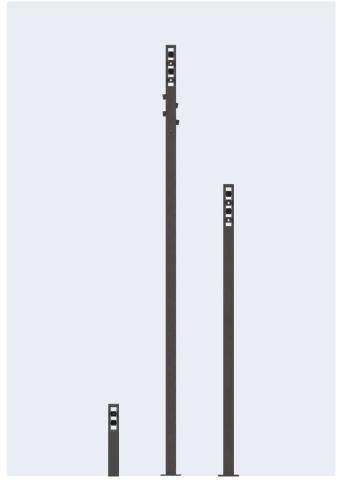
	Code
	A011E
Blade of light filter. To be completed with holder ring.	

POLE SYSTEM

Outdoor

Pole system

LUCERA

646

H. 3500mm
H. 5000mm

LUCERA
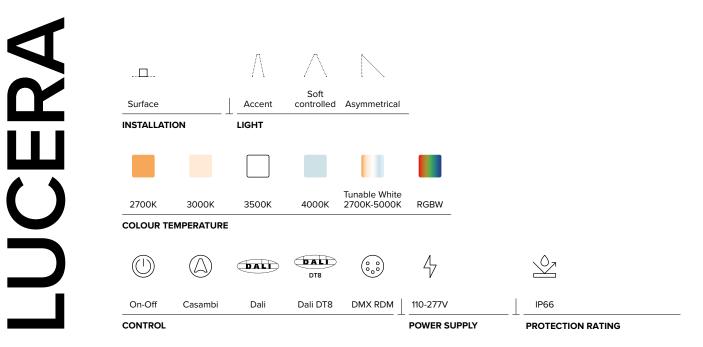
The LUCERA system was developed to provide an extremely flexible solution for lighting modern urban areas able to adapt to the specific needs of outdoor spaces in terms of safety, efficiency and versatility. LUCERA is a fully customisable modular system in height, optical distribution, and adjustability.

Surface		Accent	Soft controlled	Asymmetrical
INSTALLATION		**LIGHT**		

2700K	3000K	3500K	4000K	Tunable White 2700K-5000K	RGBW

COLOUR TEMPERATURE

On-Off	Casambi	Dali	Dali DT8	DMX RDM	110-277V	IP66
CONTROL					**POWER SUPPLY**	**PROTECTION RATING**

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 15°
NFL 29°
FL 36°
MWFL 44°

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
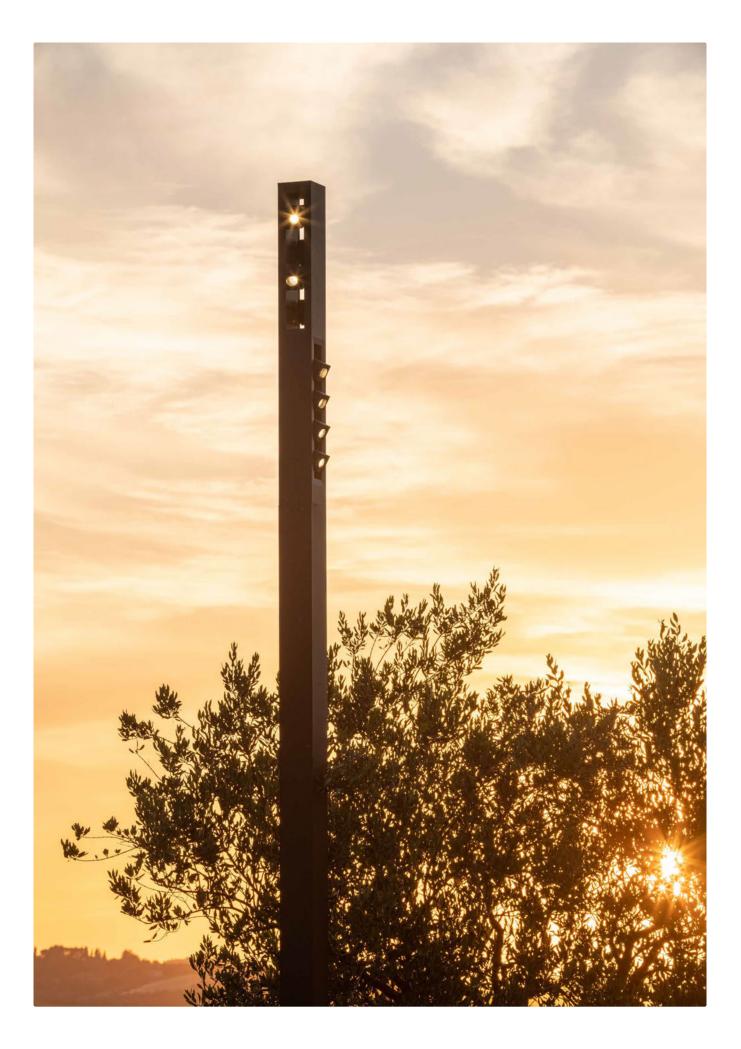
Pole height
H. 350cm
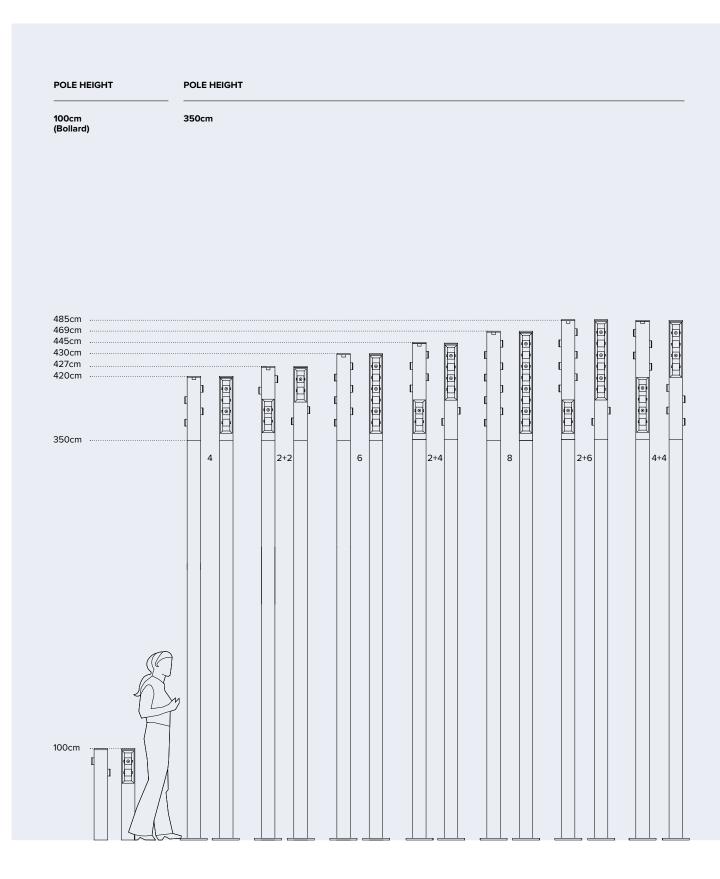
Min/max height of the system
420cm – 485cm
*Contact the company for further
configurations

