



i-LÈD

Retail lighting inspiration

linealightgroup

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Pound_2



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Pound_3



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Angular_1



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Angular_2



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Angular_3



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Angular_4



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Angular_4 DALI



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Angular44_4



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Angular_5



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Angular_5 DALI



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Angular44_5



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Angular_P4



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Angular_P5

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Optus_T2



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Optus_T2 EYE-WiFi

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Iris_T1



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Track System

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Trail_line



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Illuminator



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Illuminator



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1 x Casing



140/142

2 x Casing



140/142

3 x Casing

Blob40



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Blob40_1



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Blob40_2

Cob40



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Cob40_R



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Cob40_RJ

Cob44



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Cob44_R



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Tour_PU



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Baton



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Baton_P



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Baton_P



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Baton_P



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Tu-O



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Tu-V

Straight_P



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Straight_P1



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Oh!



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Oh!_PMX



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Box



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Over Voltage
Protection

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Defender

ON/OFF Control
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Bit



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Clerk

Control
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Boson



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Mini Jolly



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Argo



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Dual



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Emergency



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Wi-Fi Connection



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Linksys



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WE TURN IDEAS
INTO QUALITY DESIGN
100% MADE IN ITALY.

We design, develop,
create lighting solutions.

Experience and Expertise
enrich our vision,
thanks to a know-how that
increases with each new product.

**Today i-LèD is synonymous
with cutting-edge lighting technology.**

RETAIL





TAILOR MADE DESIGN

Our mission is to build a close relationship with designers, **looking for optimal results that can best highlight the beauty and design of the visual concept.** We deeply believe in this relationship and we are ready to put all our knowledge and technological savy into the "creative mix".

We study new solutions working side by side, as we are convinced that this synergy can give rise to ideal answers.

Walter Steiger | Paris – France



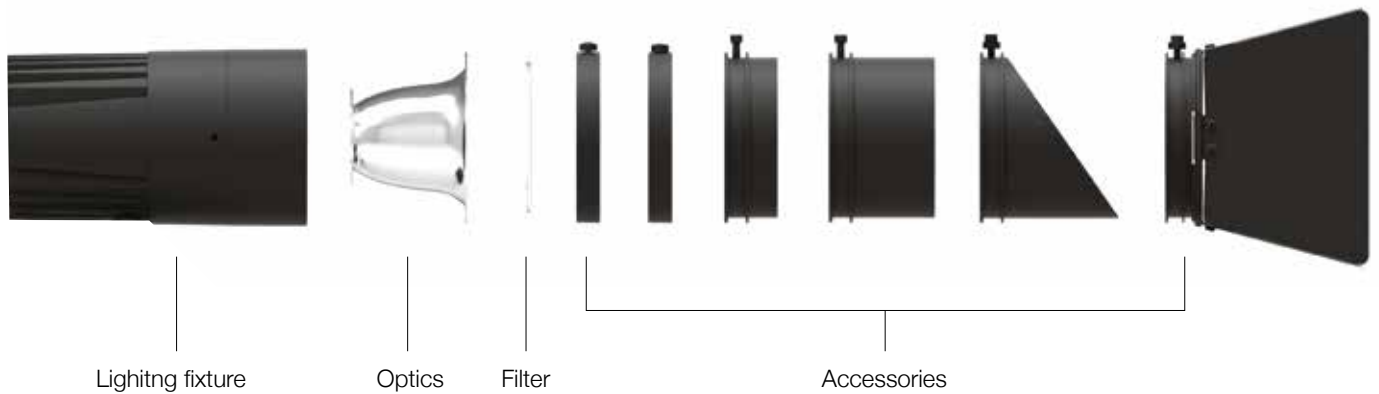


TECHNOLOGY AVAILABLE TO CLIENTS AND PRODUCTS DEDICATED TO THE PROJECT

Thanks to LED technology, today a lighting project is more articulated and precise than ever. We are able to offer immediate energy savings due to reduced consumption, clear benefits in terms of colour rendering and protection of the goods on display, thanks to fixtures devoid of harmful emissions.

We have developed ad hoc, simple and performing products, able to solve the problems traditionally related to installation, and achieve the versatile lighting required for this type of environments. Using latest generation sources allows us to reduce the size of the luminaires to a minimum, eliminating their visual impact when installed, as well as ensuring high quality and excellent luminous efficiency.

THE PERFECT LIGHTING: OPTICALS' RESEARCH AND DEVELOPMENT.

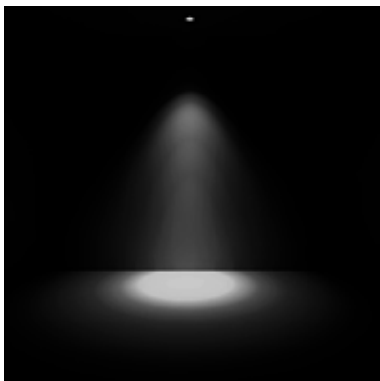


Each LED is configured to emit a certain amount of light, which changes with the addition of the optical system. The task of defining the light beam coming out of the lighting fixture is entrusted to a dedicated optical system, whose proven efficiency optimizes the source output.

Continuous research, our know-how acquired over the years, and the development of lenses and reflectors designed around LEDs allow us to propose new technical applications that can maximize the experience of lighting design in a rigorous and effective way.

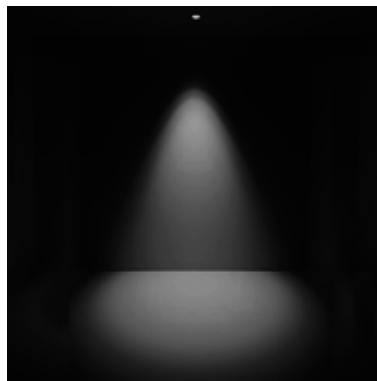
S_

Spot | 10° - 19°



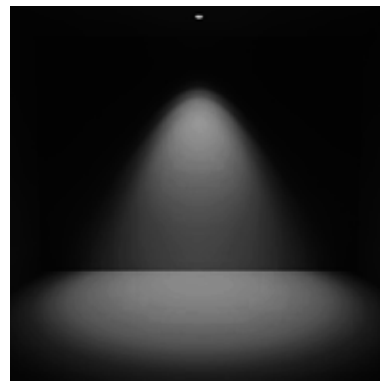
MF_

Medium Flood | 20° - 39°

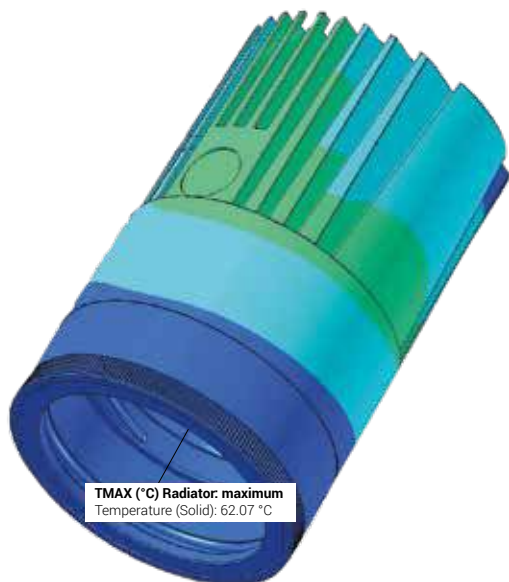


F_

Flood | 40° - 69°



DESIGNED TO LAST OVER TIME: DISSIPATION ACCORDING TO i-LèD.



54,15°C

60,66°C

Temperature (Solid) [°C]

TMAX (°C) Radiator: contours

In the LED data sheet the value “**B**”, followed by a value normally included between 10 and 50, indicates the quality of the diode used as it defines the percentage of LEDs that, at the end of normal 223'824 hours, does not maintain the flow characteristics bright state. A LED declared as L70B10 = **223.824 hours** indicates that upon reaching **223.824 hours**, 90% (B10) of the diodes has a residual luminous flux equal to or greater than 70% of the initial flow (L70).

i-LèD

10%

LED i-LèD B10
90% reliability of the
L parameter

COMMON LEDs

50%

**Common LEDs on the B50
market**
50% reliability of the L parameter

LONG LED LIFE EXPECTANCY

arrayLED							B10 L70 Ta 25°C
100 %	0 h	40'000 h	80'000 h	120'000 h	160'000 h	200'000 h	223'824 h
topLED							B10 L70 Ta 25°C
100 %	0 h	10'000 h	20'000 h	30'000 h	40'000 h	50'000 h	72'100 h
powerLED (Cree XP-G2)							B10 L70 Ta 25°C
100 %	0 h	70'000 h	140'000 h	210'000 h	280'000 h	350'000 h	365'464 h





NOT ONLY AESTHETICS AND DESIGN

The Rendering Index (CRI) quantifies the ability of a light source to reproduce in a more realistic and natural way the colour shades of illuminated objects. Traditionally the CRI is defined through sample sources: 14 colour plates, characterized by different luminance levels.

The evaluation parameters are based on a scale ranging from 0 to 100.

CRI colour range



TM-30 colour range



The 99 samples used to define the TM-30 are the result of a logarithmic selection obtained from the 105,000 colours visible to the human eye.

Porsche Italy | Padua – Italy





S TM-30 TEST METHOD

THE NEW ALPHABET OF LIGHT

IES TM-30 Colour Rendering Evaluation uses 99 sample colours (Colour Evaluation Samples - CES) that capture the colours of leaves, flowers, skin tones, paintings, and some original Munsell samples. The selected CESs are defined within the entire colour space, and include saturated and poorly saturated colours.

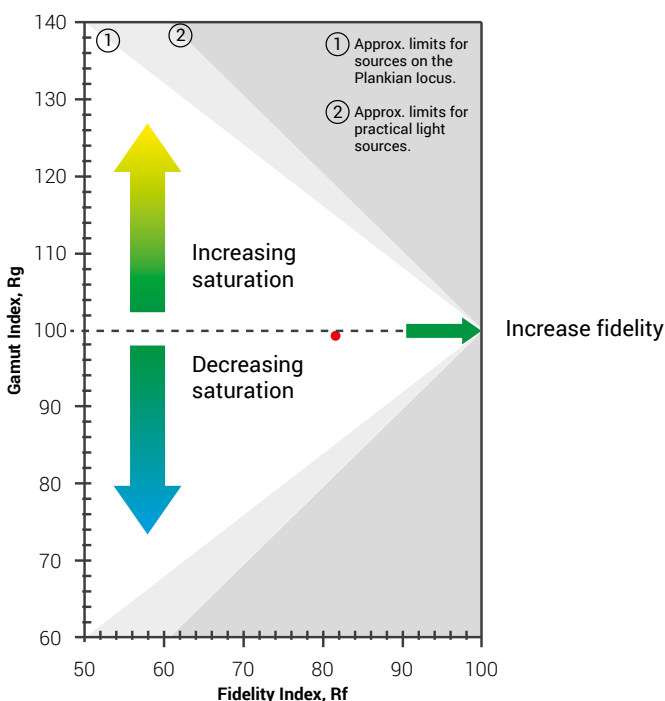
Unlike the CRI, the TM-30 proposes a metric made up of two indices, the fidelity value is max 100 and the gamut value is max 140:

- **Rf Fidelity Index**, similar to the CRI (Ra), with a maximum value of 100, which corresponds to the perfect reproduction between the samples and the reference source.
- **Rg Gamut Index**, which is inspired by the LRC Gamut Area (GAI) and calculated with reference to the dotted area in a chromatic diagram.

* IES (Illuminating Engineering Society) TM-30 15 (Technical Memorandum 30 - 2015)

** The Munsell system is a color space used as an international standard for defining colors based on three dimensional coordinates: hue, brightness (Value or Lightness) and saturation (Chroma).

Ref. www.wikipedia.org



RF 92 | RG 101
CRI 98
2-step SDCM

A selection of subcurve LED with CRI 98 and efficiency of 95 lm/W, only available with CCT 3.000K.

Designed for retail environments, Saturation LEDs **bring out the colours and textures of the products** on display, enriching customers' sensorial experience.

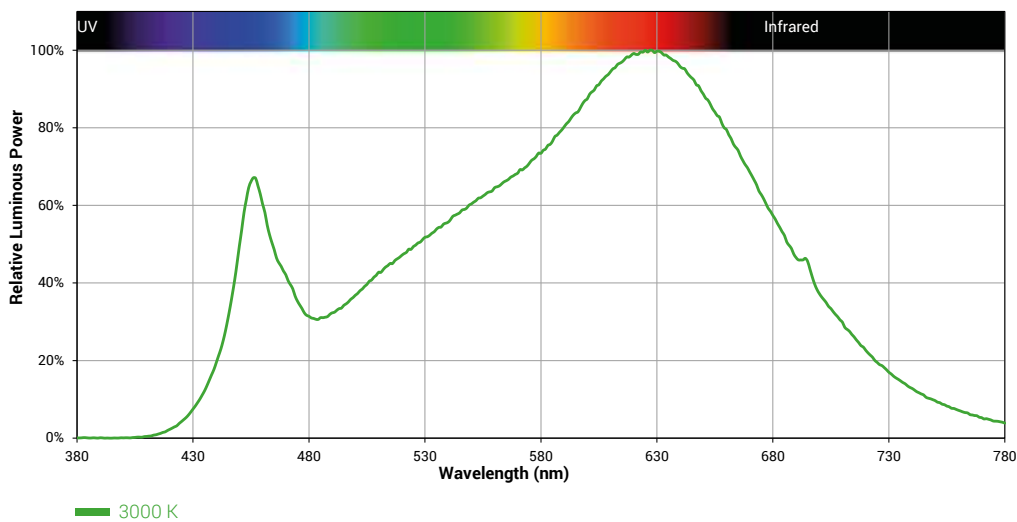
THEY ARE THE MOST VERSATILE SOLUTION.



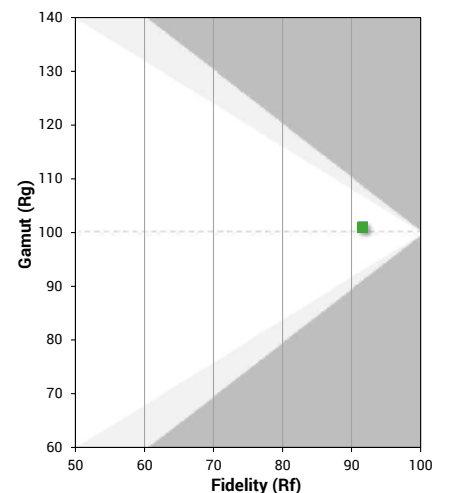
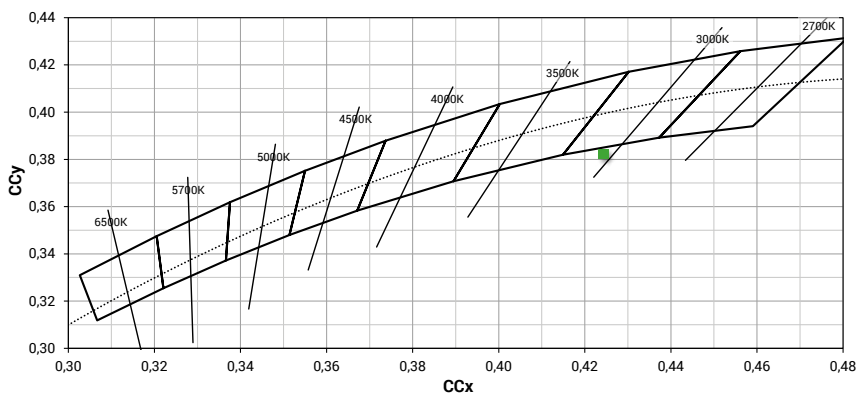
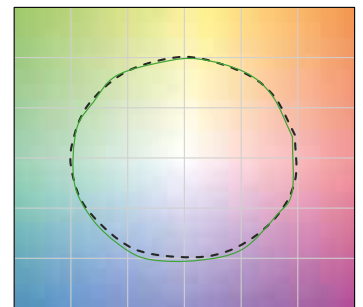
Dermapoliesis @ Seeds Gallery | London - UK

calc CCT (K)	IES TM-30		CRI	
	Rf	Rg	Ra	R9
3000 K	92	101	98	84

SPECTRAL COMPARISON



COLOR VECTOR GRAPHIC



FIDELITY

RF 93 | RG 99
CRI 98
2-step SDCM

A selection of LEDs featuring the best CRI 98 colour rendering, with an efficiency of 100 lm/W, available with CCT 2.700K, 3.000K or 4.000K.

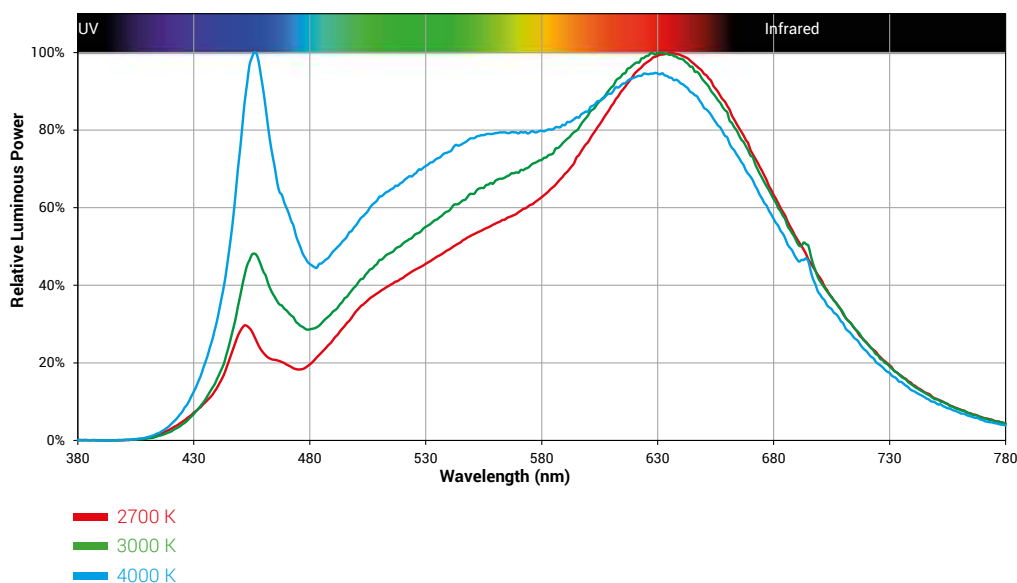
The Fidelity LEDs are designed for museums: they are generally **suitable for any situation where showing the "true" colour of the items on display is essential.**



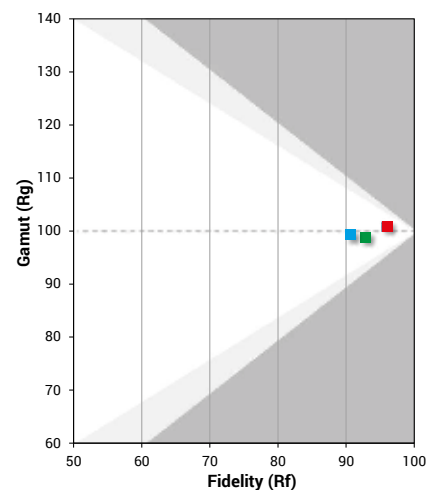
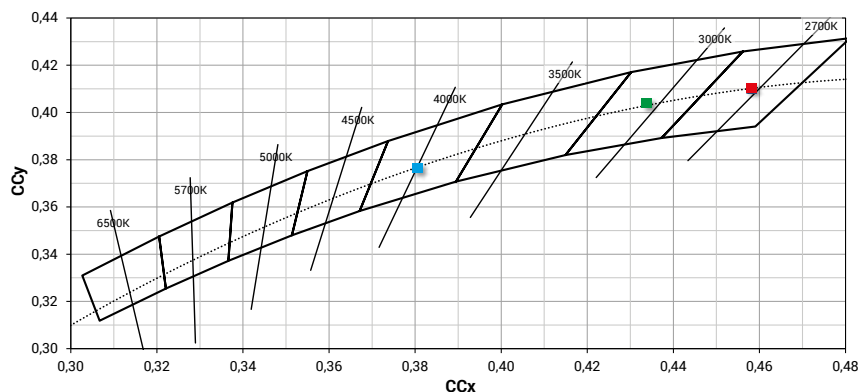
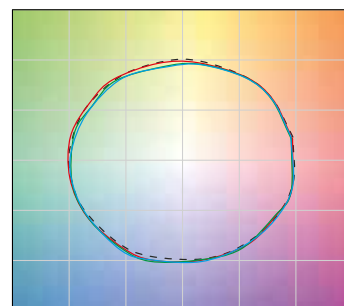
Lora Showroom | Vicenza – Italy

calc CCT (K)	IES TM-30		CRI	
	Rf	Rg	Ra	R9
2700 K	96	101	98	93
3000 K	93	99	98	88
4000 K	91	99	98	95

SPECTRAL COMPARISON



COLOR VECTOR GRAPHIC



RF 92 | RG 100
CRI 92
2-step SDCM

The FullHD range is designed to ensure **a better ratio between light quality and efficiency.**

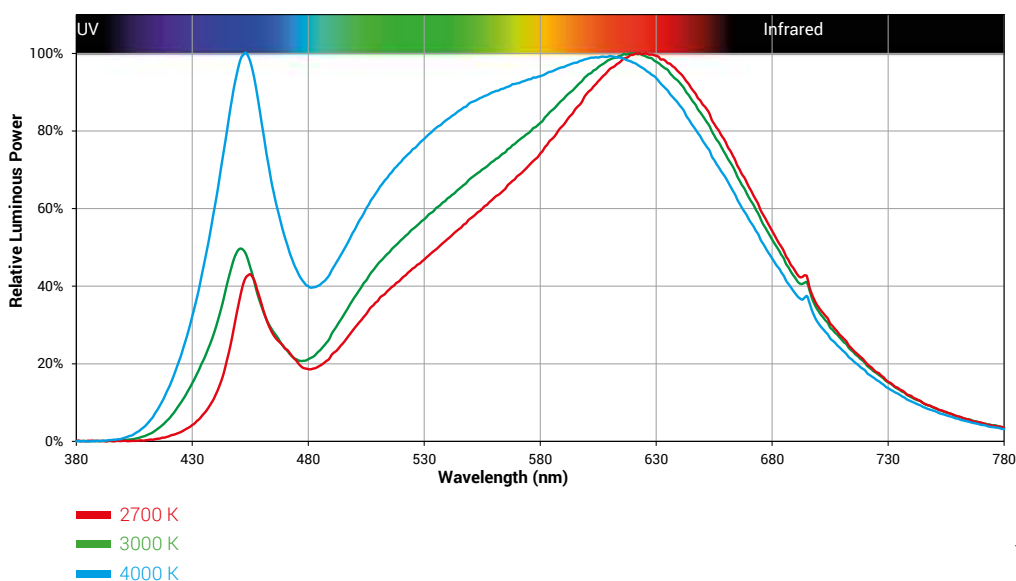
Balance LEDs have CRI 92 colour rendering and up to 115 lm/W efficiency. They are available with CCT 2.700K, 3.000K and 4.000K.



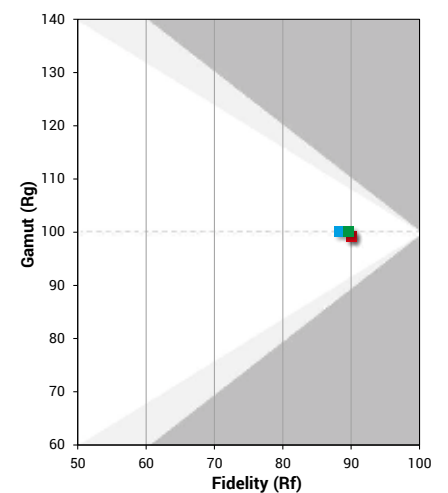
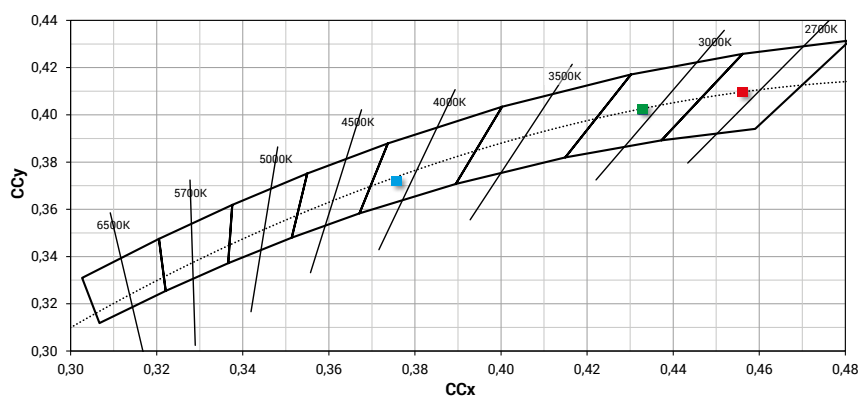
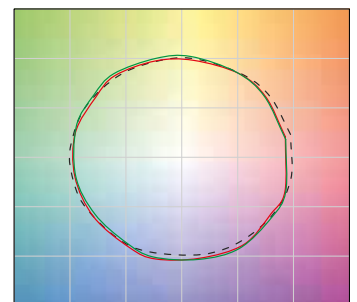
Timmis Store | Limassol - Cyprus

calc CCT (K)	IES TM-30		CRI	
	Rf	Rg	Ra	R9
2700 K	91	99	92	60
3000 K	90	100	92	56
4000 K	89	100	92	61

SPECTRAL COMPARISON



COLOR VECTOR GRAPHIC



EFFICIENCY

RF 85 | RG 96
CRI 80
2-step SDCM

Our Efficiency LEDs have lower colour rendering than others, but have the **best efficiency**, up to 145 lm/W. They are available with CCT 2.700K, 3.000K and 4.000K.

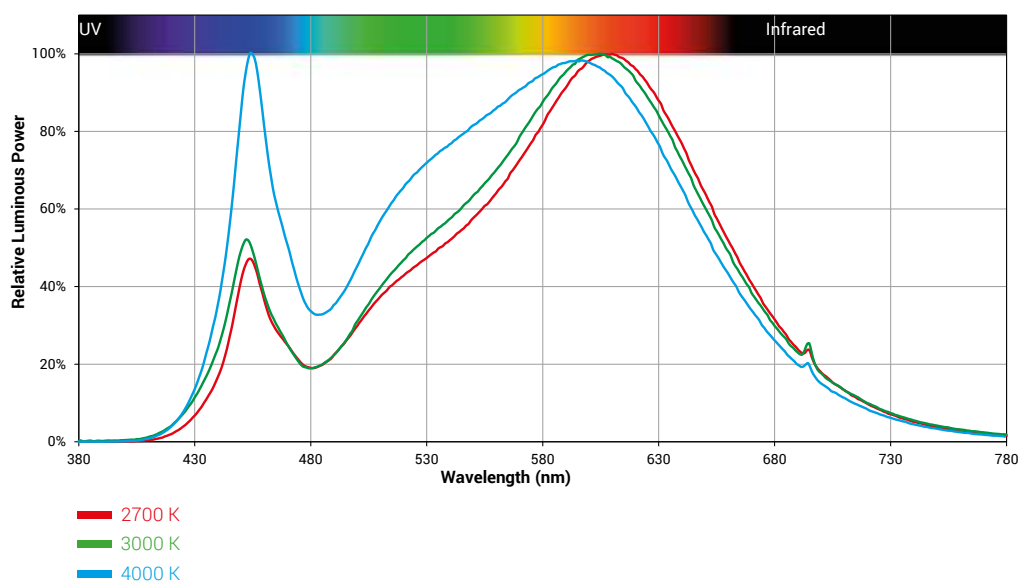
They are particularly **suitable for use in public places** or spaces where there is no particular need to enhance displayed items.



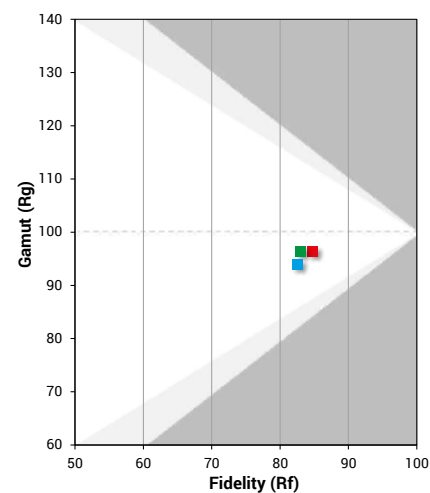
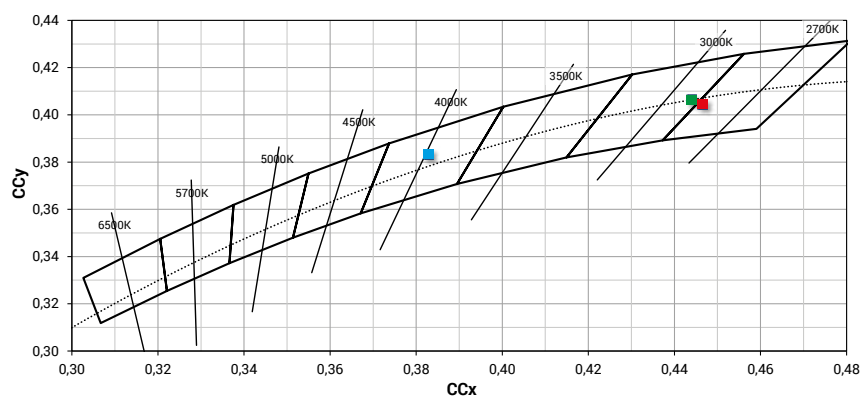
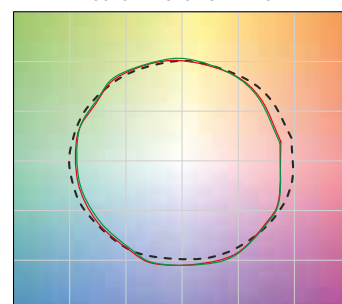
Auto karo | Bolzano – Italy

calc CCT (K)	IES TM-30		CRI	
	Rf	Rg	Ra	R9
2700 K	85	96	80	19
3000 K	83	96	80	10
4000 K	82	94	80	14

SPECTRAL COMPARISON



COLOR VECTOR GRAPHIC







SMARTWAVE™ 4.0

LONGER LIFE GUARANTEED



SURGE
Immunity



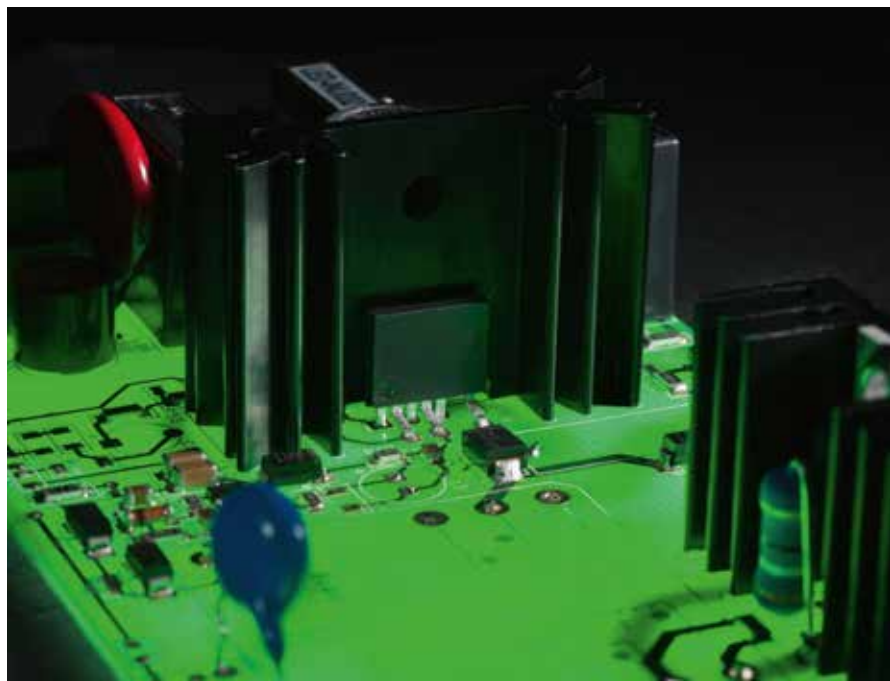
ESD
ElectroStatic
Discharge Protection



SMARTWAVE™
LED Control-Gear



CHIP
Control-Unit



Voltage fluctuations in the power supply system can compromise the fixtures' integrity and operation. Our response to this problem is **Smartwave™**, a specially designed series of power supplies that guarantee a longer service life.

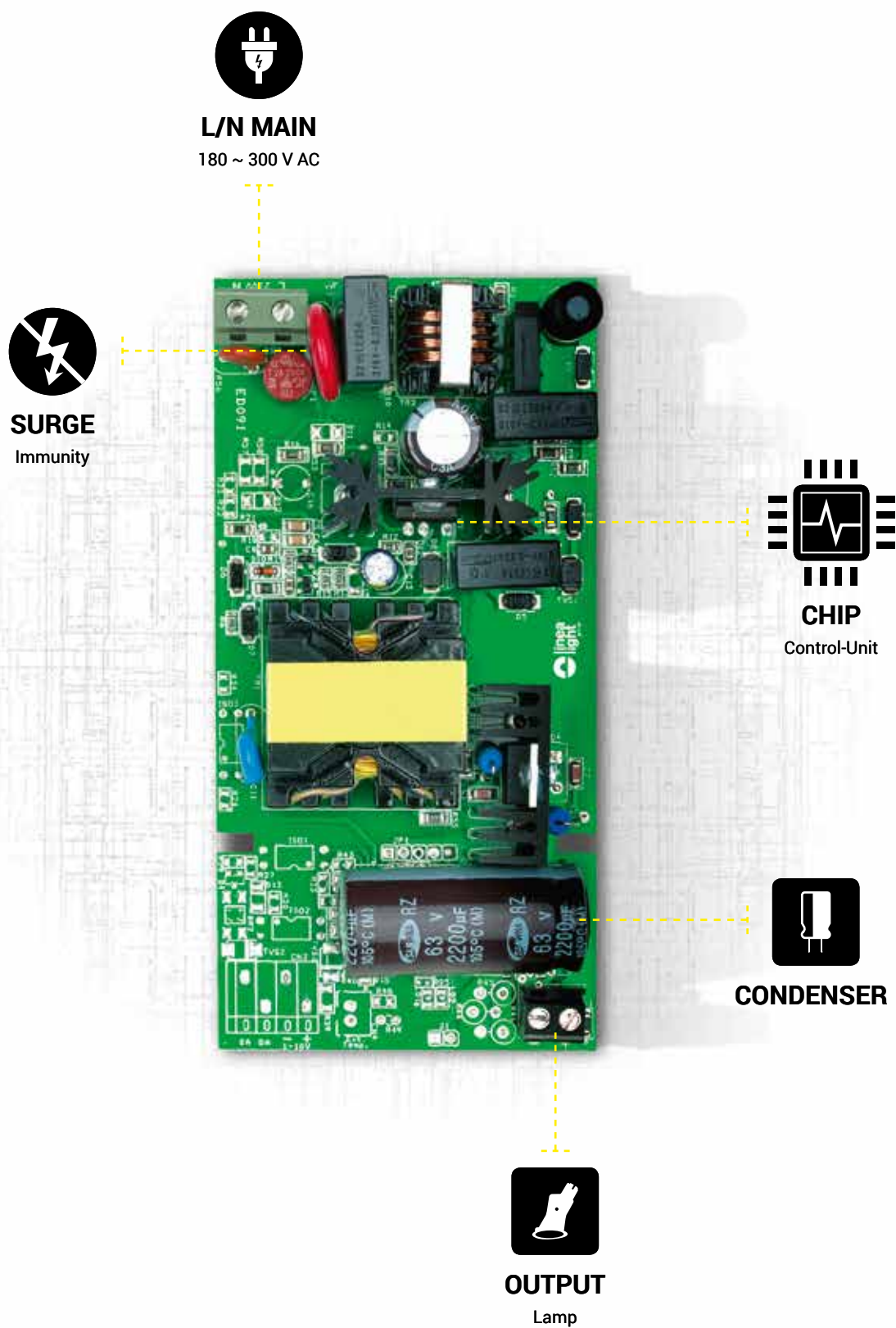
Overvoltages, or surges, can occur due to numerous phenomena, including the classic lightning strike. These phenomena are responsible for most cases of malfunction of a lighting system, especially power supplies.

Smartwave™ power supplies can work with high input voltages, **up to 7 kV, without damage: a value that exceeds seven times the minimum level of protection according to current regulations.**

Electrostatic discharges (ESDs) can irreparably damage power supplies, which are often considered the weak point of an electronic appliance in terms of safety. Smartwave™ power supplies are tested with **discharges up to 30 kV** (the IEC EN61547 indicates 4kV as the minimum value for contact discharges and 8 kV for discharges in air).

In the same way, while the legislation provides for a maximum discharge per second, Smartwave™ is tested with **five shocks per second**. Our laboratory with specialized facilities means that I-Led products are tested in-house. In addition to testing immunity from SURGE and ESD, tests are also carried out to measure the emission of electromagnetic disturbances.

ENERGY IS EFFICIENCY



TOTAL SYSTEM CONTROL AND MANAGEMENT

In the retail sector, EYE-WiFi technology allows the **management of individual light points** and the creation of groups, also in case of retrofitting.

EYE-WiFi allows the **configuration and control of the fixtures** using PC and smart devices.

EYE-WIFI

SMART LIGHTING

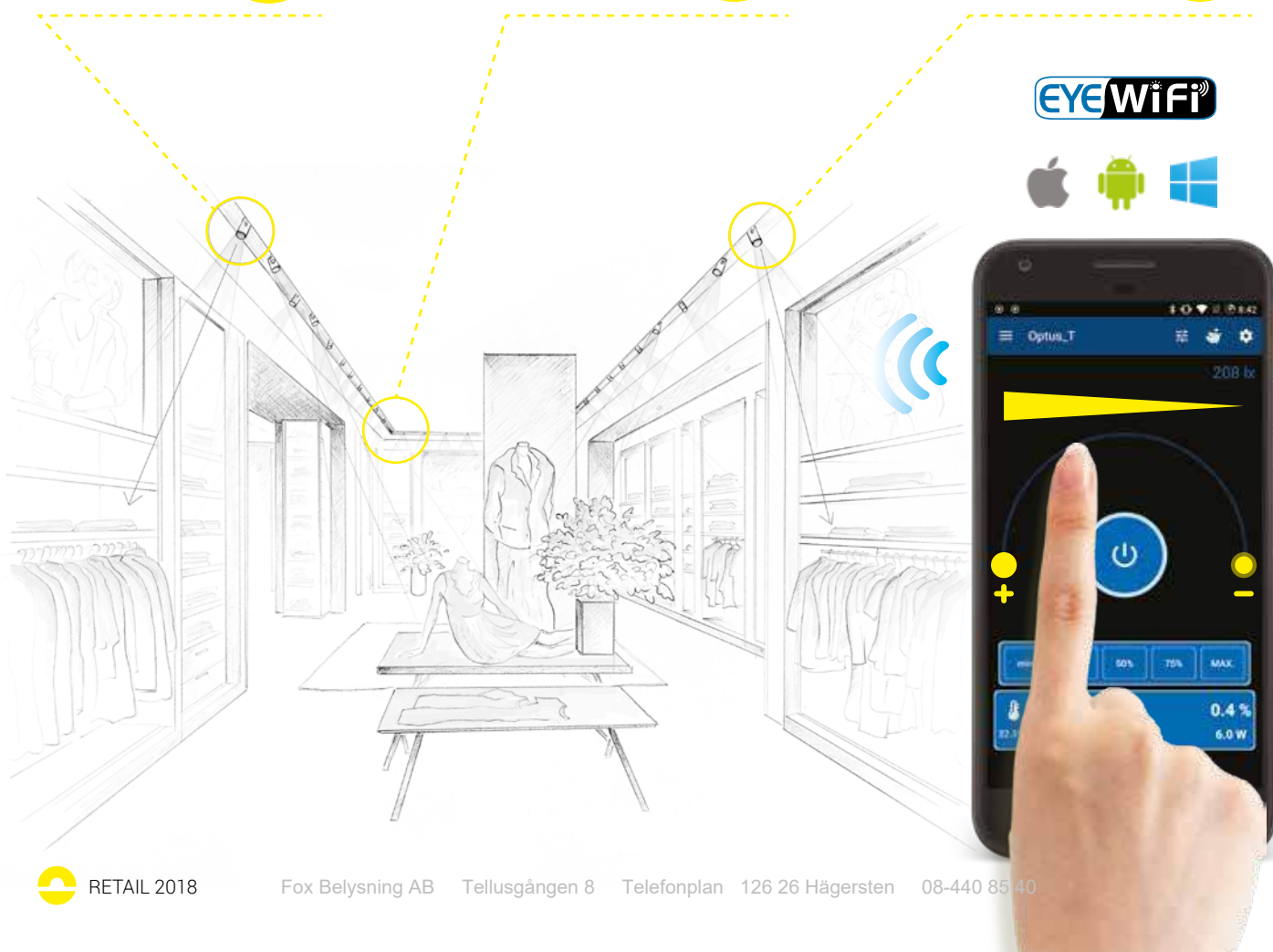
DIRECT CONTROL
FROM THE POINT
OF SALE



CONTROL BY
MAINTENANCE
OPERATOR



CONTROL BY THE
TECHNICAL OFFICE



PARAMETERS FOR DIAGNOSTICS AND CONTROL OF LIGHTING FIXTURES

- Set the dimming level of the luminaire (0-100%)
- Display the lifetime (power-on) of the luminaire (DD: HH)
- View the number of ignitions during its lifetime
- View the power absorbed by the LED luminaire during its lifetime (KW/h)
- Display the instantaneous power of a single LED luminaire, of the entire system or of a single zone (W)
- Preventive maintenance

SYSTEM CONFIGURATION

- Timer service based on the RTC (Real Time Clock) function allows to set light scenarios
- Possibility to configure and manage individual lighting points and groups
- Possibility to create a maximum of 16 light scenes and a maximum of 15 light groups
- Possibility to track the passage of people and vehicles (with time of motion detection recorded)
- Network settings

SENSOR, GATEWAY AND NETWORK SETTINGS

- Adjust and view the Gateway Eye-WiFi parameters
- Adjust and view the brightness and motion detection sensor parameters



DALI

DIGITAL ADDRESSABLE LIGHTING INTERFACE

Linea Light Group has ProbitLab, a hardware platform developed to internally verify the effectiveness of programming commands, the quality of input signals and the effective correspondence of the output. Used in combination with ProbitBench, it allows to perform the homologation tests defined by the IEC 62386 standard and to distribute top-quality products with the official DALI brand.

Testing a product several times:

here's how we assure our customers an extremely reliable DALI system for digital control of lighting.