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 System

**100cm
(Bollard)**

350cm

485cm

469cm

445cm

430cm

427cm

420cm

350cm

4

2+2

6

2+4

8

2+6

4+4

100cm

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
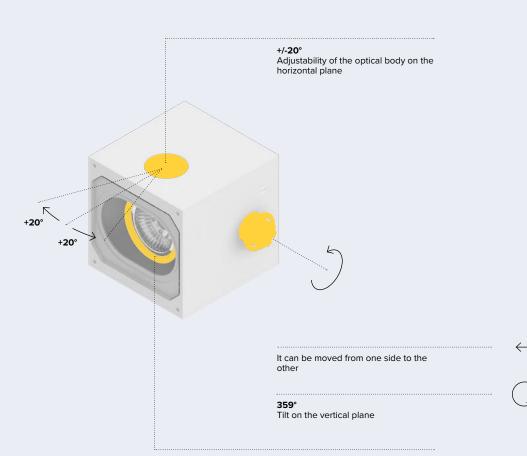
500cm

634cm
622cm
610cm
597cm
579cm
570cm

500cm

4   2+2   6   2+4   8   2+6   4+4

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

+20°

+20°

It can be moved from one side to the other

359°
Tilt on the vertical plane
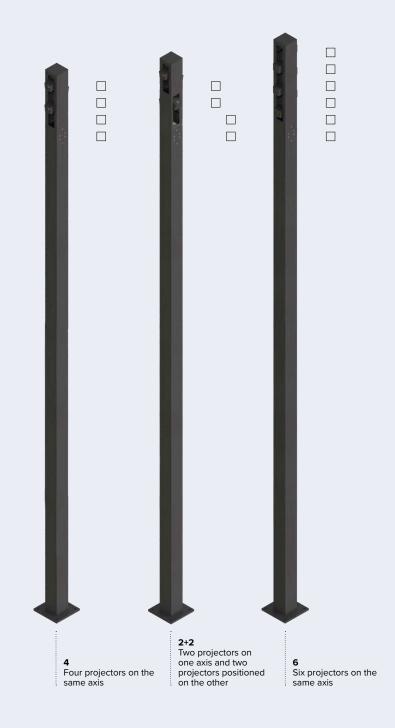
Beam opening
SP (15°)
NFL (29°)
FL (36°)
MWFL (44°)

A1 – A2
The optical head must be equipped with a pair of projectors that are available with 4 different beam openings.

A1

A2

Pole System
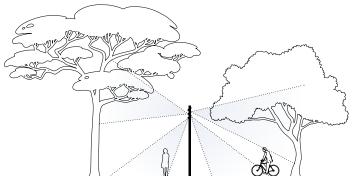
Every pole can be equipped with 4, 6 or 8 projectors positioned on a single axis or on two axes, for maximum project flexibility.