DALI Lamps registered producers
and affiliated with DiiA (Digital
Illumination Interface Alliance)

Fox Belysning AB Tellusgången 8 Telefonplan 126 20 Hägersten 08-440 85 40







WE STRICTLY TEST
OUR PRODUCTS

TESTED / APPROVED



All tests are carried out internally by means of sophisticated instruments and under the control of highly qualified personnel, in compliance with current regulatory standards:

- Junction temperatures
- Photometric surveys
- Impact resilience test (ik)
- Fire resistance testing
- Salinity test
- Walk-over and drive-over resistance tests
- Protection test (ip, iec 60529 standard)
- Checking of solar radiation resistance
- Vibration and mechanical stress tests
- Climate tests

Generic tests carried out in addition to the electronic ones include:

- Test surge
- ESD test
- DALI compatibility test



5 YEARS WARRANTY

Linea Light Group offers a five-year warranty on its products for manufacturing defects. The specific activation form to be filled is available on our website www.linealight.com

If the procedure is not activated, the guarantee provided for by the current regulation remains valid.

All products must be installed using Linea Light Group's original or certified power supply devices, cables and accessories. Products with non-original or non-certified parts are not covered by the product warranty.





PROJECTORS UNDER THE SPOTLIGHTS





projectors pound



Completely redesigned for look and performance, Pound offers a complete range of sleek track spotlights with **excellent lighting performance** and an **essential design**.

Available in four sizes, Pound can be combined with Balance - CRI 92, Specialty - CRI 98 e Fidelity - CRI 98 LEDs.

The proposed optics, Spot (15°), Medium Flood (30°) and Flood (60°), are interchangeable and can be integrated with beam and glare control Accessories.

Materials

Die-cast aluminium





Transparent screen



Opaline diffuser



Elliptical filter



Honeycomb



Cross louvre



Anti-glare pipe



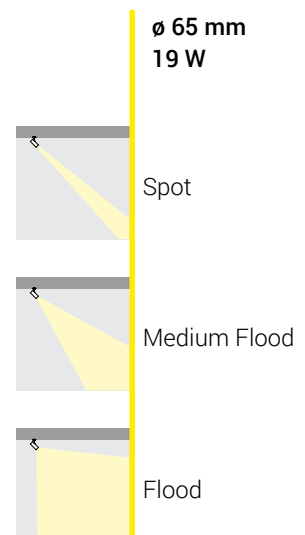
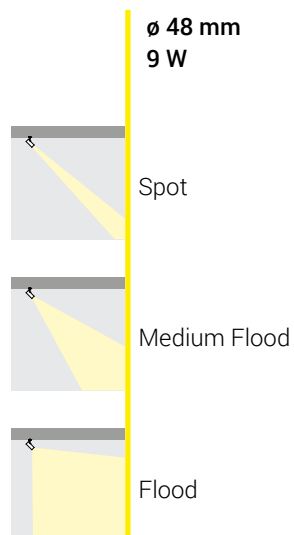
Anti-glare 45° screen



Directional flaps

SPOTLIGHTS AVAILABLE WITH
EYE-WIFI TECHNOLOGY



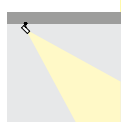




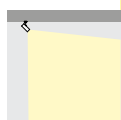
Ø 85 mm
31 W



Spot



Medium Flood

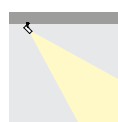


Flood

Ø 100 mm
41 W / 50 W



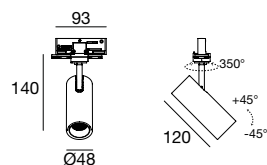
Spot



Medium Flood



Flood

Pound_1 | Projectors | 190-250 V | 7 W powerLED | 9 W AC device

Balance - CRI 92

White	90617	3000 K	929 lm	W	Spot	15
Black	90618	4000 K	995 lm	N	Medium Flood	30
					Flood	60

TIR LENSES

99448

Spot


99449

Medium Flood


99450

Flood

ACCESSORIES

99401

Elliptical filter


99400

Honeycomb


99399

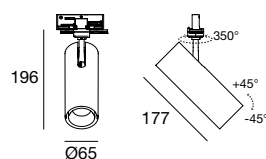
Cross louvre


99402

Anti-glare pipe


99403

 Anti-glare 45°
screen

Pound_2 | Projectors | 190-250 V | 16 W arrayLED | 19 W AC device

Specialty - CRI 98

White	80146	3000 K	1636 lm	W	Spot	15
Black	80147				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80148	3000 K	1753 lm	W	Spot	15
Black	80149	4000 K	1885 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	90591	3000 K	2016 lm	W	Spot	15
Black	90592	4000 K	2170 lm	N	Medium Flood	30
					Flood	60

TIR LENSES

98995

Spot


98996

Medium Flood


98997

Flood

ACCESSORIES

99656

Elliptical filter


99509

Honeycomb


99511

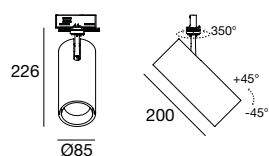
Cross louvre


99508

Anti-glare pipe


99512

 Anti-glare 45°
screen



Specialty - CRI 98

White	80150	3000 K	2745 lm	W	Spot	15
Black	80151				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80152	3000 K	2948 lm	W	Spot	15
Black	80153	4000 K	3151 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	90597	3000 K	3391 lm	W	Spot	15
Black	90599	4000 K	3631 lm	N	Medium Flood	30
					Flood	60

OPTICS



99565
Spot



99566
Medium Flood



99567
Flood



99569
Transparent
screen



99568
Opaline diffuser

ACCESSORIES



99513
Elliptical filter



99515
Honeycomb



99517
Cross louvre

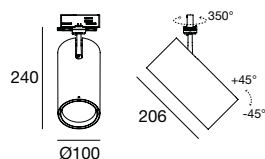


99514
Anti-glare pipe



99518
Anti-glare 45°
screen



Pound_4 | Projectors | 190-250 V | 37 W arrayLED | 41 W AC device

Specialty - CRI 98

White	80154	3000 K	3297 lm	W	Spot	15
Black	80155				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80156	3000 K	3526 lm	W	Spot	15
Black	80157	4000 K	3792 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80334	3000 K	4058 lm	W	Spot	15
Black	80335	4000 K	4363 lm	N	Medium Flood	30
					Flood	60

OPTICS

98524

Spot


98525

Medium Flood


98526

Flood


98515

 Transparent
screen

98516

Opaline diffuser

ACCESSORIES

98521

Elliptical filter


98522

Honeycomb


98520

Cross louvre


98519

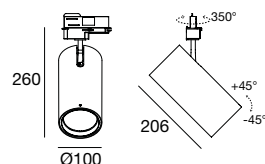
Anti-glare pipe


98518

 Anti-glare 45°
screen

98523

 Directional
flaps

Pound_4 DALI | Projectors | 190-250 V | 33 W arrayLED | 37 W AC device

Specialty - CRI 98

White	80111	3000 K	3433 lm	W	Spot	15
Black	80112				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80113	3000 K	3671 lm	W	Spot	15
Black	80114	4000 K	3948 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80115	3000 K	4225 lm	W	Spot	15
Black	80116	4000 K	4542 lm	N	Medium Flood	30
					Flood	60

OPTICS

98524

Spot


98525

Medium Flood


98526

Flood


98515

 Transparent
screen

98516

Opaline diffuser

ACCESSORIES

98521

Elliptical filter


98522

Honeycomb


98520

Cross louvre


98519

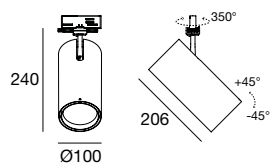
Anti-glare pipe


98518

 Anti-glare 45°
screen

98523

 Directional
flaps



Specialty - CRI 98

White	80158	3000 K	4683 lm	W	Spot	15
Black	80159				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80160	3000 K	4683 lm	W	Spot	15
Black	80161	4000 K	5033 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80083	3000 K	5383 lm	W	Spot	15
Black	80084	4000 K	5784 lm	N	Medium Flood	30
					Flood	60

OPTICS

**98524**

Spot

**98525**

Medium Flood

**98526**

Flood

**98515**Transparent
screen**98516**

Opaline diffuser

ACCESSORIES

**98521**

Elliptical filter

**98522**

Honeycomb

**98520**

Cross louvre

**98519**

Anti-glare pipe

**98518**Anti-glare 45°
screen**98523**Directional
flaps



DIOR



projectors angular



Highly efficient and with a **streamlined and minimalist design**, Angular is characterized by a tilting movement up to $\pm 90^\circ$. Maximum flexibility in aiming is supported by the practical goniometer for precise tilt adjustment.

Available in five sizes, Angular can be combined with Balance - CRI 92, Specialty - CRI 98 e Fidelity - CRI 98 LEDs.

Available with DALI protocol, IP44 protection or in the suspension version. The proposed optics are Spot (15°), Medium Flood (30°) and Flood (60°). They are interchangeable and can be integrated with beam and glare control accessories.

Materials

Die-cast aluminium



Transparent screen



Opaline diffuser



Elliptical filter



Honeycomb



Cross louvre



Anti-glare pipe



Anti-glare pipe a 45°



Directional flaps

TRACK SPOTLIGHTS SPECIFIC FOR FOOD



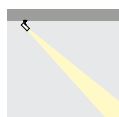
Projectors available with specific LEDs for lighting meat, fish and bakery / dairy products. Go to page 110

SPOTLIGHTS AVAILABLE WITH EYE-WIFI TECHNOLOGY

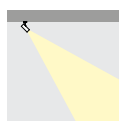




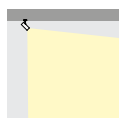
Ø 48 mm
9 W



Spot



Medium Flood

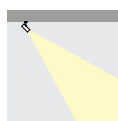


Flood

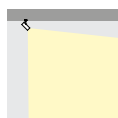
Ø 65 mm
19 W



Spot



Medium Flood

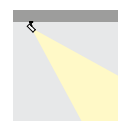


Flood

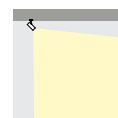
Ø 85 mm
31 W



Spot



Medium Flood



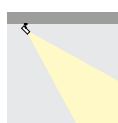
Flood



Ø 100 mm
41 W / 50 W



Spot



Medium Flood

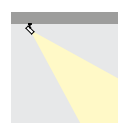


Flood

Ø 140 mm
48 W / 70 W



Spot

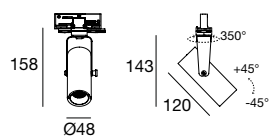


Medium Flood



Flood

Angular_1 | Projectors | 190-250 V | 7 W powerLED | 9 W AC device



Balance - CRI 92

White	90614	2700 K	863 lm	M	Spot	15
Black	90615	3000 K	929 lm	W	Medium Flood	30
Grey	90616	4000 K	995 lm	N	Flood	60

TIR LENSES



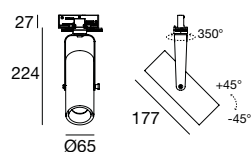
99448	99449	99450
Spot	Medium Flood	Flood

ACCESSORIES



99401	99400	99399	99402	99403
Elliptical filter	Honeycomb	Cross louvre	Anti-glare pipe	Anti-glare 45° screen

Angular_2 | Projectors | 190-250 V | 16 W arrayLED | 19 W AC device



Balance - CRI 92

White	90585	2700 K	1885 lm	M	Spot	15
Black	90586	3000 K	2016 lm	W	Medium Flood	30
Grey	90587	4000 K	2170 lm	N	Flood	60

TIR LENSES



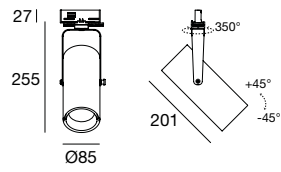
98995	98996	98997
Spot	Medium Flood	Flood

ACCESSORIES



99656	99509	99511	99508	99512
Elliptical filter	Honeycomb	Cross louvre	Anti-glare pipe	Anti-glare 45° screen

Angular_3 | Projectors | 190-250 V | 27 W arrayLED | 31 W AC device



Balance - CRI 92

White	90603	2700 K	3151 lm	M	Spot	15
Black	90605	3000 K	3391 lm	W	Medium Flood	30
Grey	90604	4000 K	3631 lm	N	Flood	60

OPTICS

**99565**

Spot

**99566**

Medium Flood

**99567**

Flood

**99569**Transparent
screen**99568**

Opaline diffuser

ACCESSORIES

**99513**

Elliptical filter

**99515**

Honeycomb

**99517**

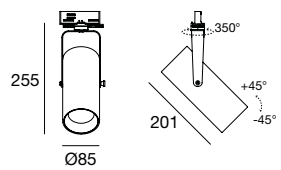
Cross louvre

**99514**

Anti-glare pipe

**99518**Anti-glare 45°
screen

Angular40_3 | Projectors | 190-250 V | 27 W arrayLED | 31 W AC device



Balance - CRI 92

White	80192	2700 K	3151 lm	M	Spot	15
Black	80193	3000 K	3391 lm	W	Medium Flood	30
Grey	80194	4000 K	3631 lm	N	Flood	60

OPTICS

**99565**

Spot

**99566**

Medium Flood

**99567**

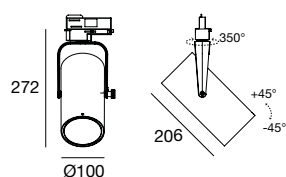
Flood

**99568**

Opaline diffuser

IP40

Angular_4 | Projectors | 190-250 V | 37 W arrayLED | 41 W AC device



Balance - CRI 92

White	80121	2700 K	3792 lm	M	Spot	15
Black	80122	3000 K	4058 lm	W	Medium Flood	30
Grey	80123	4000 K	4363 lm	N	Flood	60

OPTICS

**98524**

Spot

**98525**

Medium Flood

**98526**

Flood

**98515**

Transparent screen

**98516**

Opaline diffuser

ACCESSORIES

**98521**

Elliptical filter

**98522**

Honeycomb

**98520**

Cross louver

**98519**

Anti-glare pipe

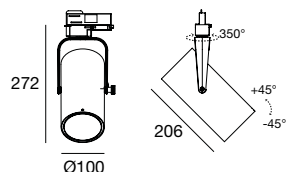
**98518**

Anti-glare 45° screen

**98523**

Anti-glare 45° screen

Angular_4 DALI | Projectors | 190-250 V | 33 W arrayLED | 37 W AC device



Balance - CRI 92

White	80186	2700 K	3948 lm	M	Spot	15
Black	80187	3000 K	4225 lm	W	Medium Flood	30
Grey	80188	4000 K	4542 lm	N	Flood	60

OPTICS

**98524**

Spot

**98525**

Medium Flood

**98526**

Flood

**98515**

Transparent screen

**98516**

Opaline diffuser

ACCESSORIES

**98521**

Elliptical filter

**98522**

Honeycomb

**98520**

Cross louver

**98519**

Anti-glare pipe

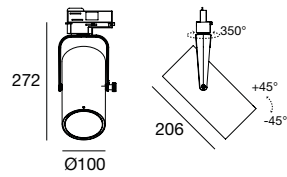
**98518**

Anti-glare 45° screen

**98523**

Directional flaps

Angular40_4 | Projectors | 190-250 V | 37 W arrayLED | 41 W AC device



Balance - CRI 92

White	80198	2700 K	3792 lm	M	Spot	15
Black	80199	3000 K	4058 lm	W	Medium Flood	30
Grey	80200	4000 K	4363 lm	N	Flood	60

OPTICS

**98524**

Spot

**98525**

Medium Flood

**98526**

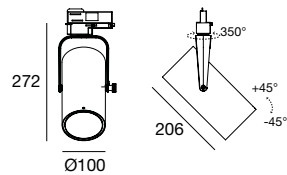
Flood

**98516**

Opaline diffuser

Environments with greater risks in case of fire due to overcrowding or prolonged evacuation time or due to high damage to animals and objects.

Angular_4 | Projectors | 190-250 V | 44 W arrayLED | 50 W AC device



Balance - CRI 92

White	80077	2700 K	5033 lm	M	Spot	15
Black	80078	3000 K	5383 lm	W	Medium Flood	30
Grey	80079	4000 K	5784 lm	N	Flood	60

OPTICS

**98524**

Spot

**98525**

Medium Flood

**98526**

Flood

**98515**

Transparent screen

**98516**

Opaline diffuser

ACCESSORIES

**98521**

Elliptical filter

**98522**

Honeycomb

**98520**

Cross louvre

**98519**

Anti-glare pipe

**98518**

Anti-glare 45° screen

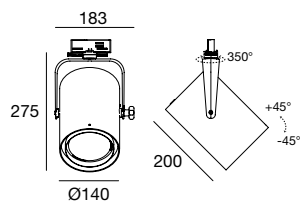
**98523**

Directional flaps





Angular_5 | Projectors | 190-250 V | 66 W arrayLED | 70 W AC device



Balance - CRI 92

White	90894	2700 K	7809 lm	M	Spot	15
Black	90895	3000 K	7809 lm	W	Medium Flood	30
Grey	80127	4000 K	8982 lm	N	Flood	60

OPTICS

**99408**

Spot

**99409**

Medium Flood

**99410**

Flood

**99411**Transparent
screen**99527**

Opaline diffuser

ACCESSORIES

**98517**

Elliptical filter

**98511**

Honeycomb

**98506**

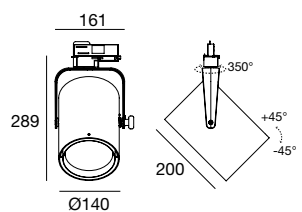
Cross louvre

**98503**

Anti-glare pipe

**98504**Anti-glare 45°
screen**98505**Directional
flaps

Angular_5 DALI | Projectors | 190-250 V | 41 W arrayLED | 46 W AC device



Balance - CRI 92

White	80248	2700 K	5033 lm	M	Spot	15
Black	80249	3000 K	5383 lm	W	Medium Flood	30
Grey	80250	4000 K	5784 lm	N	Flood	60

OPTICS

**99408**

Spot

**99409**

Medium Flood

**99410**

Flood

**99411**Transparent
screen**99527**

Opaline diffuser

ACCESSORIES

**98517**

Elliptical filter

**98511**

Honeycomb

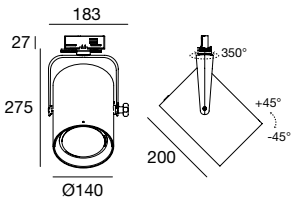
**98506**

Cross louvre

**98503**

Anti-glare pipe

**98504**Anti-glare 45°
screen**98505**Directional
flaps



IP40

Balance - CRI 92

White	93858	2700 K	5033 lm	M	Spot	15
Black	93859	3000 K	5383 lm	W	Medium Flood	30
Grey	80129	4000 K	5784 lm	N	Flood	60

OPTICS



99408

Spot



99409

Medium Flood



99410

Flood



99527

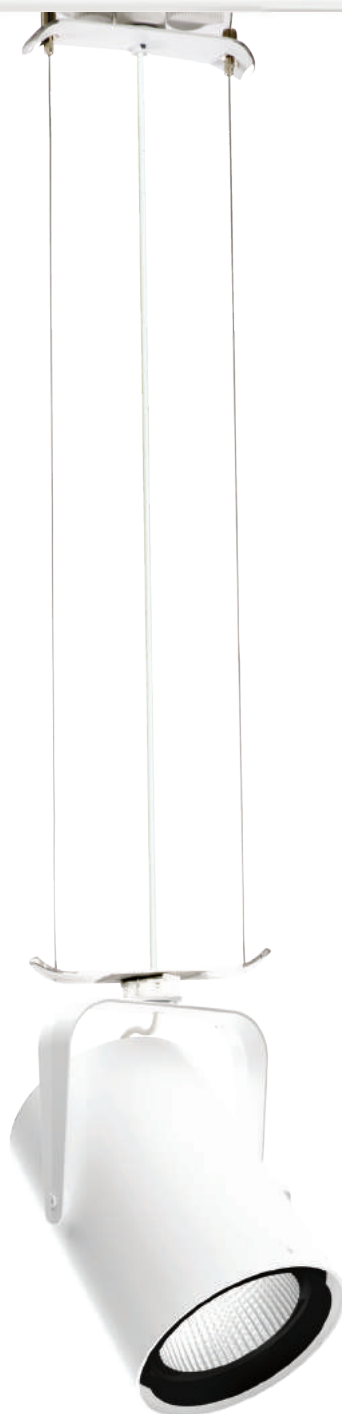
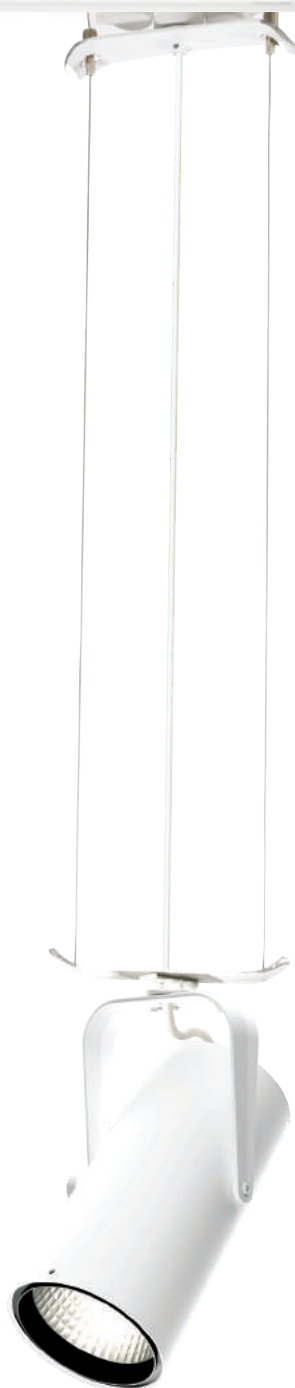
Opaline diffuser



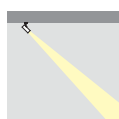
Available in DALI version on request

IP40

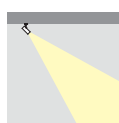
Available with IP40 protection on request



Ø 100 mm
41 W AC



Spot

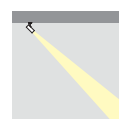


Medium Flood

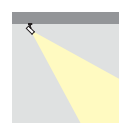


Flood

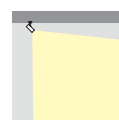
Ø 140 mm
70 W AC



Spot



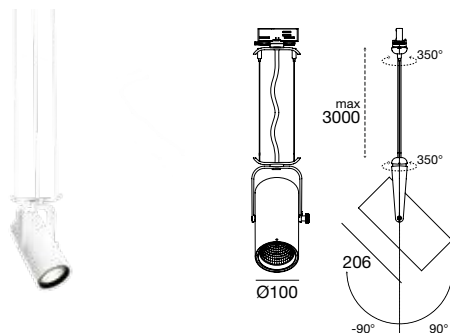
Medium Flood



Flood



Angular_P4 | Projectors | 190-250 V | 37 W arrayLED | 41 W AC device



Balance - CRI 92

White	80278	2700 K	3792 lm	M	Spot	15
Black	80279	3000 K	4058 lm	W	Medium Flood	30
Grey	80280	4000 K	4363 lm	N	Flood	60

OPTICS

**98524**

Spot

**98525**

Medium Flood

**98526**

Flood

**98515**Transparent
screen**98516**

Opaline diffuser

ACCESSORIES

**98521**

Elliptical filter

**98522**

Honeycomb

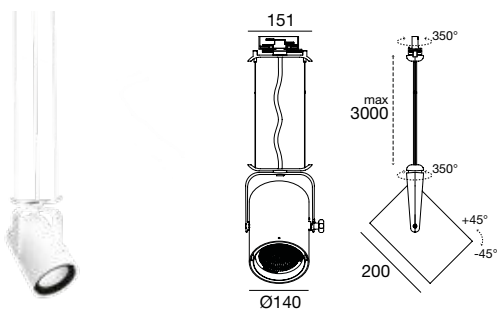
**98520**

Cross louvre

**98518**Anti-glare 45°
screen**98519**

Anti-glare pipe

Angular_P5 | Projectors | 190-250 V | 66 W arrayLED | 70 W AC device



Balance - CRI 92

White	80284	2700 K	7809 lm	M	Spot	15
Black	80285	3000 K	7809 lm	W	Medium Flood	30
Grey	80286	4000 K	8982 lm	N	Flood	60

OPTICS

**99408**

Spot

**99409**

Medium Flood

**99410**

Flood

**99411**Transparent
screen**99527**

Opaline diffuser

ACCESSORIES

**98517**

Elliptical filter

**98511**

Honeycomb

**98506**

Cross louvre

**98504**

Anti-glare pipe

**98503**Anti-glare 45°
screen

projectors optus_T



Optus is a new range of products designed for the retail sector: their **clean shapes** and **small sizes** can be combined with track and channel Creek spotlights, pull-out ceiling recessed luminaires, window lighting.

Optus_T is available in two sizes and can be combined with Balance, Saturation and Accuracy LEDs.

The available optics are Spot (15°), Medium Flood (30°), Flood (60°) and, only for the larger version, Wide Flood (90°). They are interchangeable and can be integrated with light and glare control accessories.

The electronics is inserted in the external compartment and can be integrated with the Eye Wi-Fi system, which allows direct control and monitoring of individual luminaires using apps on smartphones and tablets.

Materials

Die-cast aluminium



Transparent screen



Opaline diffuser



Elliptical filter



Honeycomb



Cross louvre



Anti-glare pipe



Anti-glare pipe a 45°



Directional flaps

FIXTURES CAN BE COMBINED WITH

Optus_EX



Optus_W2
Optus_W3

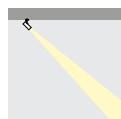


SPOTLIGHTS AVAILABLE WITH EYE-WIFI TECHNOLOGY

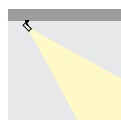




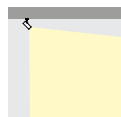
ø 65 mm
21 W



Spot

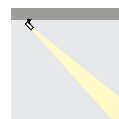


Medium Flood

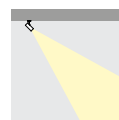


Flood

ø 102 mm
41 W



Spot



Medium Flood

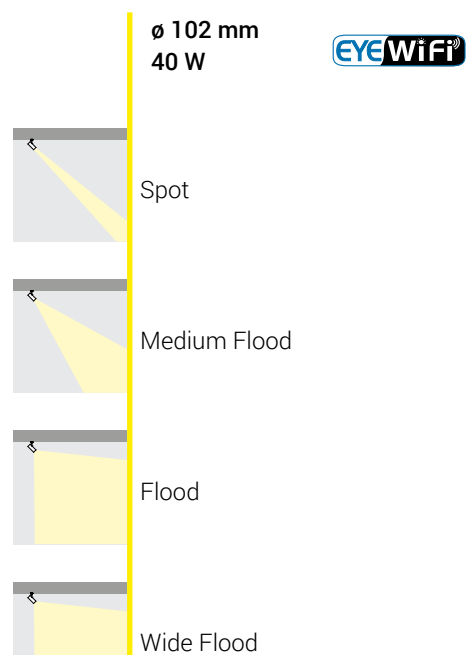
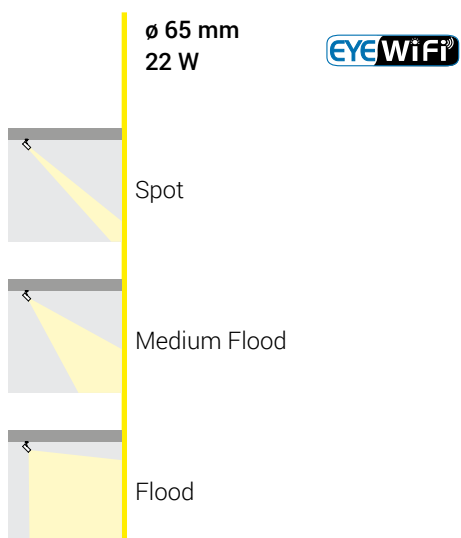


Flood



Wide Flood





Optus_T1 | Projectors | 190-250 V | 18 W arrayLED | 21 W AC device



Specialty - CRI 98

White	80254	3000 K	1635 lm	W	Spot	15
Black	80255				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80256	3000 K	1753 lm	W	Spot	15
Black	80257	4000 K	1885 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80212	3000 K	2016 lm	W	Spot	15
Black	80213	4000 K	2170 lm	N	Medium Flood	30
					Flood	60

TIR LENS



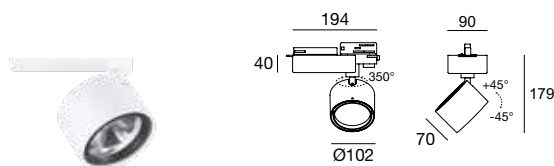
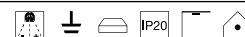
98995	98996	98997
Spot	Medium Flood	Flood

ACCESSORIES



99530	99531	99532	99533	99534
Elliptical filter	Honeycomb	Cross louvre	Anti-glare pipe	Anti-glare 45° screen

Optus_T2 | Projectors | 190-250 V | 37 W arrayLED | 41 W AC device



Specialty - CRI 98

White	80258	3000 K	3297 lm	W	Spot	15
Black	80259				Medium Flood	30
					Flood	60
					W. Flood	90

Fidelity - CRI 98

White	80260	3000 K	3526 lm	W	Spot	15
Black	80261	4000 K	3792 lm	N	Medium Flood	30
					Flood	60
					W. Flood	90

Balance - CRI 92

White	80166	3000 K	4058 lm	W	Spot	15
Black	80167	4000 K	4363 lm	N	Medium Flood	30
					Flood	60
					W. Flood	90

OPTICS



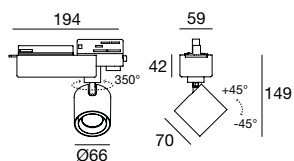
99471	99404	99405	99406
Spot	Medium Flood	Flood	Wide Flood

ACCESSORIES



99654	99655	98520	98519	98518	98523
Elliptical filter	Honeycomb	Cross louvre	Anti-glare pipe	Anti-glare 45° screen	Directional flaps

Optus_T1 EYE-WiFi | Projectors | 190-250 V | 18 W arrayLED | 22 W AC device



Specialty - CRI 98

White	80262	3000 K	1635 lm	W	Spot	15
Black	80263				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80264	3000 K	1753 lm	W	Spot	15
Black	80265	4000 K	1885 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80216	3000 K	2017 lm	W	Spot	15
Black	80217	4000 K	2170 lm	N	Medium Flood	30
					Flood	60

TIR LENS

**98995**

Spot

**98996**

Medium Flood

**98997**

Flood

ACCESSORIES

**99530**

Elliptical filter

**99531**

Honeycomb

**99532**

Cross louvre

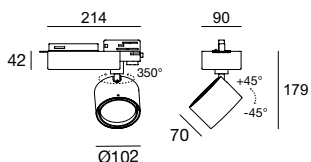
**99533**

Anti-glare pipe

**99534**

Anti-glare 45° screen

Optus_T2 EYE-WiFi | Projectors | 190-250 V | 34 W arrayLED | 40 W AC device



Specialty - CRI 98

White	80266	3000 K	3297 lm	W	Spot	15
Black	80267				Medium Flood	30
					Flood	60
					W. Flood	90

Fidelity - CRI 98

White	80268	3000 K	3526 lm	W	Spot	15
Black	80269	4000 K	3792 lm	N	Medium Flood	30
					Flood	60
					W. Flood	90

Balance - CRI 92

White	80170	3000 K	4058 lm	W	Spot	15
Black	80171	4000 K	4363 lm	N	Medium Flood	30
					Flood	60
					W. Flood	90

OPTICS

**99471**

Spot

**99404**

Medium Flood

**99405**

Flood

**99406**

Wide Flood

ACCESSORIES

**99654**

Elliptical filter

**99655**

Honeycomb

**98520**

Cross louvre

**98519**

Anti-glare pipe

**98518**

Anti-glare 45° screen

**98523**

Directional flaps

projectors iris



Iris_T is a spotlight offering **highly customizable functions**.

The focus-on-board graduated ring nut **allows calibration of the beam opening** from 19° to 62° for simple and precise aiming. **Light intensity is adjusted** through the *dim on board* selector and a potentiometer integrated in the luminaire.

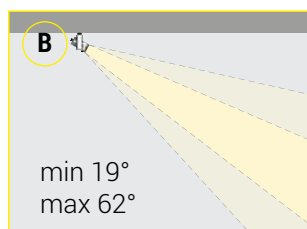
Iris_T is available in four sizes and can be combined with Specialty - CRI 98 e Fidelity - CRI 98 LEDs.

Materials

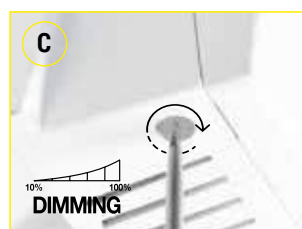
Die-cast aluminium



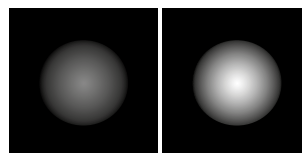
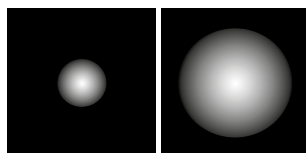
light beam opening adjustment block



19° to 62° light beam opening

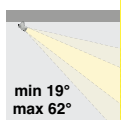


Light intensity adjustment via integrated dimmer. Light intensity can be dimmed from 10% to 100%



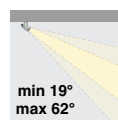


ø 40 mm
7 W AC



Adjustable focus

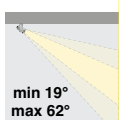
ø 60 mm
18 W AC



Adjustable focus

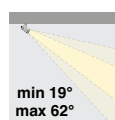


Ø 80 mm
25 W AC



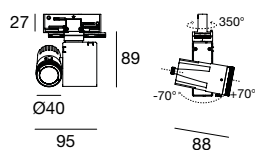
Adjustable focus

Ø 100 mm
33 W AC



Adjustable focus

Iris_T0 | Projectors | 190-250 V | 6 W arrayLED | 7 W AC device



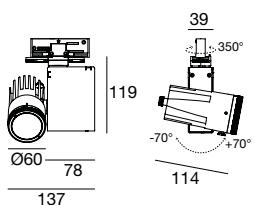
Fidelity - CRI 98

White	80424	3000 K	552 lm	W	Adjustable	85
Black	80425	4000 K	591 lm	N		

Balance - CRI 92

White	80162	3000 K	591 lm	W	Adjustable	85
Black	80163	4000 K	638 lm	N		

Iris_T1 | Projectors | 190-250 V | 15 W arrayLED | 18 W AC device



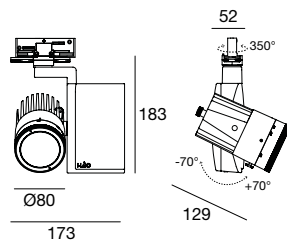
Fidelity - CRI 98

White	80426	3000 K	1458 lm	W	Adjustable	85
Black	80427	4000 K	1567 lm	N		

Balance - CRI 92

White	80272	3000 K	1677 lm	W	Adjustable	85
Black	80273	4000 K	1805 lm	N		

Iris_T2 | Projectors | 190-250 V | 21 W arrayLED | 25 W AC device



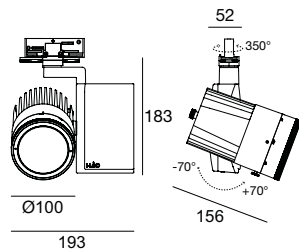
Fidelity - CRI 98

White	80428	3000 K	2364 lm	W	Adjustable	85
Black	80429	4000 K	2542 lm	N		

Balance - CRI 92

White	80306	3000 K	2721 lm	W	Adjustable	85
Black	80307	4000 K	2925 lm	N		

Iris_T3 | Projectors | 190-250 V | 29 W arrayLED | 33 W AC device



Fidelity - CRI 98

White	80430	3000 K	3030 lm	W	Adjustable	85
Black	80431	4000 K	3259 lm	N		

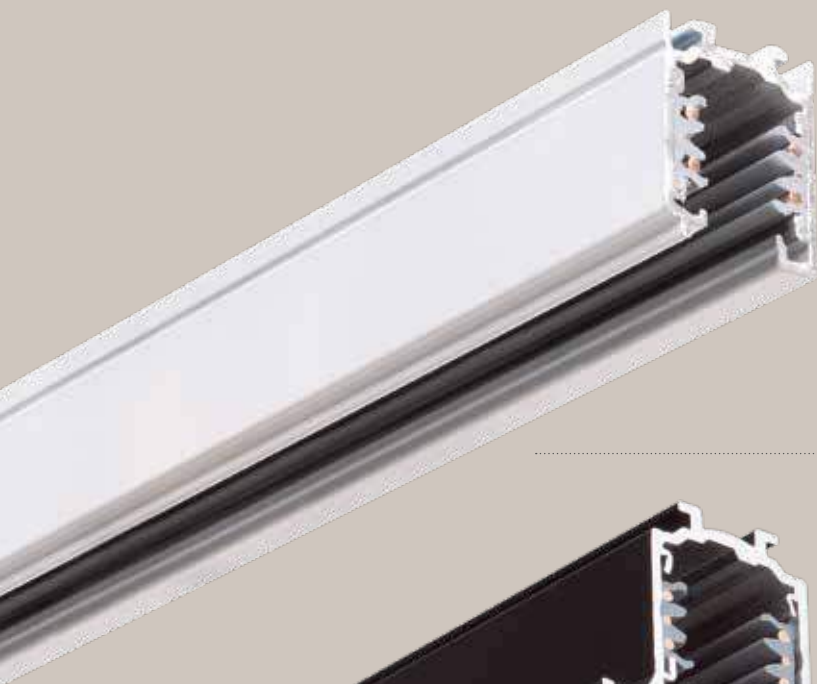
Balance - CRI 92

White	80310	3000 K	3488 lm	W	Adjustable	85
Black	80311	4000 K	3749 lm	N		





track system three-phase + DALI



Suspension



Recessed

Epoxy powder-coated extruded aluminium electrified track. 36 x h 33 mm rectangular section with asymmetric profile for proper fitting of the modules. Four PVC insulated copper conductors with a 4 mm² cross-section (three phases and a neutral max. 16 A). Integrated 4mm² aluminium earthing conductor.

3 separate switching circuits available. Available in the recessed version with side clips for false ceiling installation. To be used with track spotlights fitted with European standard adapters.

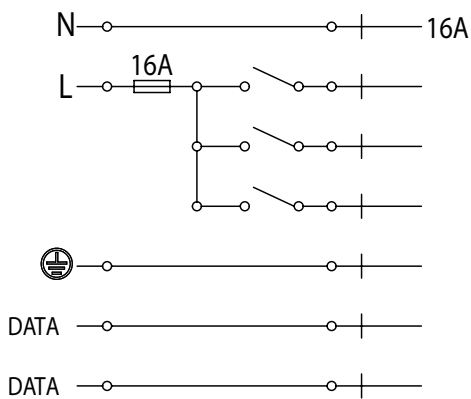
Materials

Die-cast aluminium

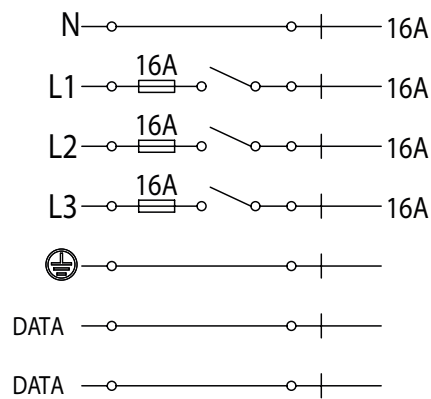
TRACK SYSTEM THREE-PHASE + DALI

WIRING DIAGRAMS

The connection to a 230/250V single-phase electric power system allows a total load of 16A, which corresponds to 3680/4000 Watt that can be divided into three circuits.

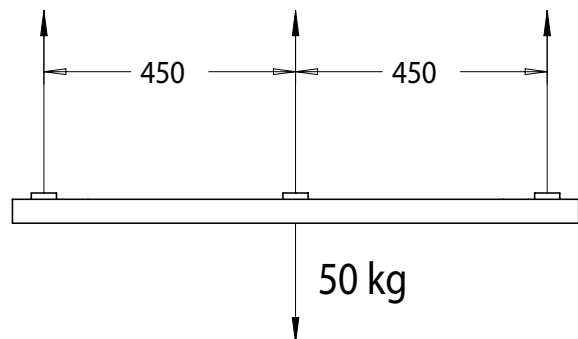
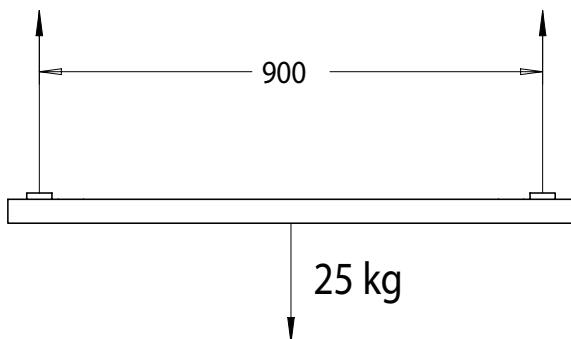


The connection to the 230/400V three-phase electric power system allows a total load of 16A, corresponding to 11040 Watt, which can be split in three circuits (3x3680 Watt).



LOAD CAPACITY

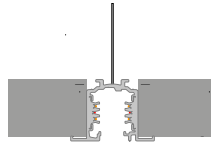
The three-phase tracks can bear a load of 2kg every 200 mm with a maximum distance of 800 mm between fixing points.



Track system | Three phases + DALI | Ceiling / Suspension



Track system | Three-phase + DALI | Recessed mounted



Track system | Three-phase + DALI

	1 m	2 m	3 m
White	80981	80982	80983
Black	80984	80985	80986
Grey	80987	80988	80989

Track system | Recessed track

	1 m	2 m	3 m
White	80990	80991	80992
Black	80993	80994	80995
Grey	80996	80997	80998

Track system | End feed

	Alim. DX	Alim. SX
White	81033	81036
Black	81034	81037
Grey	81035	81038

Track system | Jointing connector

White	81039
Black	81040
Grey	81041

Track system | Middle linear feed

White	81042
Black	81043
Grey	81044

Track system | L-feed

	Giunto INT	Giunto EST
White	81045	81048
Black	81046	81049
Grey	81047	81050

Track system | Adjustable corner

White	81066
Black	81067
Grey	81068

Track system | X-feed

White	81063
Black	81064
Grey	81065

Track system | T-feed

	EST/SX	EST/DX
White	81051	81054
Black	81052	81055
Grey	81053	81056

Track system | T-feed

	INT/SX	INT/DX
White	81057	81060
Black	81058	81061
Grey	81059	81062

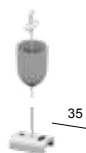
Track system | End cap | Surface mounted

White	80999
Black	81000
Grey	81001

Track system | End cap | Recessed mounted

White	81002
Black	81003
Grey	81004

Track system | Suspended track with steel cable



	1.5 m	5 m
White	81012	81013
Black	81014	81015
Grey	81016	81017

Track system | Suspended track with wire clamp



	1.5 m	5 m
White	81006	81007
Black	81008	81009
Grey	81010	81011

Track system | Suspended track bar M6 with cover



	1 m
White	81021
Black	81022
Grey	81023

Track system | Clamp with M6 thread gripper



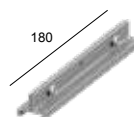
White	81018
Black	81019
Grey	81020

Track system | Ceiling bracket



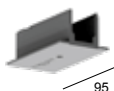
Anod. Al.	81086
White	81087
Black	81088

Track system | Long T-pendante bracket



Anod. Al.	81024
White	81025
Black	81026

Track system | Recessed Cover for End feed



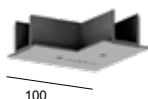
White	81069
Black	81070
Grey	81071

Track system | Recessed Cover for Middle feed



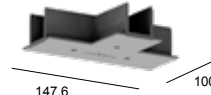
White	81072
Black	81073
Grey	81074

Track system | Recessed Cover for L-feed



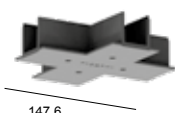
White	81075
Black	81076
Grey	81077

Track system | Recessed Cover for T-feed



White	81078
Black	81079
Grey	81080

Track system | Recessed Cover for X-feed



White	81081
Black	81082
Grey	81083

Track system | Gasket for End feed



White	81084
Black	81085

Track system | Single-phase + DALI base surface mounted



White	81027
Black	81028
Grey	81029

Track system | Adapter for base recessed mounted



White	81030
Black	81031
Grey	81032

Track system | 4 conductors (3-phase) adapter



White	81094
Black	81095
Grey	81096

Track system | 6 conductors (3-phase + DALI) adapter



White	81091
Black	81093
Grey	81092

Track system | Cutting tool for track conductors



Anod. Al.	81005
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CONTINUITY OF GROUNDING

For a correct installation of all the accessories that contribute to the composition of a three-phase track system, the continuity of the grounding line between each element is important.