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
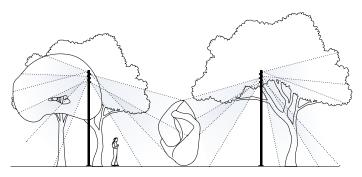
7 different optical heads

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

Pole System

4 projectors
445cm

6 projectors
597cm

Landscape
Trees and paths
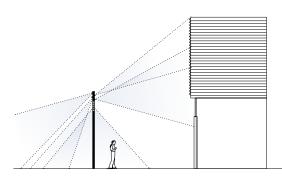
Sculptural
Accent and general lighting
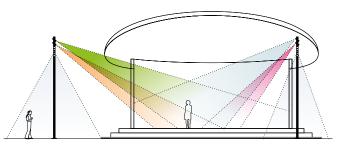
Application scenarios

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
485cm

4+4 projectors
634cm

Streetscape
Pedestrian areas and facades

Performance / Entertainment
Stages and wide surfaces
(Colour changing lighting)

Tunable White and RGBW Solutions
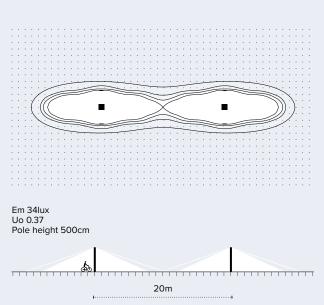
Versions equipped with Tunable White and RGBW LED sources make it possible to vary the tone and colour of the light, making LUCERA a system that is also suitable for scenographic lighting.

2+6 proiettori   4+4 proiettori

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

20m
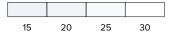
Fixed optics

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.
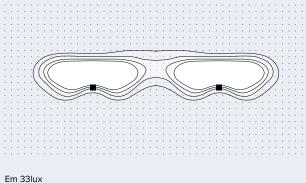
There are five assembled optical systems available with the same number of light distributions.

Light distribution calculated using 400K LED sources.
Lighting \[lx]

15	20	25	30

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.
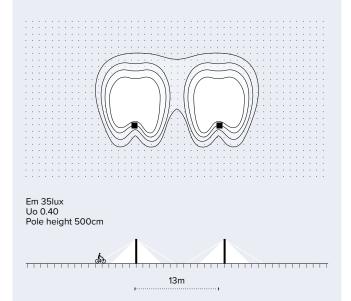
Em 33lux
Uo 0.35
Pole height: 500cm

20m

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

14m

TYPE III
ASYMMETRICAL BATWING
DISTRIBUTION

2+6 projectors
This type of distribution is used where it is important to push the light both in 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 350 cm pole and 14 metres for a 500cm pole.

Em 35lux
Uo 0.40
Pole height 500cm

13m

TYPE III
ASYMMETRICAL BATWING
DISTRIBUTION

2+6 projectors
This type of distribution is used where it is important to push the light both in 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 350 cm pole and 14 metres for a 500cm pole.

Em 35lux
Uo 0.40
Pole height 500cm

15m

Pole System

Adjustable optical body
Up to 87lm/W
From 3388lm to 8360lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1818 Imax=4924cd/klm	TS1819 Imax=2070cd/klm	TS1820 Imax=1366cd/klm
SP 17°	FL 28°	FL 37°
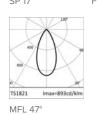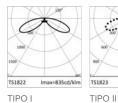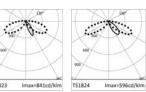
TS1821   Imax=893cd/klm
MFL 47°

Fixed optical body
Up to 67lm/W
From 5085lm to 6404lm
2700K - 3000K - 3500K - 4000K
Ra80

TS1822 Imax=835cd/klm	TS1823 Imax=841cd/klm	TS1824 Imax=596cd/klm
TIPO I	TIPO II	TIPO III

TS1825 Imax=1009cd/klm	TS1826 Imax=306cd/klm
TIPO IV	TIPO V
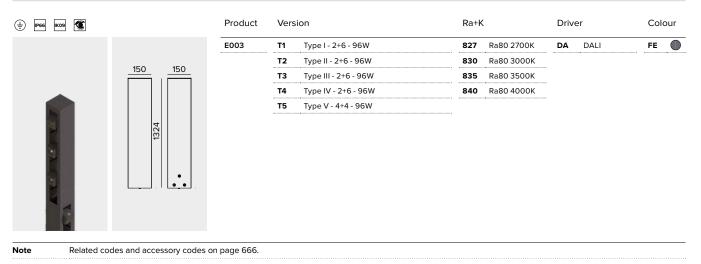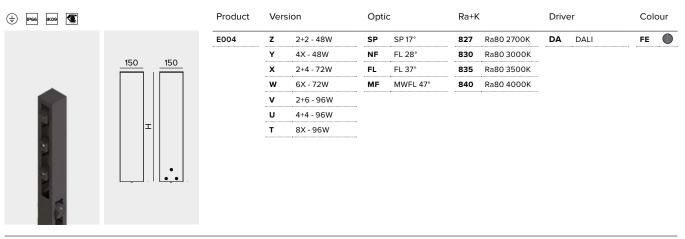
LUCERA System | Optical head | Fixed
120-240Vac | Ra80 | Fixture flux 3000K from 5336lm to 6090lm

	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						

150   150

1324

Note Related codes and accessory codes on page 666.
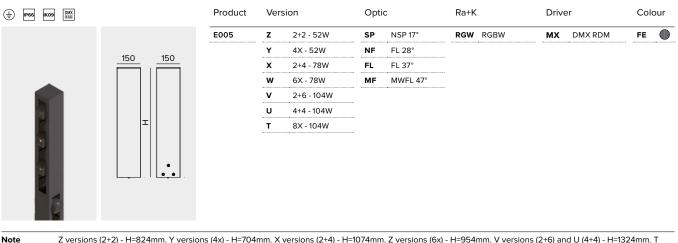
LUCERA System | Optical head | Adjustable
120-240Vac | Ra80 | Fixture flux 3000K from 3556lm to 7952lm

	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								

150   150

H

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 664.