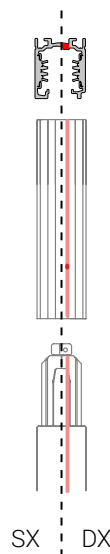
As shown by the section of the track shown on our side drawing, the position of the grounding line (in red) is asymmetrical in regards to the central axis of the track; on the basis of this structural difference it is possible to distinguish the right part (which includes the grounding line) that constrains the insertion of all the accessories.

The positioning of the earth conductor must be placed between the accessory and the structure of the electrified track.

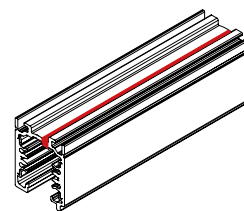
CONFIGURATION

For a correct design, we suggest to compose the structure with a plan view from above, as shown in the following drawing:

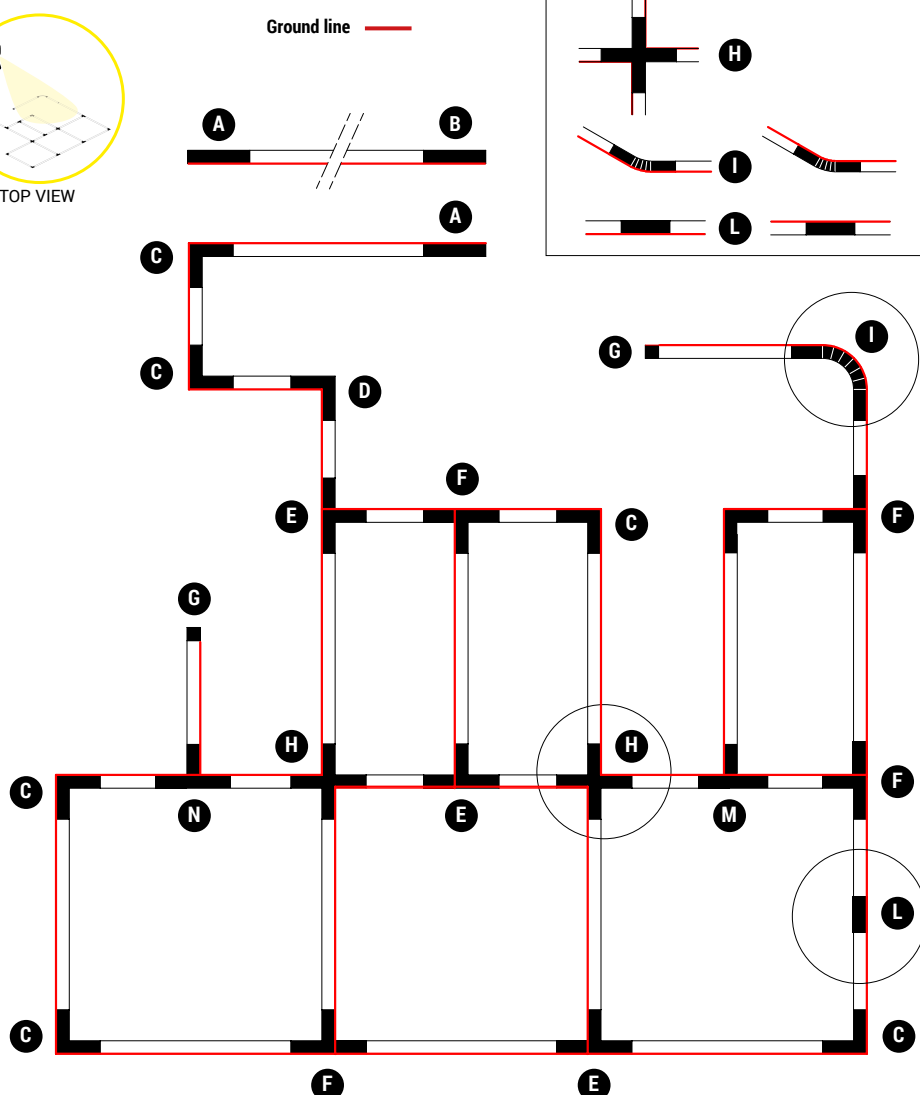
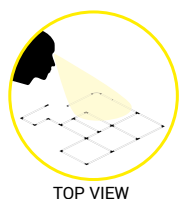
PLAN VIEW



AXONOMETRIC VIEW



OVERHEAD VIEW



A		81033
B		81036
C		81048
D		81045
E		81051
F		81054
G		80999
H		81063
I		81066
L		81042
M		81057
N		81060



projectors optus W



Optus is a new range of products designed for the retail sector: their **clean shapes** and **small sizes** can be combined with track and channel Creek spotlights, pull-out ceiling recessed luminaires, window lighting.

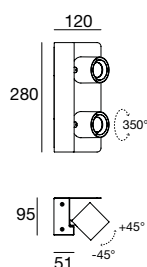
Optus_W is a range of wall luminaires specifically designed for window lighting: the aluminium front carter protects the observer from dazzling, while the adjustable modules (two or three depending on the model) provide ideal lighting for the items on display.

Optus_W can be combined with Balance - CRI 92, Specialty - CRI 98 e Fidelity - CRI 98 LEDs. Available with Spot (15°), Medium Flood (30°) and Flood (60°) optics. These are interchangeable and integrated with beam and glare control accessories.

Materials

Iron sheet - die-cast aluminium

Optus-W2 | Wall luminaires | 190-250 V | 2x 15 W arrayLED | 2x 17 W AC device



Specialty - CRI 98

White	80294	3000 K	2x 1361 lm	W	Spot	15
Black	80295				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80296	3000 K	2x 1458 lm	W	Spot	15
Black	80297	4000 K	2x 1567 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80290	3000 K	2x 1677 lm	W	Spot	15
Black	80291	4000 K	2x 1805 lm	N	Medium Flood	30
					Flood	60

TIR LENSES

**98995**

Spot

**98996**

Medium Flood

**98997**

Flood

ACCESSORIES

**99530**

Elliptical filter

**99531**

Honeycomb

**99532**

Cross louvre

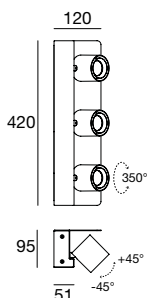
**99533**

Anti-glare pipe

**99534**

Anti-glare 45° screen

Optus-W3 | Wall luminaires | 190-250 V | 3x 15 W arrayLED | 3x 17 W AC device



Specialty - CRI 98

White	80302	3000 K	3x 1361 lm	W	Spot	15
Black	80303				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80304	3000 K	3x 1458 lm	W	Spot	15
Black	80305	4000 K	3x 1567 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80298	3000 K	3x 1677 lm	W	Spot	15
Black	80299	4000 K	3x 1805 lm	N	Medium Flood	30
					Flood	60

TIR LENSES

**98995**

Spot

**98996**

Medium Flood

**98997**

Flood

ACCESSORIES

**99530**

Elliptical filter

**99531**

Honeycomb

**99532**

Cross louvre

**99533**

Anti-glare pipe

**99534**

Anti-glare 45° screen

spot tee



SCALE 1:1 / H 100 mm

Adjustable, the Tee window track spotlights feature **variable optics** and are available in two sizes, both fitted with Balance LEDs.

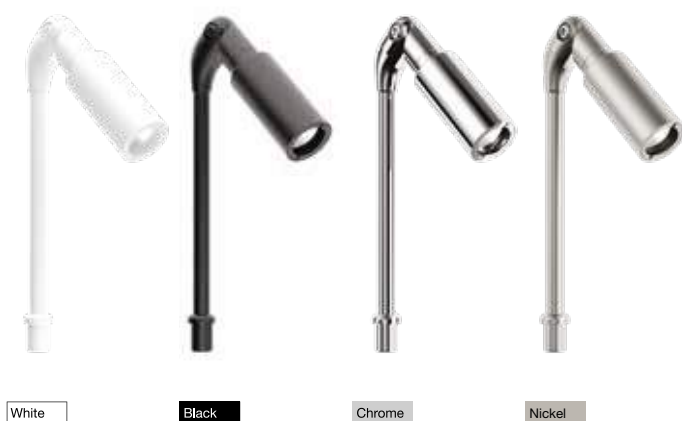
The four finishes proposed (white or black, chrome or nickel) make these small spotlights suitable for any environment; with three stem heights and various installation accessories, it can be installed on different supports.

Materials

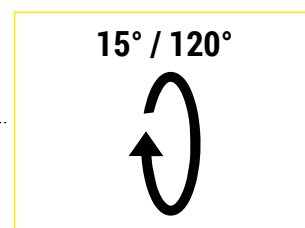
Die-cast aluminium



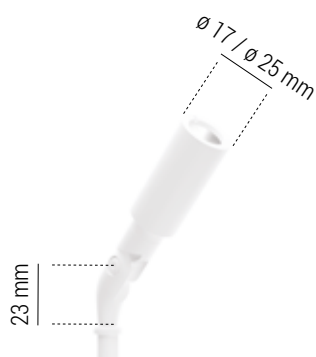
A SPOTLIGHT SUITABLE FOR EVERY ENVIRONMENT



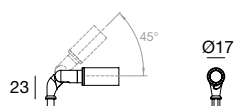
Light beam opening adjustable
from 15° to 50°



Projector angle adjustable
from 15° to 120°



Tee_1 | Movable Spotlight | 1 W 350 mA powerLED



White	90503	3000 K	146 lm	W	Adjustable	85
Black	90504	4000 K	156 lm	N		
Chrome	90505	5000 K	166 lm	C		
Nickel	90506					



89144
ON/OFF
1 - 2 art.



89148
ON/OFF
1 - 2 art.
Base power supply

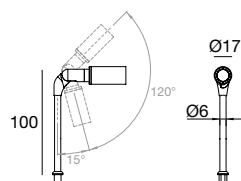


99115
1-10V
1 - 15 art.



99114
DALI
1 - 15 art.

Tee_1 | Movable Spotlight | 1 W 350 mA powerLED



White	90499	3000 K	146 lm	W	Adjustable	85
Black	90500	4000 K	156 lm	N		
Chrome	90501	5000 K	166 lm	C		
Nickel	90502					



89144
ON/OFF
1 - 2 art.



89148
ON/OFF
1 - 2 art.
Base power supply

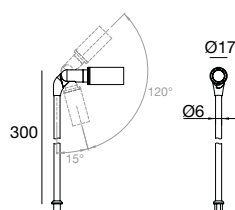


99115
1-10V
1 - 15 art.



99114
DALI
1 - 15 art.

Tee_1 | Movable Spotlight | 1 W 350 mA powerLED



White	90495	3000 K	146 lm	W	Adjustable	85
Black	90496	4000 K	156 lm	N		
Chrome	90497	5000 K	166 lm	C		
Nickel	90498					



89144
ON/OFF
1 - 2 art.



89148
ON/OFF
1 - 2 art.
Base power supply



99115
1-10V
1 - 15 art.



99114
DALI
1 - 15 art.

Tee_1 & Tee_2 | Accessory



White	98972
Black	98973
Chrome	98974
Nickel	98975

More info 90



White	98980
Black	98981
Chrome	98982
Nickel	98983

More info 90



White	98976
Black	98977
Chrome	98978
Nickel	98979

More info 90

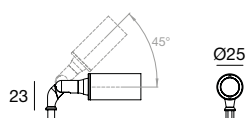


White	99503
Black	99504
Chrome	99505
Nickel	99506

More info 90



Tee_2 | Movable Spotlight | 2 W 630 mA powerLED



White	90515	3000 K	233 lm	W	Adjustable	85
Black	90516	4000 K	249 lm	N		
Chrome	90517	5000 K	266 lm	C		
Nickel	90518					



89147
ON/OFF
1 - 2 art.



89151
ON/OFF
1 - 2 art.
Base power supply

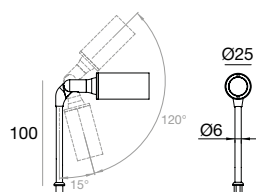


99115
1-10V
1 - 10 art.



99344
DALI
1 - 12 art.

Tee_2 | Movable Spotlight | 2 W 630 mA powerLED



White	90511	3000 K	233 lm	W	Adjustable	85
Black	90512	4000 K	249 lm	N		
Chrome	90513	5000 K	266 lm	C		
Nickel	90514					



89147
ON/OFF
1 - 2 art.



89151
ON/OFF
1 - 2 art.
Base power supply

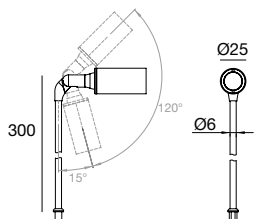


99115
1-10V
1 - 10 art.



99344
DALI
1 - 12 art.

Tee_2 | Movable Spotlight | 2 W 630 mA powerLED



White	90507	3000 K	233 lm	W	Adjustable	85
Black	90508	4000 K	249 lm	N		
Chrome	90509	5000 K	266 lm	C		
Nickel	90510					



89147
ON/OFF
1 - 2 art.



89151
ON/OFF
1 - 2 art.
Base power supply



99115
1-10V
1 - 10 art.



99344
DALI
1 - 12 art.

Tee_1 & Tee_2 | Accessory



White	98972
Black	98973
Chrome	98974
Nickel	98975

More info 91



White	98980
Black	98981
Chrome	98982
Nickel	98983

More info 91



White	98976
Black	98977
Chrome	98978
Nickel	98979

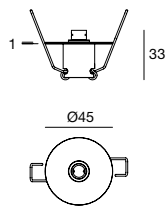
More info 91



White	99503
Black	99504
Chrome	99505
Nickel	99506

More info 91

Tee_1 & Tee_2 | Fixing springs for recessed mounting

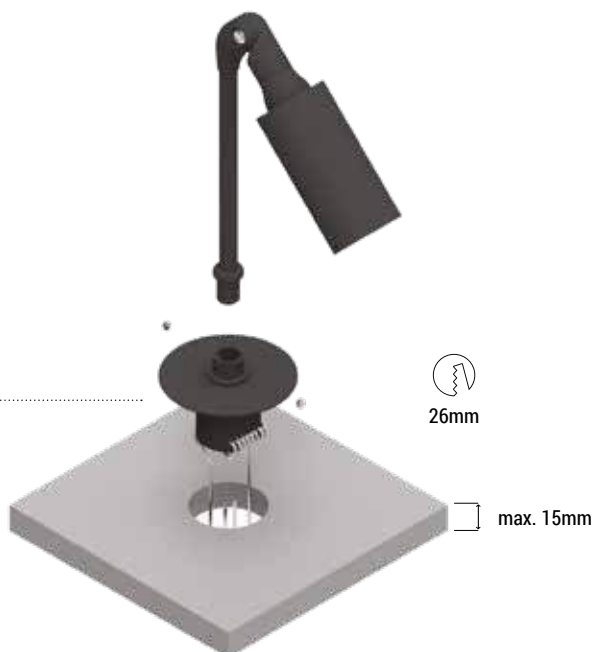


finishes available

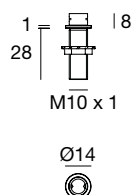
Tee_1, Tee_2

code

White	98972
Black	98973
Chrome	98974
Nickel	98975



Tee_1 & Tee_2 | Threaded pins for recessed mounting

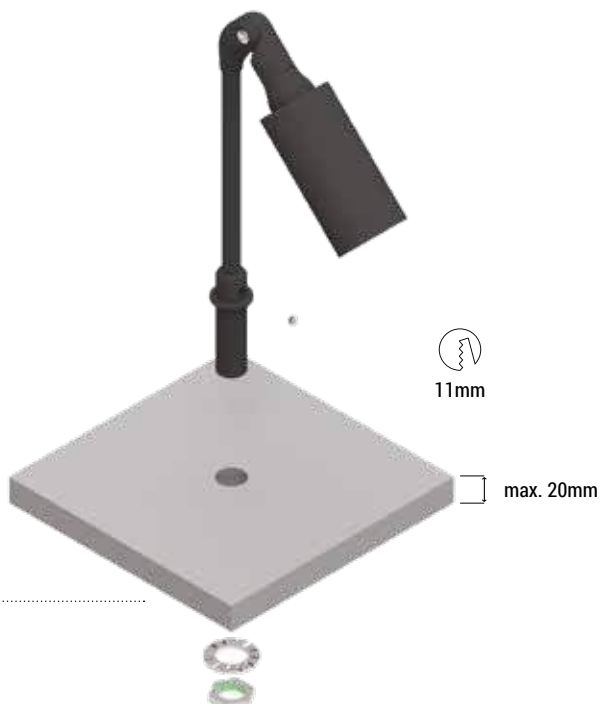
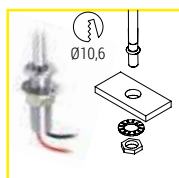


finishes available

Tee_1, Tee_2

code

White	98980
Black	98981
Chrome	98982
Nickel	98983



Tee_1 & Tee_2 | Fixing screws for surface mounting



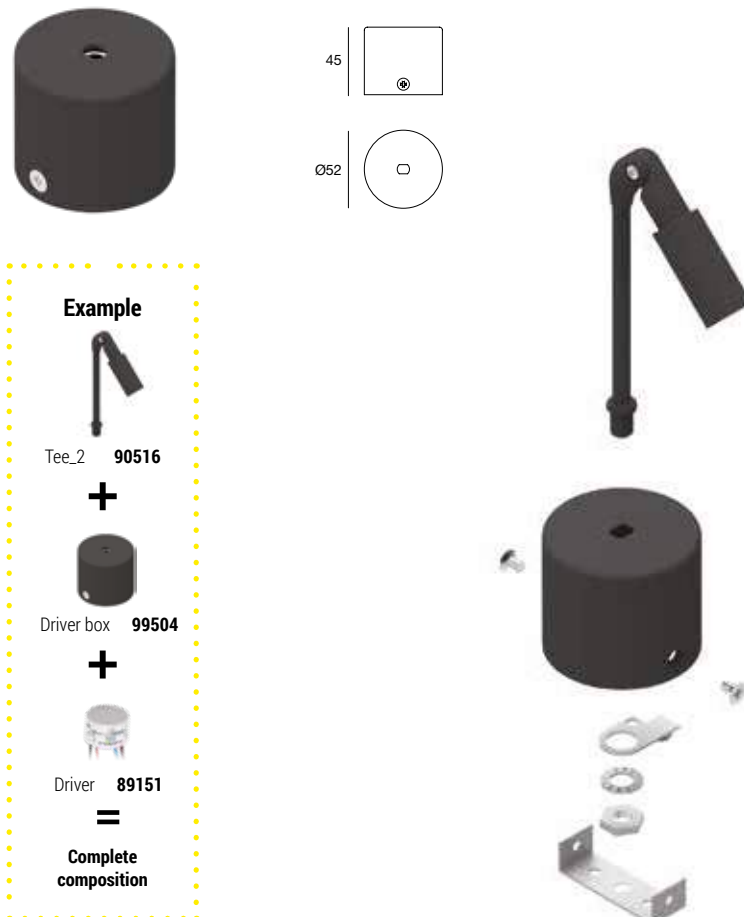
finishes available

Tee_1, Tee_2

code

White	98976
Black	98977
Chrome	98978
Nickel	98979

Tee_1 & Tee_2 | Driver holder base for ceiling mounting (driver not included)



finishes available

Tee_1, Tee_2

code

White	99503
Black	99504
Chrome	99505
Nickel	99506



Power supply not included inside the base, to be purchased separately. See the table for the right power supply.

Driver suitable for

Tee_1

code

89148

Tee_2

89151

projectors creek

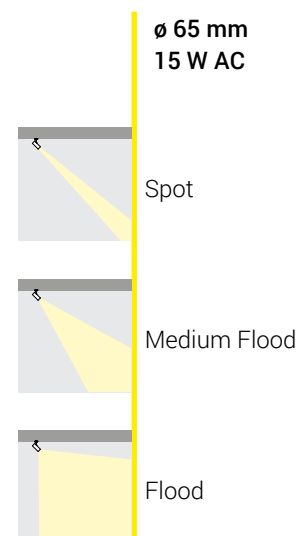
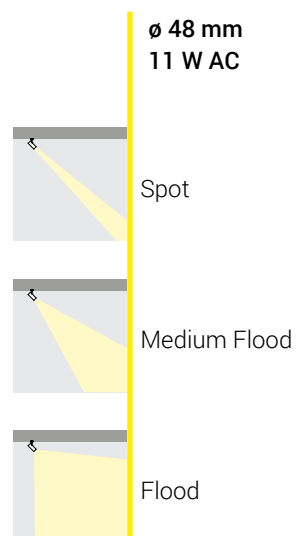


Without an external frame, Creek allows the installation of highly flexible professional lighting solutions. Its ingenious installation system facilitates mounting of the fixtures to the structure in the false ceiling (carter and track spotlights) without tools, and in a few simple steps.