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 17°	RGW	RGBW	MX	DMX RDM	FE	
		Y	4X - 52W	NF	FL 28°						
		X	2+4 - 78W	FL	FL 37°						
		W	6X - 78W	MF	MWFL 47°						
		V	2+6 - 104W								
		U	4+4 - 104W								
		T	8X - 104W								

150   150

H

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 664.
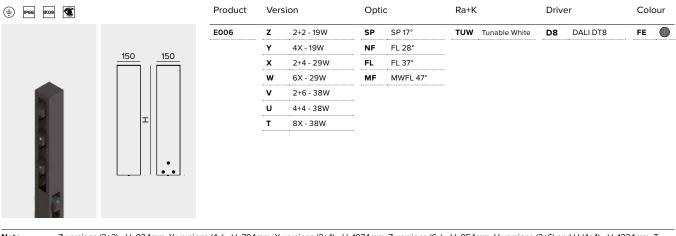
LUCERA System | Optical head | Adjustable TW
120-240Vac | Ra80 | Fixture flux from 996lm to 2984lm

Product	Version		Optic		Ra+K		Driver		Colour	
E006	Z	2+2 - 19W	SP	SP 17°	TUW	Tunable White	D8	DALI DT8	FE	●
	Y	4X - 19W	NF	FL 28°						
	X	2+4 - 29W	FL	FL 37°						
	W	6X - 29W	MF	MWFL 47°						
	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 665.

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.

Outdoor

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 682.

	Code
	1T6499

myScenario Wall.
More details on page 682.

	Code
	1T1898

my-SCENARIO Show Store.
More details on page 682.

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
	⬤	**E002ZFE**

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.

	Colour	Code
	⬤	**E002YFE**

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.

Mounting System

	Code
	E001A

Fixing rods for galvanized steel pole.

Accessory codes

Mounting System

	Colour	Code
	⬤	**A010AFE**

Plate cover 275x275mm.
Powder coated stainless steel.

LIGHT MANAGEMENT SYSTEM

HOW WE CONTROL OUR FIXTURES

DALI

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
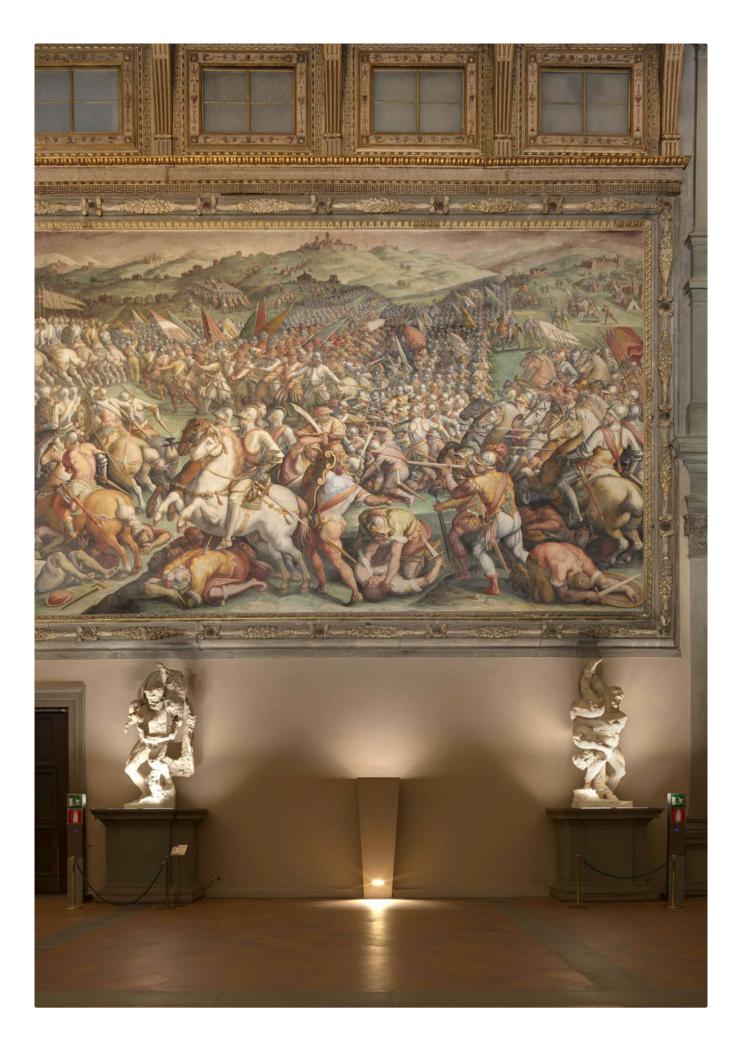
Targetti Control powered by Casambi

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.

Light Management System

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.
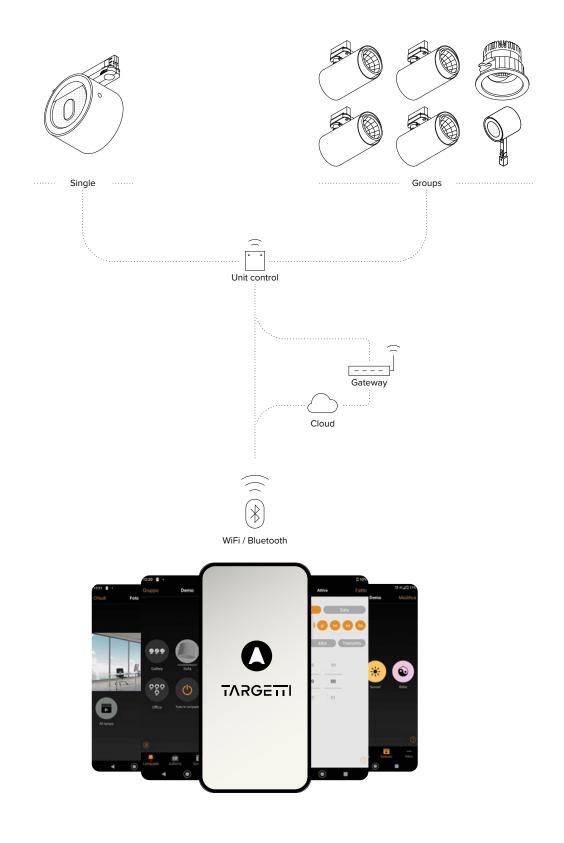
Mesh self-healing network
LMS allows the final user to generate adaptive and multipoint networks: "adaptive" because every fixture can work as a buffer for all the others, adapting automatically to various contexts to optimise control signal propagation; "multipoint" because you can connect up to 250 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.

Light Management System

Installation sequence

Single

Groups

Unit control

Gateway

Cloud

WiFi / Bluetooth

TARGETTI

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

Light Management System

674

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 678 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 seethe website.

UNITÀ DI CONTROLLO IP20 - DALI

1T5349

IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enhabling 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, maning 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

2T0131

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

1E3048

IP67 wireless control unit with DALI interface. It generates a local DALI2 bus, enhabling 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, maning 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

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. LxHxP=90x12x90mm.

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.
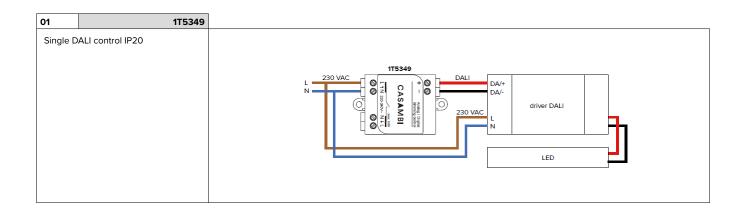
Dimensions	40,4x14x36,3mm
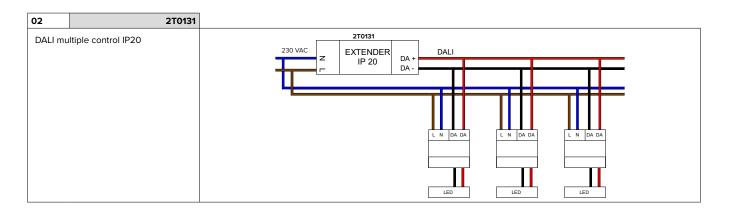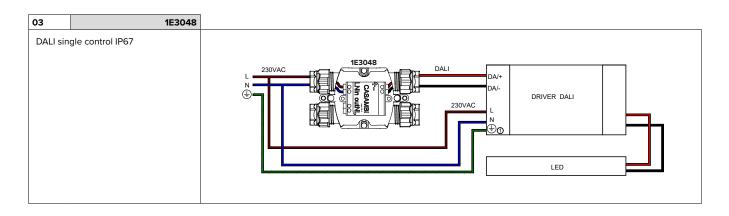
Quadro sinottico accessori Casambi

Product		Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 680
	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. 680
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	Con controller DALI			●	●	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
RGB and RGBW fixtures

For programming and control RGB and 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.

Alimentazione degli apparecchi
Gli apparecchi RGB e RGBW a LED necessitano di alimentatori speciali con tecnologia PWM (Pulse Width Modulation) che consentono la regolazione separata dell'intensità luminosa dei vari colori primari. Nei prodotti RGB e RGBW di dimensioni maggiori, l'elettronica di alimentazione viene sempre abbinata a quella necessaria al controllo dinamico (DMX); in questo caso gli apparecchi sono autosufficienti e vengono definiti "intelligenti"; quando invece si tratta di apparecchi più piccoli, questi necessitano di un dispositivo esterno denominato SECS BOX che può alimentare e controllare più apparecchi allo stesso tempo. Gli apparecchi e i driver RGB sono compatibili con il protocollo di controllo DMX e sono dotati di dip switch per la programmazione degli indirizzi e delle modalita di funzionamento. Gli apparecchi RGBW sono compatibili con il protocolo DMX – RDM che permette la programmazione da remoto tramite la linea dati.