Creek is the ideal choice for any retailer who wants to create an atmosphere that fits with his concept of visual merchandising. Its winning features are freedom of application and discreet blending with the surrounding space.

Materials
Aluminium



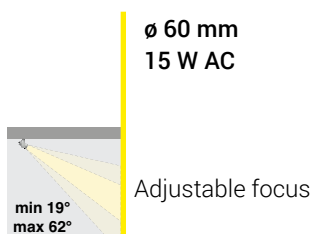




85
mm

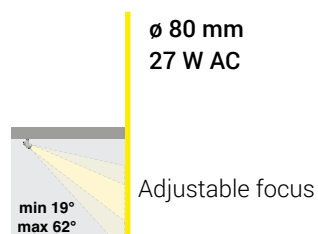


85
mm



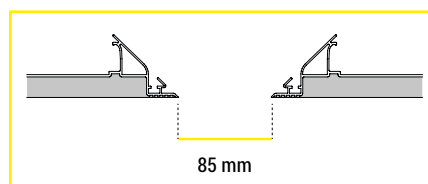
ø 60 mm
15 W AC

Adjustable focus

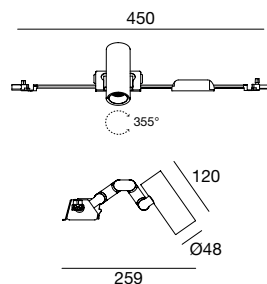


ø 80 mm
27 W AC

Adjustable focus



Creek Pound_1 | System_85 - System_130 | 190-250 V | 9 W arrayLED | 11 W AC device



Balance - CRI 92

White	80174	3000 K	929 lm	W	Spot	15
Black	80175	4000 K	995 lm	N	M. Flood	30
					Flood	60

TIR LENSES

**99448**

Spot

**99449**

Medium Flood

**99450**

Flood

ACCESSORIES

**99401**

Elliptical filter

**99400**

Honeycomb

**99399**

Cross louvre

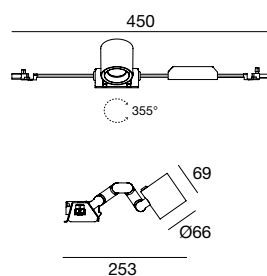
**99402**

Anti-glare pipe

**99403**

Anti-glare 45° screen

Creek Optus_1 | System_85 - System_130 | 190-250 V | 14 W arrayLED | 15 W AC device



Specialty - CRI 98

White	80270	3000 K	1361 lm	W	Spot	15
Black	80271				M. Flood	30
					Flood	60

Balance - CRI 92

White	80178	3000 K	1677 lm	W	Spot	15
Black	80179	4000 K	1805 lm	N	M. Flood	30
					Flood	60

TIR LENSES

**98995**

Spot

**98996**

Medium Flood

**98997**

Flood

ACCESSORIES

**99530**

Elliptical filter

**99531**

Honeycomb

**99532**

Cross louvre

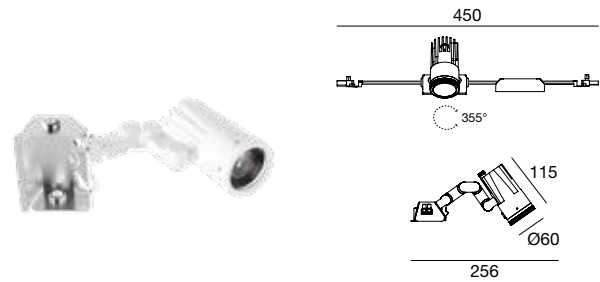
**99533**

Anti-glare pipe

**99534**

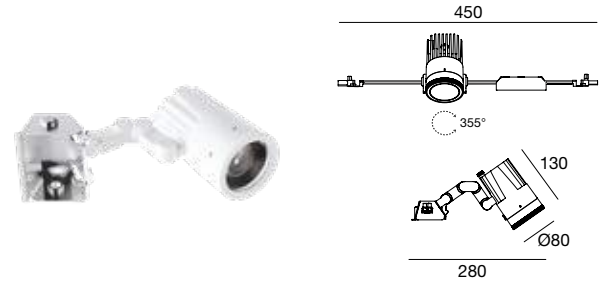
Anti-glare 45° screen

Creek Iris_1 | System_85 - System_130 | 190-250 V | 14 W arrayLED | 15 W AC device

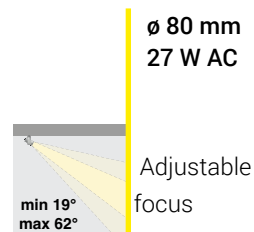
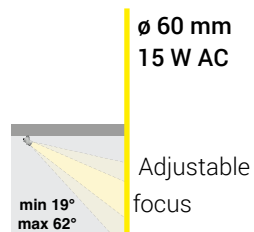
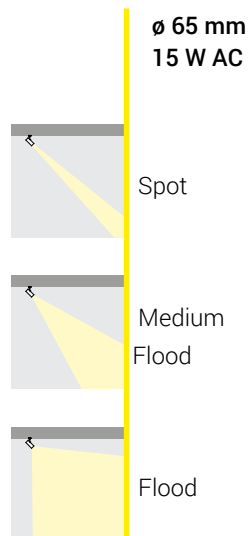
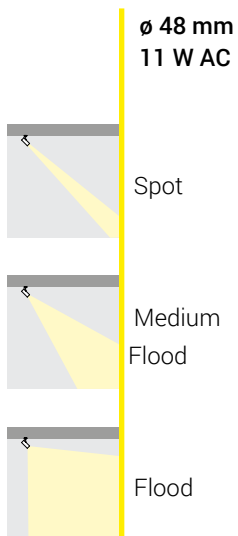


Balance - CRI 92					
White	80093	3000 K	1677 lm	W	Adjustable
Black	80094	4000 K	1805 lm	N	85

Creek Iris_2 | System_85 - System_130 | 190-250 V | 25 W arrayLED | 27 W AC device



Balance - CRI 92					
White	80097	3000 K	2794 lm	W	Adjustable
Black	80098	4000 K	2990 lm	N	85



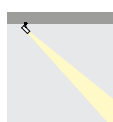


130
mm

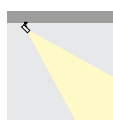


130
mm

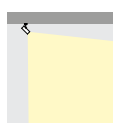
ø 103 mm
41 W AC



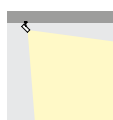
Spot



Medium Flood

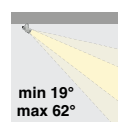


Flood

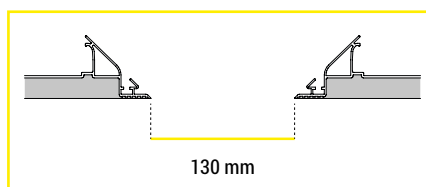


Wide Flood

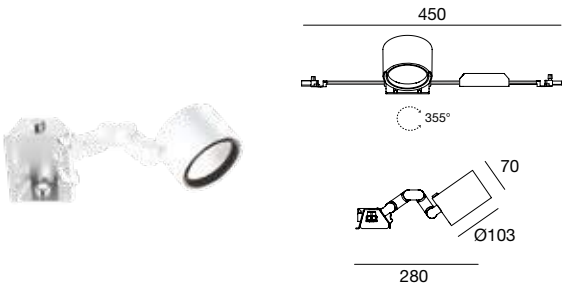
ø 100 mm
41 W AC



Adjustable focus



Creek Optus_2 | System_130 | 190-250 V | 37 W arrayLED | 41 W AC device



Specialty - CRI 98					
White	80420	3000 K	3297 lm	W	Spot 15
Black	80421				M. Flood 30
					Flood 60
					W. Flood 90

Balance - CRI 92					
White	80182	3000 K	4058 lm	W	Spot 15
Black	80183	4000 K	4363 lm	N	M. Flood 30
					Flood 60
					W. Flood 90

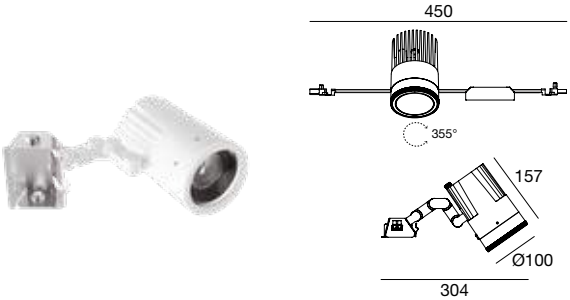
OPTICS

99471	99404	99405	99406
Spot	Medium Flood	Flood	Wide Flood

ACCESSORIES

99654	99655	98520	98519	98518	98523
Elliptical filter	Honeycomb	Cross louvre	Anti-glare pipe	Anti-glare 45° screen	Directional flaps

Creek Iris_3 | System_130 | 190-250 V | 37 W arrayLED | 41 W AC device



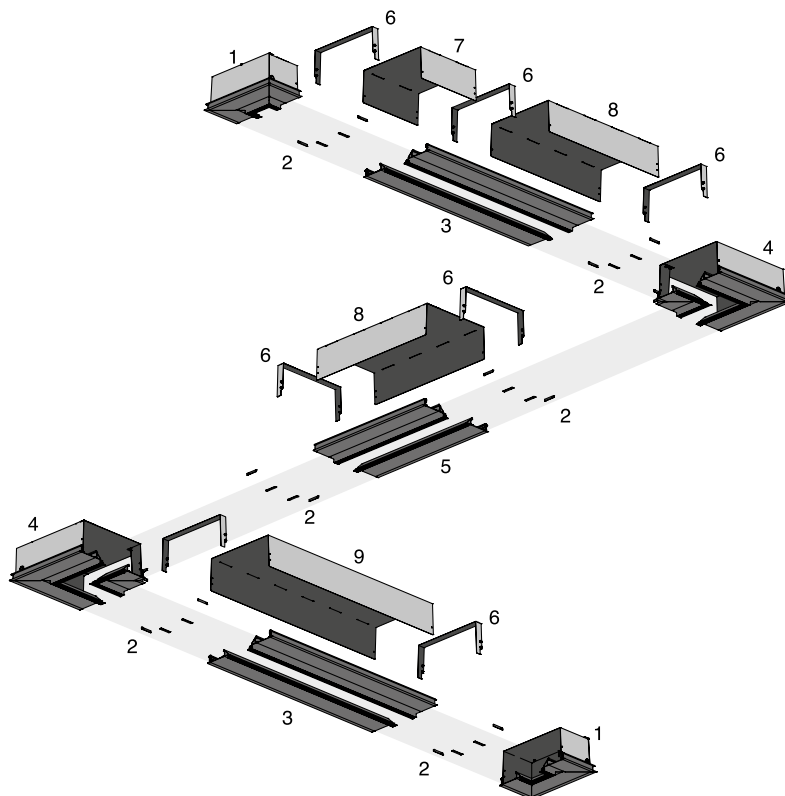
Balance - CRI 92					
White	80101	3000 K	4022 lm	W	Adjustable 85
Black	80102	4000 K	4323 lm	N	

_130



INTEGRATED ARCHITECTURE SOLUTIONS

- 1 | End carter
- 2 | Fixing linear brackets
- 3 | Linear profiles (900 mm)
- 4 | L-shaped carter
- 5 | Linear profiles (300 mm)
- 6 | Carter joint
- 7 | Linear carter (300 mm)
- 8 | Linear carter (600 mm)
- 9 | Linear carter (900 mm)



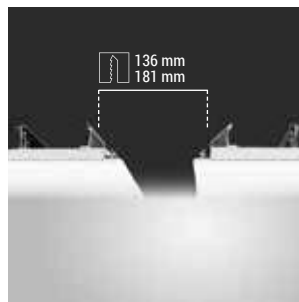
MAIN FEATURES



The track spotlights are powered by a single line, regardless of their number.



Six different luminaires available, depending on lighting requirements.

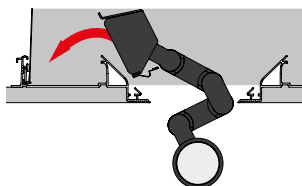


The structure is assembled depending on the size of the false ceiling.



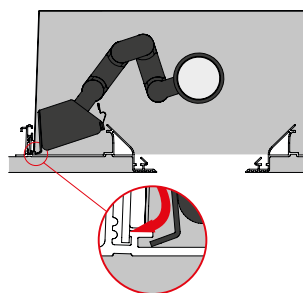
"PLUG & PLAY" connection with wired power supply.

STEP 1



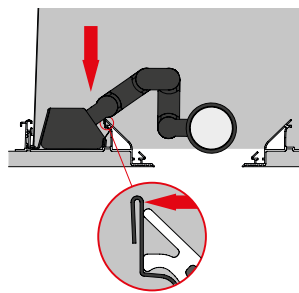
Once the structure has been set up in the false ceiling, the swing arm is inserted: the lighting fixture is at one end and the fixing base at the other end.

STEP 2



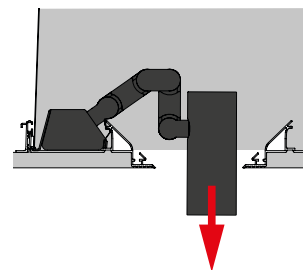
Fixing is carried out through snap-fit mounting, by inserting the base end in the profile inner seat.

STEP 3



The process is completed by pressing down the base near the point where the swing arm is inserted.

STEP 4



The lighting fixture is ready to be extracted and pointed. It may also be moved along the structure by pressing two flaps and sliding the fixing base.

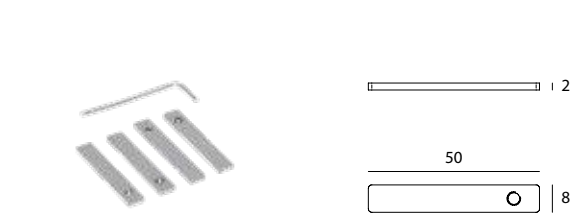


Carter Linear_P (couple)



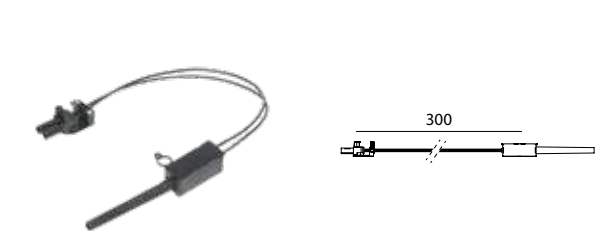
type	L mm	
Black	600	64307
White	600	64306
Black	900	64317
White	900	64316
Black	1800	64327
White	1800	64326
Black	3000	64337
White	3000	64336

Carter Fixing brackets



type	
Grey	64390

Cable Power Supply



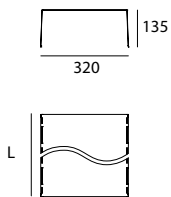
type	
Black	64391

Extension cable Extension kit



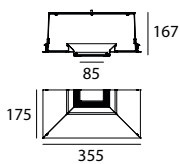
type	L mm	
Black	300	64392
Black	600	64393
Black	900	64394

Top Carter System_85 Linear_C



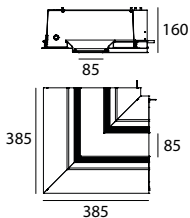
type	L mm	
Black	300	64407
White	300	64408
Black	600	64417
White	600	64418
Black	900	64427
White	900	64428

Carter System_85 End_C



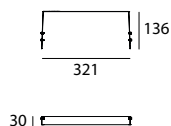
type	
Black	64437
White	64438

Carter System 90° with cover_85 L-Shaped_C



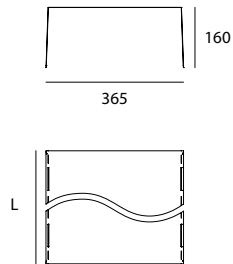
type	
Black	64447
White	64448

Dimming C-junction between the carter _85



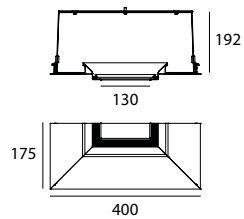
type	
Black	64467
White	64468

Top Carter System_130 Linear_C



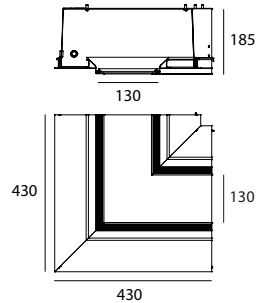
type	L mm	
Black	300	64347
White	300	64346
Black	600	64357
White	600	64356
Black	900	64367
White	900	64366

Carter System_130 End_C



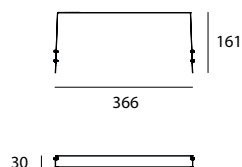
type	
Black	64377
White	64376

Carter System 90° with cover_130 L-Shaped_C



type	
Black	64387
White	64386

Dimming C-junction between the carter _130



type	
Black	64457
White	64458

_130





large scale distribution fresh food



The great influence that professional lighting can have on customers' impressions is often overlooked by traders. Used in a skilful way, lighting can be very profitable, especially in supermarkets and food stores (bakeries, butcher shops, greengrocers, ...). There are indeed many benefits that can be drawn from LED lighting specially designed for food displays.



SPECIFIC TRACK SPOTLIGHTS FOR FOOD DISPLAYS

FRESH

The right lighting system increases sales and directs customers' attention to quality rather than to price. Naturally, protection against heat and ultraviolet rays is essential. Specially designed LEDs that can reduce radiation to a minimum and are specific for each type of food (meat, fish and bread) are the best solution for this purpose.

- EXCELLENT COLOUR RENDERING
- VERY LOW UV RAYS EMISSION
- COLOUR TEMPERATURE (K)
- DEDICATED EMISSION SPECTRUM
- HIGH ENERGY SAVING

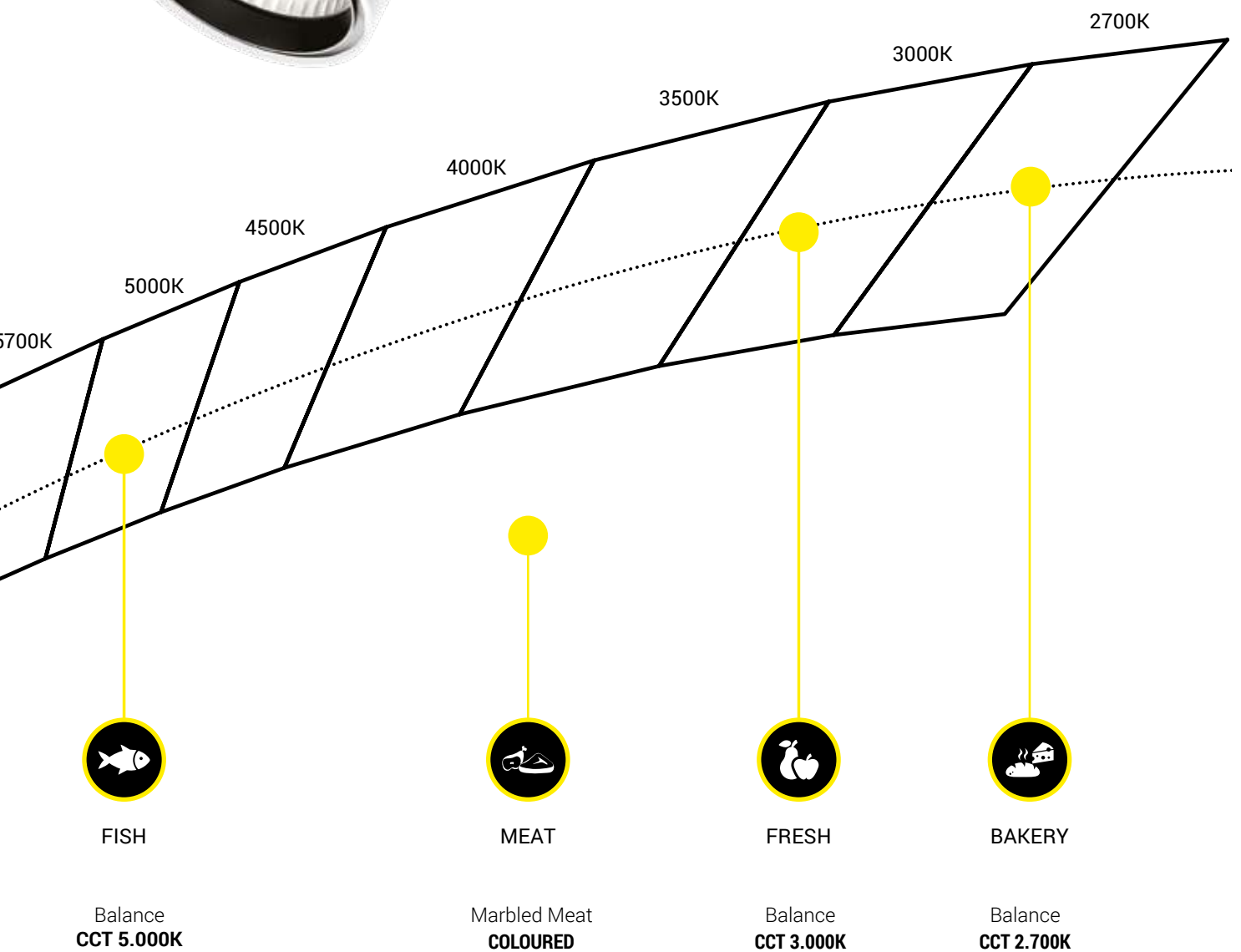
Interspar | Conegliano — Italy



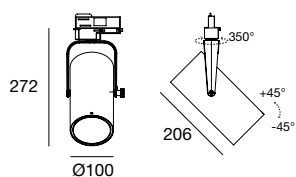
6500K



4 FOOD



Angular_4 | Projectors | 190-250 V | 37 W arrayLED | 41 W AC device



Balance - CRI 92

White	80121	Fish	5000 K	4667 lm	C	Spot	15
Black	80122	Meat		3847 lm	F	M. Flood	30
Grey	80123	Fresh	3000 K	4058 lm	W	Flood	60
		Bakery	2700 K	3792 lm	M		

TIR LENSES



98524
Spot



98525
Medium Flood



98526
Flood



98515
Transparent screen



99516
Opaline diffuser

ACCESSORIES



99654
Elliptical filter



99655
Honeycomb



98520
Cross louvre



98519
Anti-glare pipe

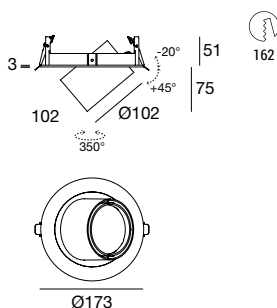


98518
Anti-glare 45° screen



98523
Directional flaps

Optus_EX2 | Downlight | 35 W 950 mA arrayLED



Balance - CRI 92

White	80232	Fish	5000 K	4667 lm	C	Spot	15
Black	80233	Meat		3847 lm	F	Medium Flood	30
		Fresh	3000 K	4058 lm	W	Flood	60
		Bakery	2700 K	3792 lm	M	Wide	90

OPTICS



99471
Spot



99404
Medium Fl.



99405
Flood



99406
Wide Flood

ELECTRONICS



99239
ON/OFF
1 art.



99241
1-10V DALI
1 art.