Automatic operation
To programme colour-changing light scenarios an external device is usually needed.
Thanks to the "Easy-Run-Menu" function the so called "intelligent" RGB fixtures and the SECS drivers can operate automatically performing dynamic colour sequences without any external controller. Through internal dip-switches it is possible to select among 16 different chromatic sequences:
• 8 static colour scenarios
• 8 dynamic colour sequences
• 5 different playback speed values (30sec, 80sec, 160sec, 320sec, 740sec).

"Master/slave" - Configuration
RGB Fixtures can be configured in a master/slave configuration where a virtually unlimited number of fixtures is controlled by a main one. In case of "non intelligent" fixture the master/slave configuration is achieved through a SECS BOX.

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;
- rallowing 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.
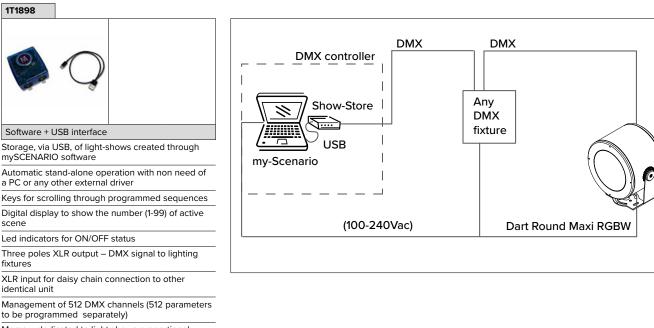
The software provides a graphic simulation of the operating keys of lighting controller; the

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 built-in calendar allows a full time scheduling of show playback (month, day, hour, minutes, recurring events). The programmed light shows can be transferred to the different control interfaces.

MYSCENARIO SHOW STORE

TYPIAL WIRING LAYOUT

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)

Internal clock for sequences triggering

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 RGB and RGBW products.

MYSCENARIO WALL

1T6499	

Power supply	6 Vdc
Output	4W
Memory	SD card
DMX Channels	2 x 51 1
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.
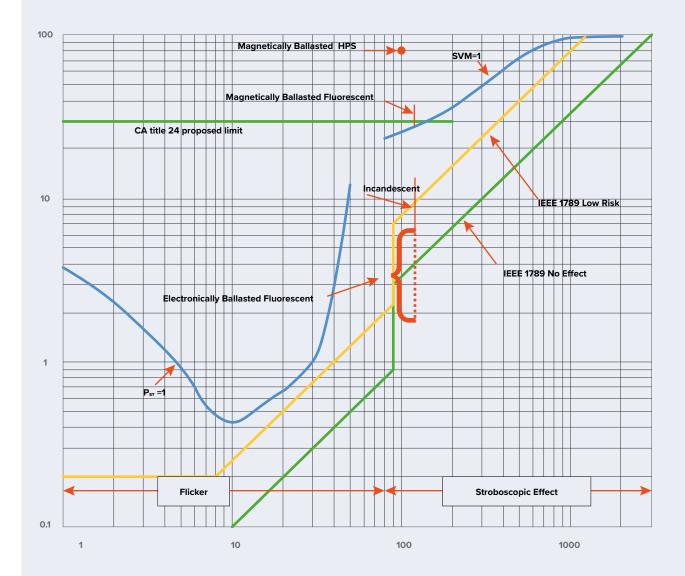
SVM=0,4 represents the visibility threshold in a test group of people that quantifies the stroboscopic effect in defined laboratory conditions.

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 photo-biological 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.

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POWER SUPPLY

Electronic ballast/power supply for LED source

Power	LxHxP	Power supply	Output current	Output voltage	Dimming	Protection	
17W	Ø 105 H 74	220-240V	700 mA			IP68	**1E1385**
12W	Ø 105 H 74	110-120V	700 mA			IP68	**1E1385**
70W	225x51x65	220-240V		48V-DC		IP67	**1E2320**
150W	225x51x65	220-240V		48V-DC		IP67	**1E2321**
480W	227x100x125	220-240V		48V-DC		IP20	**1E2323**
240W	125x100x125	220-240V		48V-DC		IP20	**1E2533**
max 43W	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**
10W	79x25x38	220-240V		24V-DC		IP67	**1E3179**
15/30W	122x26x54	110-240/220-240V	700mA			IP68	**1E4239DA**
15/17W	122x26x54	110-240/220-240V	700mA			IP68	**1E4239EL**
14W	79x25x38	220-240V		24V-DC		IP67	**1E4359**
17W	122x26x54	220-240V		24V-DC		IP68	**1E4397EL**
15W	119x22x52	220-240V	350mA			IP20	**1T1757**
29W	160x35x83	110-240V	700mA			IP20	**1T2963**
29W	160x35x83	110-240V	700mA		DALI	IP20	**1T2965**
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**
max 15W	119x22x52	110-240V	350mA		DALI	IP20	**1T4630**
20W	119x22x52	220-240V	500mA		DALI	IP20	**1T4631**
15W	119x22x52	110-120V	500mA		DALI	IP20	**1T4631**
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**
max 15W	101,5x29,5x51	220-240V	350mA			IP20	**1T6503**