99345
DALI
1 art.



99355
EMERGENCY
1 art. ▶ 226

ACCESSORIES



99479
Kicker



98520
Cross louvre



99654
Elliptical filter



99655
Honeycomb



98519
Anti-glare pipe



98518
Anti-glare 45° screen



98523
Directional flaps

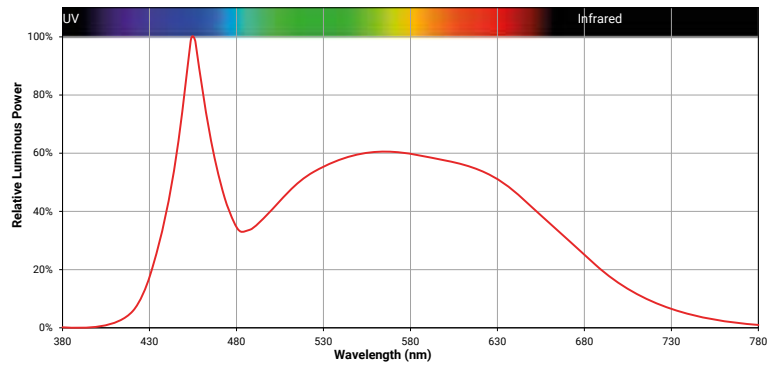


FISH - 5000K



All food contained in refrigerators and freezers gain freshness with a very white light. The cold colours have a strong emotional effect: freshness and storage capacity are estimate intuitively better in environments that appear cold.

Light for fish and frozen foods

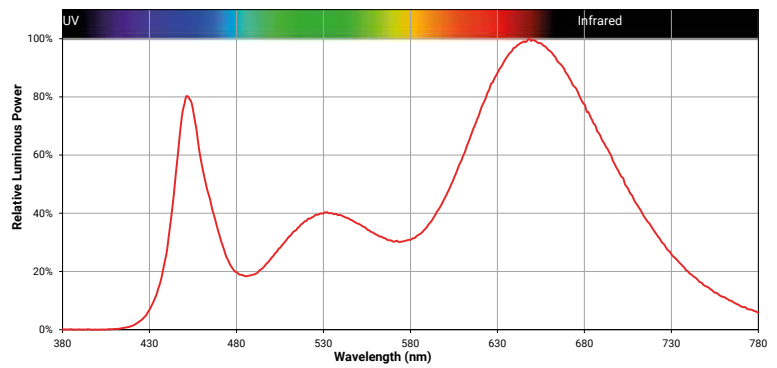


MEAT - ↓BBL (BELOW BBL)



The art of lighting meats and cured meats is closely linked to the careful use of colours. Enhancing the different shades of red in meat peaces contributes in giving a fresh and genuine appearance to the products. The white colour of bone and fat is not altered by light.

To display meats and sausages

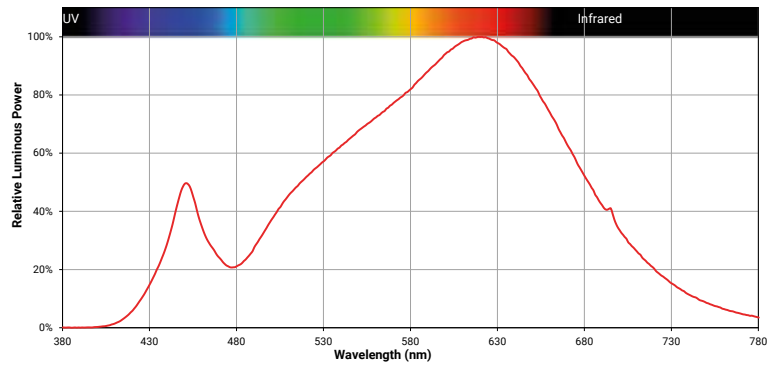


FRESH - 3000K



Clear and bright light gives to fruits and vegetables a fresh and inviting look, like a colourful market on sunny days. Customers can not miss to notice the quality of the products.

To enhance the freshness of fruit and vegetables

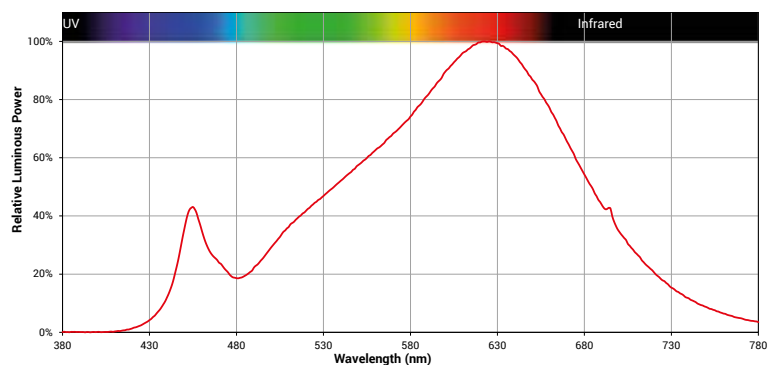


BAKERY - 2700K



The bread looks appetizing and crispy when the light absorbs its warm tone multiplying the effect. This increase of colour is also declined to cheese, which will be well presented according to their natural colours.

Light for cheese and bakery







**SERVIRSI DA SOLI
È FACILE**

*Metti il guanto
che garantisce l'igiene*

*Usa il sacchetto per
ogni prodotto*

*Posalo sulla bilancia e premi
il numero corrispondente*

**POMODORO
DATTERINO**



LINEAR PATHS OF LIGHT

trail linear LED trunking system



Trail is an innovative system of continuous LED lines offering the optimal lighting solution for particularly spacious areas in a sales environment. Its flexible design includes a wide variety of optics and three different powers. Trail features extraordinary efficiency, high brightness and is simple and fast to configure. Thanks to the topLED technology, Trail ensures significant energy savings with very low maintenance, thus speeding up initial investment payback time.

Materials

Steel (cap)

Extruded aluminum (lamp body)

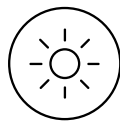


VERSATILE, EFFICIENT AND EASY TO INSTALL



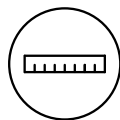
HIGH EFFICIENCY

Trail's great energy efficiency (up to 176 lm / w) and limited maintenance allow greater savings compared with the operating costs of traditional fluorescent systems.



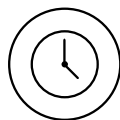
QUALITY LIGHT

Trail a1:f109 uniform and contrast-free illumination, lasting lighting with quality guaranteed by the scrupulous selection of perfectly compatible components.



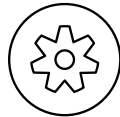
FUNCTIONAL VERSATILITY

Trail's characteristic modularity allows tailor-made configurations by selecting the most suitable lighting solution for each particular environment.



EASY INSTALLATION

Installing a trail continuous line is quick and easy: once the supporting structure is in place, the quick-fit system allows placement of individual lighting units to get the most suitable lighting for the space layout.



REDUCED MAINTENANCE

High quality components also ensure the system's longevity, drastically reducing maintenance.

SPECS



NEW CARTER AND QUICK RELEASE

A new locking and release system thanks to new pressure springs. The model is also updated in the choice of material, pre-galvanized steel instead of aluminium.



NO TOOLS AND REDUCED INSTALLATION TIMES

No tools are required to install and connect trail, the technician can now work in total freedom. Assembly time is reduced by 45% compared to the previous version.



NEW TRACK VERSION

A new model was included in the range thanks to small changes in the wiring and earth leakage protection that allows adding a new track.



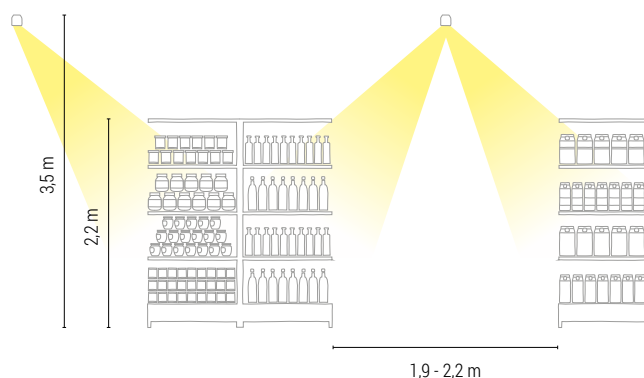
UPS VERSION (UNINTERRUPTIBLE POWER SUPPLIES)

Available on request for trail is the emergency light management system thanks to the ups wiring.

WIDE RANGE OF OPTICS FOR EVERY NEED

ASYMMETRIC AND BI-ASYMMETRIC OPTICS

Side aisles (asymmetric) and centre aisles (biassymmetric) with shelves 2,20 m high. Installation height 3,5 m.



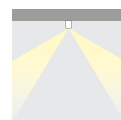
Bi-asymmetric optics, specifically designed for the central aisles of supermarkets, performs the dual function of general, comfortable lighting and guiding customers in the purchasing process.

The special lens directs the light sideways to focus attention on the shelves while reducing glare in transit areas. Customers' eyes are focussed on the displayed goods, making the purchase experience easier.

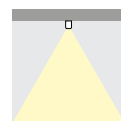
34 W AC



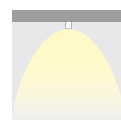
Asymmetric



Bi - Asymmetric



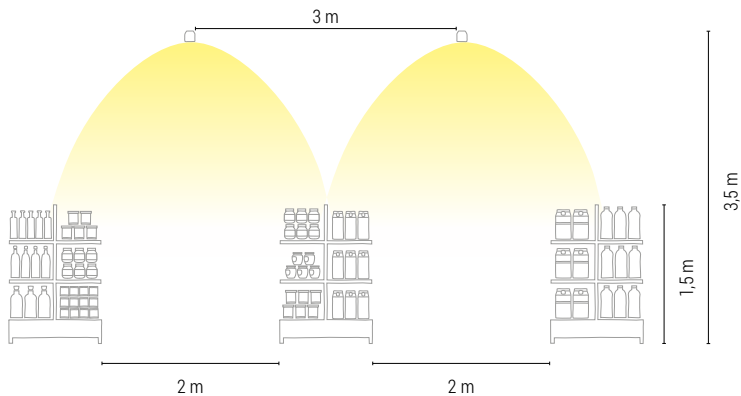
Flood



Wide Flood

DIFFUSED OPTICS

Checkouts, gondolas and shelves max 1,50 m high.
Installation height 3,5 m.



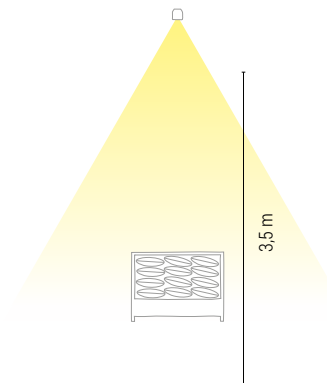
The diffused lens is suitable for the uniform lighting of shelves and aisles.

In chain stores Trail provides uniform illumination for entrances, checkouts and areas occupied by gondolas and low shelving. It can also be used to illuminate spaces without shelves and production departments.

System design is not bound by store layout, allowing settings to be restyled without having to reset any directional pointing.

60° OPTICS

Small warehouses and storerooms with shelves up to 6 m high. Installation height 8 m.

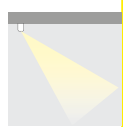


Trail_line with 60° medium-flood optics can replace the diffused version to fulfil the general lighting function in environments with ceiling heights up to 8 m.

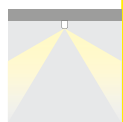
In traditional chain store contexts it can be used for the direct lighting of gondolas, low display units and refrigerated sections, focussing customer attention on free-standing elements.

60° optics is also used in small warehouses and goods storage areas, where it ensures optimised, uniform lighting on aisles and racks.

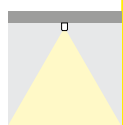
45 W AC



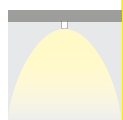
Asymmetric



Bi - Asymmetric



Flood

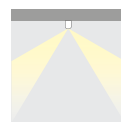


Wide Flood

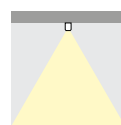
60 W AC



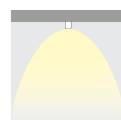
Asymmetric



Bi - Asymmetric

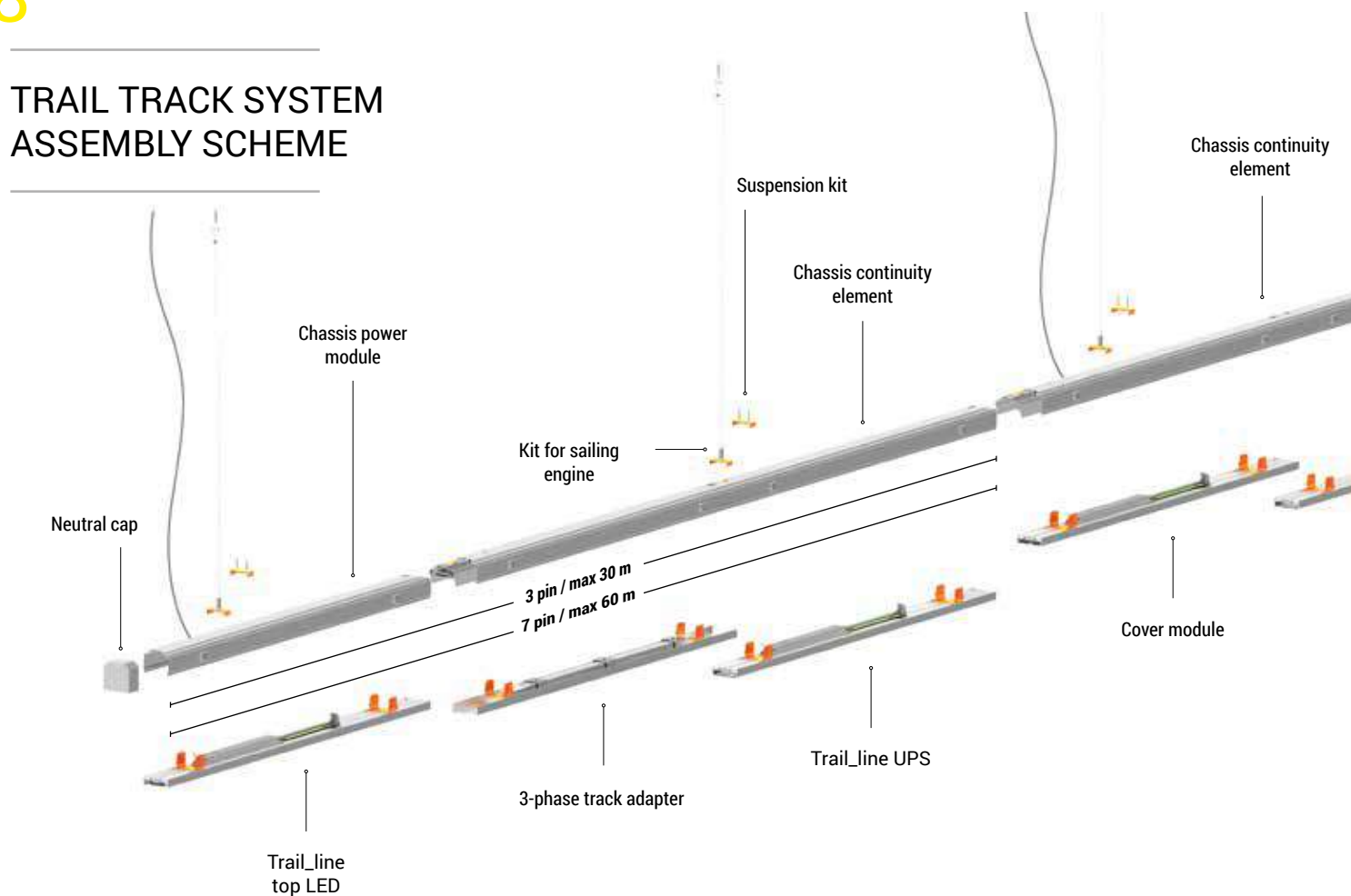


Flood



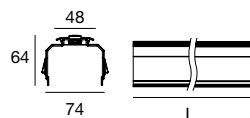
Wide Flood

TRAIL TRACK SYSTEM ASSEMBLY SCHEME



Trunking system | Trail_chassis | Power module

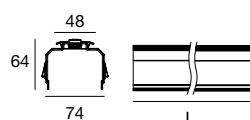
IP20



White	1135 mm	3 pin	ON/OFF	90911
Grey	1135 mm	3 pin	ON/OFF	90912
White	2270 mm	3 pin	ON/OFF	90915
Grey	2270 mm	3 pin	ON/OFF	90916
White	1135 mm	7 pin	ON/OFF / DALI	90913
Grey	1135 mm	7 pin	ON/OFF / DALI	90914
White	2270 mm	7 pin	ON/OFF / DALI	90917
Grey	2270 mm	7 pin	ON/OFF / DALI	90918

Trunking system | Trail_chassis | Continuity element

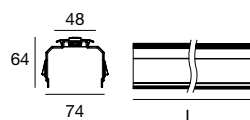
IP20



White	1135 mm	3 pin	ON/OFF	90903
Grey	1135 mm	3 pin	ON/OFF	90904
White	2270 mm	3 pin	ON/OFF	90907
Grey	2270 mm	3 pin	ON/OFF	90908
White	1135 mm	7 pin	ON/OFF / DALI	90905
Grey	1135 mm	7 pin	ON/OFF / DALI	90906
White	2270 mm	7 pin	ON/OFF / DALI	90909
Grey	2270 mm	7 pin	ON/OFF / DALI	90910

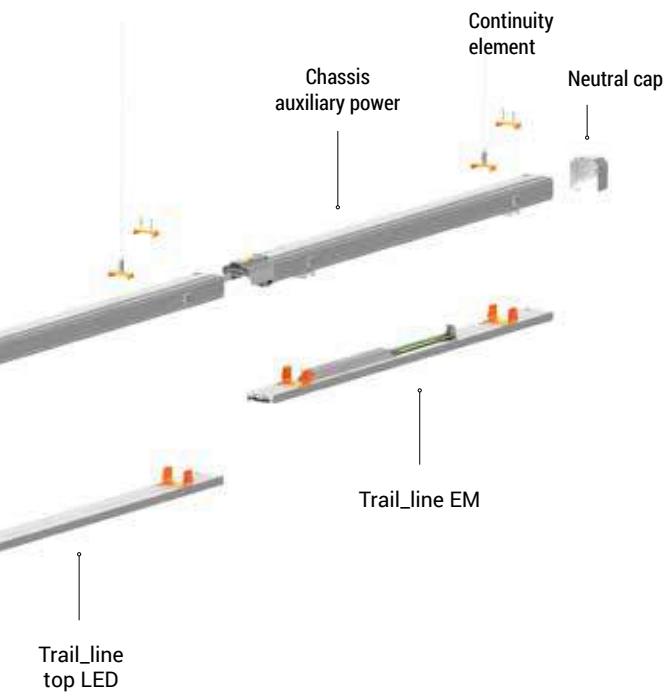
Trunking system | Trail chassis | Auxiliary power

IP20

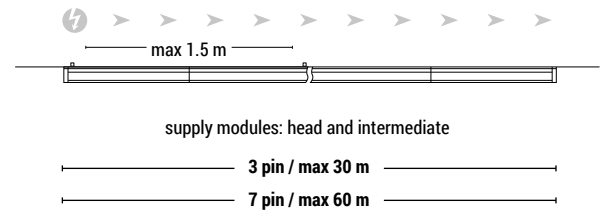


White	1135 mm	7 pin	ON/OFF / DALI	90905E
Grey	1135 mm	7 pin	ON/OFF / DALI	90906E

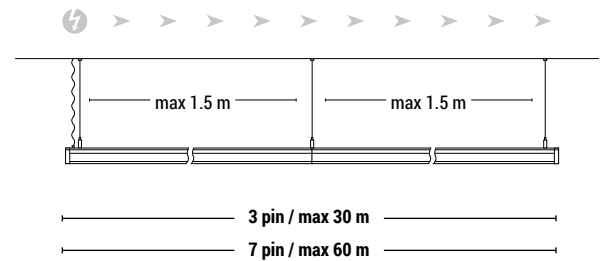




Ceiling installation



Suspended installation



Trail_line | 190-250 V | 29 W topLED | 34 W AC device



Efficiency - CRI 83

White	3 pin	ON/OFF	90919	4000 K	5450 lm	N	Diffused	00
Grey	3 pin	ON/OFF	90920				60°	60
							Asymmetric	07
							Double-asym.	69
White	7 pin	ON/OFF	90921					
Grey	7 pin	ON/OFF	90922					
White	7 pin	DALI	90923					
Grey	7 pin	DALI	90924					

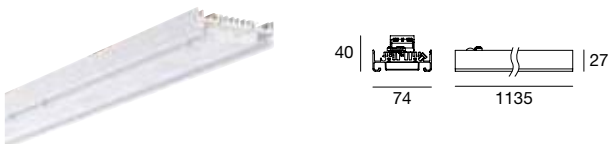
Trail_line | 190-250 V | 41 W topLED | 45 W AC device



Efficiency - CRI 83

White	3 pin	ON/OFF	90925	4000 K	7000 lm	N	Diffused	00
Grey	3 pin	ON/OFF	90926				60°	60
							Asymmetric	07
							Double-asym.	69
White	7 pin	ON/OFF	90927					
Grey	7 pin	ON/OFF	90928					
White	7 pin	DALI	90929					
Grey	7 pin	DALI	90930					

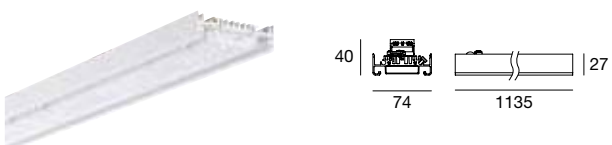
Trail_line | 190-250 V | 54 W topLED | 60 W AC device



Efficiency - CRI 83

White	3 pin	ON/OFF	90931	4000 K	8700 lm	N	Diffused	00
Grey	3 pin	ON/OFF	90932				60°	60
							Asymmetric	07
							Double-asym.	69
White	7 pin	ON/OFF	90933					
Grey	7 pin	ON/OFF	90934					
White	7 pin	DALI	90935					
Grey	7 pin	DALI	90936					

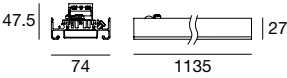
Trunking system | Trail_line | EM



Stand alone auxiliary power on request

UPS SA or SE power on request

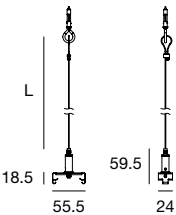
Trunking system | 3-phase track adapter



Module for track lights.
Maximum load 3kg.
Max power 60 W.