Power	LxHxP	Power supply	Output current	Output voltage	Dimming	Protection	
max 15W	147x30x44	220-240V	350mA		DALI	IP20	**1T6504**
max 15W	158x19x22	220-240V	350mA			IP20	**1T6505**
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**
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**

LED

Characteristics of the LED lamps Targetti fixtures are fitted with

Colour tolerance
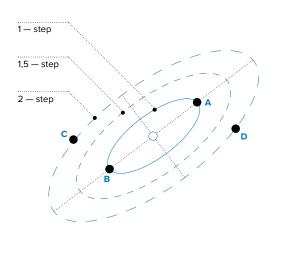
The Targetti collection uses different LED lamps depending on the type of fixture. Nevertheless the hue of the light emitted is always the same from one fixture to another because only LED lamps produced by leading companies in the sector are used, with the same chromaticity identified by the methodology of MacAdam ellipse or SDCM (Standard Color Deviation Matching).
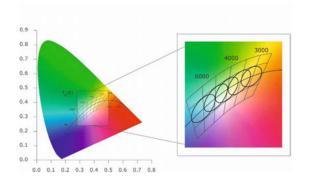
Light chromaticity is identified using a two-dimensional value within an ellipse that defines the maximum displacement of chromaticity from the point of reference (the centre of the ellipse).
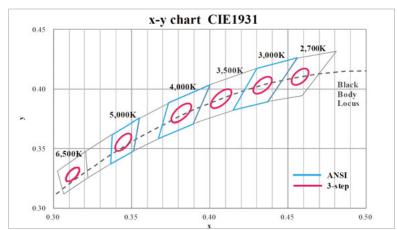
A 3 SDCM value is generally considered the maximum value before an average observer perceives chromaticity differences.
The colour tolerance values used in Targetti are as follows:
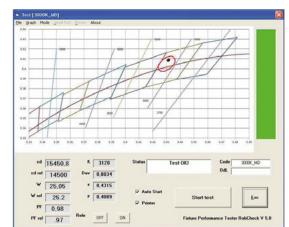
- ➜ 1.5 - 2 SDCM (1 on request) for fixtures that use COB LED lamps
- ➜ 3 SDCM (2 on request) for fixtures that use LED COB High density and LED Mid-Power lamps

It is also important to consider colour tolerance throughout the life span lamps (long term color consistency). Targetti LED lamps ensure the declared colour tolerance for the entire life of all fixtures.

Colour rendering
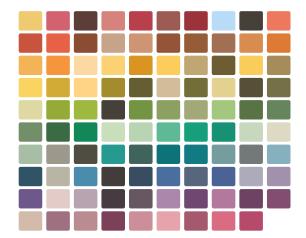
The colour rendering index is the quantitative measure of the ability of a light source to reproduce colours faithfully. The method approved and currently used is the CIE CRI (Color Rendering Index) also known as CIE Ra. To determine it a comparison is carried out between the lamps to be evaluated and a reference light source with the same colour temperature.

It is based on a comparison of 15 "patches" of colour. The Ra index is the average of the 15 Patches, R9 is the rendering of the red patch. A colour rendering index between 90 and 100 is considered excellent and a value between 80 and 90 is good. Among specialists in the field the CRI method is often contested given that it provides values that are sometimes inadequate especially for some LED sources.

At meetings between the regulatory and standardisation committees various alternative methods have been put forward. The one that is more popular and considered more reliable today is the TM 30-15 method from the IES (Illuminating Engineering Society).

Most importantly is the IES TM-30-15 IES – the acronym for the Illuminating Engineering Society – the organisation that developed the scale as a new method for evaluating the colour rendering of a light source. It appears to be more reliable than the previous Ra because it is based on the colour rendering comparison of 99 "colour patches" rather than 8+6 like the CRI. In addition, where the CRI provides a single score, therefore it does not significantly express the narrow but broad relationship between light and colour, the TM-30 appears to be more complete because it is identified using three different parameters: an Rf Fidelity index, an Rg Gamut index and a colour vector graphic. These combine to provide a more accurate image of the colour fidelity of a light source and a better explanation of the exceptional colour rendering capabilities of LED sources.

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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 particular 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).
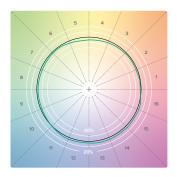
The lifetime of LED lamps is measured using tests carried out according to the IES LM80 standard. A certain number of LED lamps are left working at different temperatures for at least 6000 hours. Every 1000 hours various parameters are measured: lumen, chromaticity, power etc. The results are then processed 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.

Technical data   698

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

The Color Rendering values   determined with the TM30 method (Rf, Rg) are indicated in the product technical data sheets downloadable from the website.

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 ± 10% Then laboratory measurement uncertainties are then added:

- Lumen 5%
- Intensity 1%
- Power 0.5%
- Temperature 3%

PHOTOMETRIC DATA
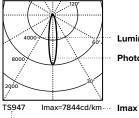
Photometric measurements were taken at the "Photometric Laboratory Targetti. These measurements are performed at a room temperature equal to 25±1 °C as required by UNI EN 13032-1 - Light and lighting - Measurement and presentation of photometric data of lamps and luminaries - Part 1.

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 fixtues and the C90-C270 plane is parallel to the fixtues, as depicted in the figue. For symmetrical and rotationally symmetric fixtues therefore, a single curve is used.

Polar dyagram
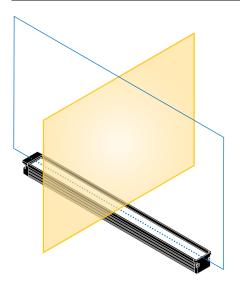
3000K Ra84	··········	**Kelvin - CRI**
Fixture Power	23W ······	**Potenza apparecchio**
Source Flux	2886lm ·····	**Flusso led**
Fixture Flux	2453lm ·····	**Flusso apparecchio**
Efficacy	107lm/W ·····	**Efficacia**
Imax	22638cd ·····	**Imax**

TS947   Imax=7844cd/km ···· **Imax**

···· **Luminous intensity**

···· **Photometric curve**

···· **Photometric code**

H(m)	D(m)	Emax(lx)	
	14°		····· **Beam angle**
1	0.24	22638	····· **Distance from the**
2	0.48	5659	**plan (m)**
3	0.72	2515	····· **Ø luminous cone (m)**
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'Eclairage (CIE) provides a classification of luminaires according to the distribution of the flux delivered within certain limits of solid angle. The first three numbers indicate the fluxes contained in the cones identified by solid angles equal to $\pi/2$, π, $3/2\pi$. The fourth number gives the percentage of direct light compared to total emission. The fifth is the ratio between the total emission of the fixtures and total emission of the lamps (efficiency of the fixtures). The 5 codes are expressed in percentages.

Fixture performance

In accordance with EN 13032-2 - Light and lighting - Measurement and presentation of photometric data of lamps and luminaries - 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'Eclairage) with the CIE 117 – 1995 publication "Glare Discomfort in Interior Lighting" in order to have a unified method for evaluating glare. Unlike the previous method (Diagram of light or Söllner), the index of glare depends on both the characteristics of the fixtures, and the characteristics of the environment in which it is installed, taking into account the relative position of observer- fixtures.
The UGR glare index is calculated from the size of the room, the type of light fixtures, its size and the surface reflection properties of the environment.
It is expressed by the formula:

$$ UGR = 8 \log \left(\frac{0{,}25}{L_b} \sum \frac{L^2 \pi}{\rho^2} \right) $$

UGR: A value that defines the class of the annoying glare (or glare that causes disruption without affecting the view of objects) directly produced by the fixtures of an indoor lighting system.

- Background luminance Lb: 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 luminary.

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
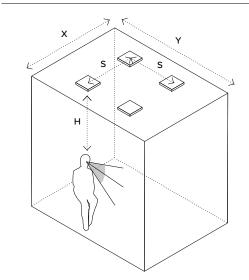- UGR C90: refers to the longitudinal direction of observation of the fixtures.

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).
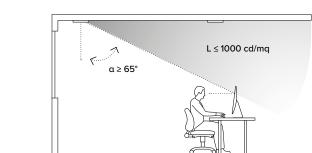
To aid better understanding, the UGR values reported in the polar diagram of the lighting fixtures have been grouped into the following illustrative classes by type of application, as specified in UNI EN 12464-1:

- <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 comfor

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

**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.

CE **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.

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.

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.
III	Class III luminaire, suitable for connection to very low voltage circuits.
IP..	Solid particle and liquid ingress protection degree.
IP.. IP..	Protection degree - Recessed part . Protection degree - Exposed part.
IK..	Impact protection degree.
ENEC	ENEC European Norms Electrical Certification.

Particular symbols

0,5	Weight of the single fixture
	Cable length
	Walk-over
	Driver-over safe
SAFE FLICKER	Fixtures that have parameters below the minimum visibility threshold PstLM≤1 and SVM≤0.4 (IEC TR 61547-1 and IEC TR 63158).
	Casambi with accessories
	Casambi ready
DMX ON BOARD	DMX on board
DBS	DBS (Dynamic Beam Shaping) optic system

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".

Light beam apertures

Optics	Optic description	from	to
NSP	Narrow Spot	5°	10°
SP	Spot	11°	20°
FL	Flood	21°	40°
MWF	Medium Wide Flood	41°	50°
WFL	Wide Flood	51°	70°
VWF	Very Wide Flood	71°	120°
WW	Wall Washer		
AS	Asymmetric		
FW	Floor Washer		
ELL	Elliptical		
ELT	Elliptical Tranversal		
AMB	Ambient		
OPL	Opal		
GRZ	Grazing		
UGR	UGR		
ZOOM	Zoom		
DBS	Dynamic Beam Shaping		

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