White	90952
Grey	90953

Trunking system | Suspension kit

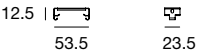


Steel cable adjustable at the base,
necessary for suspended mounting and
available in two versions, 1.5 m and 3 m.

Prepare at least two cables for each
Trail_chassis module installed.

1500 mm	90944
3000 mm	90943

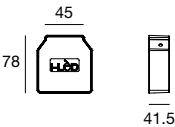
Trunking system | Kits for ceiling hanging



Steel bracket required
for ceiling mounting.
Prepare at least one bracket every 1.5 m of
Trail_chassis module installed.

	90945
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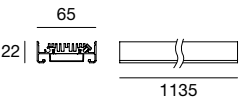
Trunking system | Neutral cap



Neutral closing end cap.

White	90946
Grey	90947

Trunking system | Cover module



Blank cover module.

White	90950
Grey	90951



bulbo collection



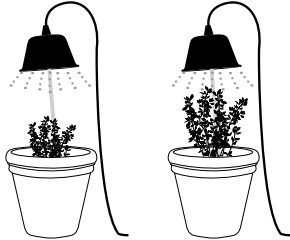
Bulbo Collection lighting fixtures emit a coloured light resulting from the combination of light frequencies. These are selected to activate the photosynthesis process and stimulate growth in plants, including in poorly lit or light-free environments.

The special light spectrum, studied at the laboratories of the *Department of Agricultural Sciences at the University of Bologna - Alma Mater Studiorum*, reproduces the amount of sunlight that plants naturally absorb. For an optimal result, each lamp will be switched on and off regularly in order to reproduce the natural day/night cycle.
Recommended: 15 hours ON and 9 hours OFF.

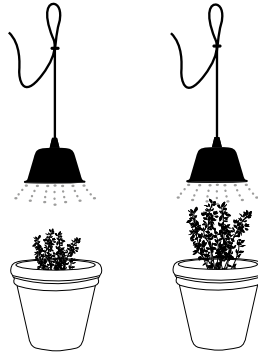
design Lorenzo Antonioni, 2016-2018



Technology available to nature for plants' growth in places without sunlight.
Versatile and carefully designed, Bulbo fixtures will give you the pleasure of seeing your plants grow healthier day after day.



Planted in the soil

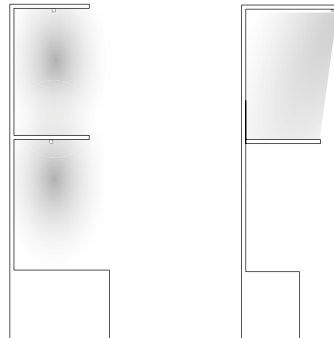


Suspended overhead by its cord from an existing support

CHLOROPHYLL_



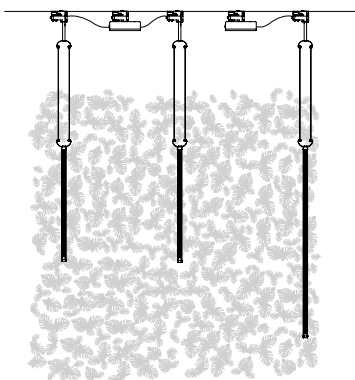
Under shelves or wall units
Retail/contract/residential applications



Thin
Diffused emission

Reika
Asymmetric emission

THIN-REIKA_



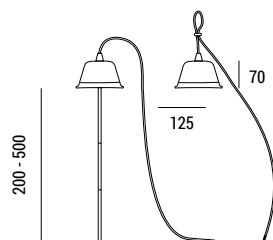
For green wall



For suspended or large plants

VERTICAL_

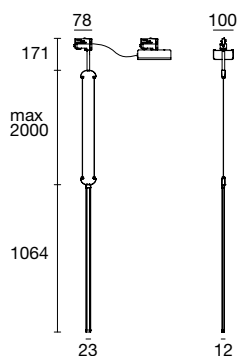
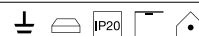
Chlorophyll - Bulbo collection | Pot light | 220-240 V | 3 x powerLED 7 W



Terracotta	8010
Pink	8011
L. Azure	8012

RWB 120°

Vertical_P1 - Bulbo collection | Track luminaires | 220-240 V | powerLED 24 W



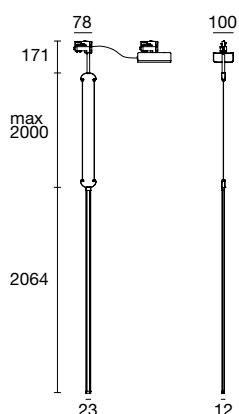
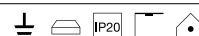
Anod. Al.	8584
Anod. Bl.	8585

RWB diffused

Anod. Al.	8586	x2 Vertical_P1 + driver 48 W
Anod. Bl.	8587	x2 Vertical_P1 + driver 48 W

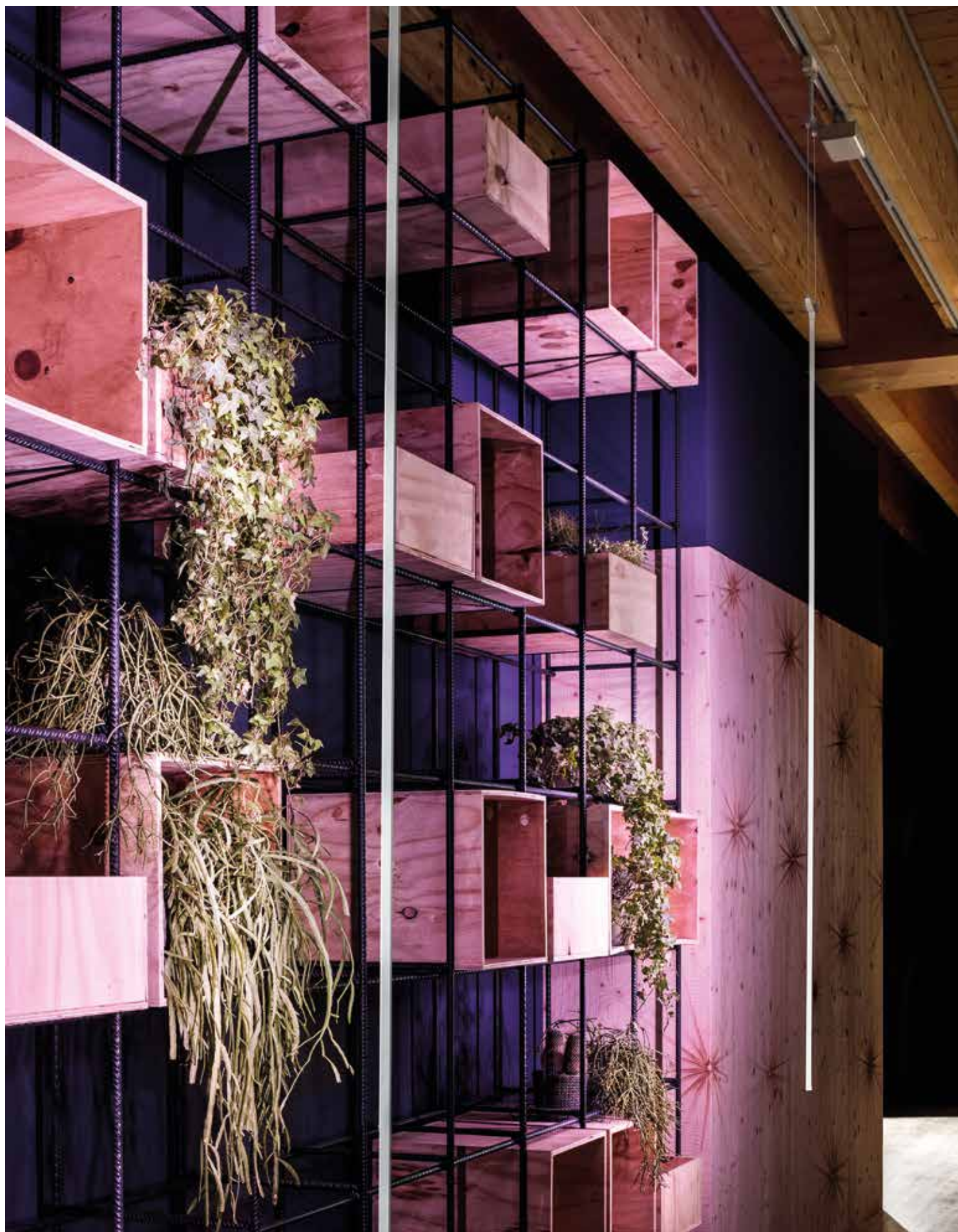
RWB diffused

Vertical_P2 - Bulbo collection | Track luminaires | 220-240 V | powerLED 48 W

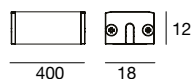


Anod. Al.	8588
Anod. Bl.	8589

RWB diffused

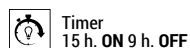


Thin - Bulbo collection | Linear profiles | 220-240 V | powerLED 12 W



Anod. AL.	8562
Anod. AL.	8563

RWB 120°

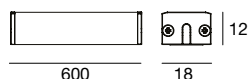


ELECTRONICS



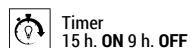
KIT0067 ON/OFF Driver 1 pc	KIT0068 ON/OFF Driver 1-2 pc	KIT0070 ON/OFF Driver 1-4 pc	KIT0071 ON/OFF Driver 1-10 pc	KIT0072 ON/OFF Driver 9-15 pc
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Thin - Bulbo collection | Linear profiles | 220-240 V | powerLED 18 W



Anod. AL.	8566
Anod. AL.	8567

RWB 120°

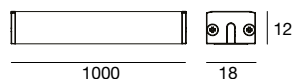


ELECTRONICS



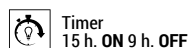
KIT0068 ON/OFF Driver 1 pc	KIT0070 ON/OFF Driver 1-2 pc	KIT0071 ON/OFF Driver 1-6 pc	KIT0072 ON/OFF Driver 5-10 pc
--	--	--	---

Thin - Bulbo collection | Linear profiles | 220-240 V | powerLED 35 W



Anod. AL.	8570
Anod. AL.	8571

RWB 120°

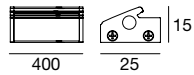


ELECTRONICS



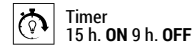
KIT0069 ON/OFF Driver 1 pc	KIT0071 ON/OFF Driver 1-3 pc	KIT0072 ON/OFF Driver 3-5 pc
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Reika - Bulbo collection | Linear profiles | 220-240 V | powerLED 12 W



Anod. Al.	8574
Anod. Al.	8575

RWB Asymmetric

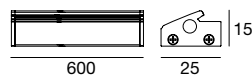


ELECTRONICS



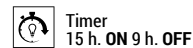
KIT0067	KIT0068	KIT0070	KIT0071	KIT0072
ON/OFF Driver 1 pc	ON/OFF Driver 1-2 pc	ON/OFF Driver 1-4 pc	ON/OFF Driver 1-10 pc	ON/OFF Driver 9-15 pc

Reika - Bulbo collection | Linear profiles | 220-240 V | powerLED 18 W



Anod. Al.	8578
Anod. Al.	8579

RWB Asymmetric

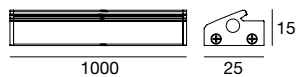


ELECTRONICS



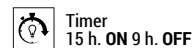
KIT0068	KIT0070	KIT0071	KIT0072
ON/OFF Driver 1 pc	ON/OFF Driver 1-2 pc	ON/OFF Driver 1-6 pc	ON/OFF Driver 15-10 pc

Reika - Bulbo collection | Linear profiles | 220-240 V | topLED 35 W



Anod. Al.	8582
Anod. Al.	8583

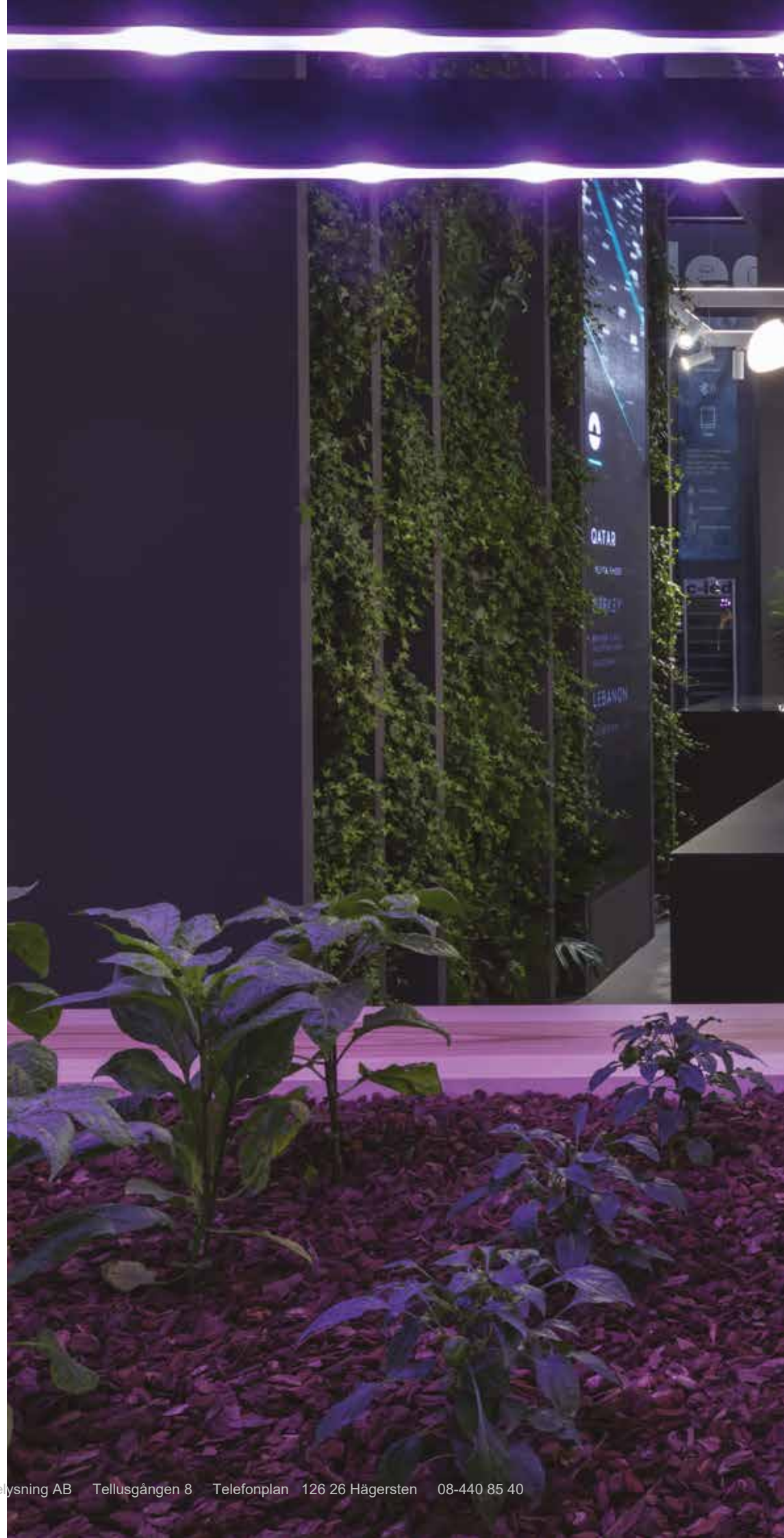
RWB Asymmetric



ELECTRONICS



KIT0069	KIT0071	KIT0072
ON/OFF Driver 1 pc	ON/OFF Driver 1-3 pc	ON/OFF Driver 3-5 pc







DOWNLIGHTS LIGHT ACCENTS

downlights optus_ex



Optus is a new range of products designed for the retail sector: their clean shapes and small sizes can be combined with track and channel Creek spotlights, pull-out ceiling recessed luminaires, window lighting.

Optus_EX is a recessed and pull-out ceiling lighting fixture featuring a 350° rotation on the horizontal axis and a 65° tilt (from -20° to + 45°) on the vertical axis.

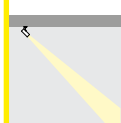
Available in two sizes, Optus_EX can be combined with Balance - CRI 92, Specialty - CRI 98 e Fidelity - CRI 98 LEDs; the available optics are Spot (15°), Medium Flood (30°) and Flood (60°). They are interchangeable and integrated with beam and glare control Accessories.

Materials

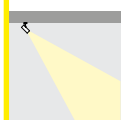
Die-cast aluminium



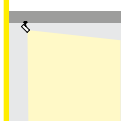
Ø 138 mm
18 W AC



Spot



Medium Flood

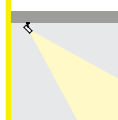


Flood

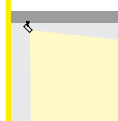
Ø 173 mm
35 W AC



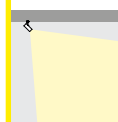
Spot



Medium Flood



Flood



Wide Flood

LIGHTING FIXTURES CAN BE COMBINED WITH

Optus_T



Optus_W2
Optus_W3



SPOTLIGHTS AVAILABLE WITH EYE-WIFI TECHNOLOGY

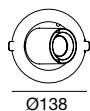
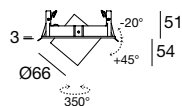
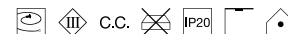


TRACK SPOTLIGHTS SPECIFIC FOR FOOD



Projectors available with specific LEDs
for lighting meat, fish and bakery / dairy
products. Go to page 110

Optus_EX1 | Downlight | 18 W 500 mA arrayLED



Specialty - CRI 98

White	80342	3000 K	1635 lm	W	Spot	15
Black	80343				Medium Flood	30
					Flood	60

Fidelity - CRI 98

White	80344	3000 K	1753 lm	W	Spot	15
Black	80345	4000 K	1885 lm	N	Medium Flood	30
					Flood	60

Balance - CRI 92

White	80220	3000 K	2016 lm	W	Spot	15
Black	80221	4000 K	2170 lm	N	Medium Flood	30
					Flood	60

TIR LENSES



98995

Spot



98996

Medium Flood



98997

Flood

ELECTRONICS



99106

ON/OFF
1 art.



99115

1-10V
1 art.



99114

DALI
1 art.



99355

EMERGENCY
1 art. ▶ 226

ACCESSORIES



99510

Kicker



99531

Cross louvre



99530

Elliptical
filter



99532

Honeycomb



99533

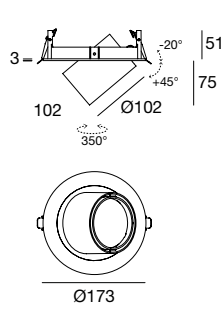
Anti-glare
pipe



99534

Anti-glare
pipe a 45°

Optus_EX2 | Downlight | 35 W 950 mA arrayLED



Specialty - CRI 98

White	80238	3000 K	3297 lm	W	Spot	15
Black	80239				Medium Flood	30
					Flood	60
					Wide	90

Fidelity - CRI 98

White	80241	3000 K	3526 lm	W	Spot	15
Black	80242	4000 K	3792 lm	N	Medium Flood	30
					Flood	60
					Wide	90

Balance - CRI 92

White	80232	3000 K	4058 lm	W	Spot	15
Black	80233	4000 K	4363 lm	N	Medium Flood	30
					Flood	60
					Wide	90

OPTICS

**99471**

Spot

**99404**

Medium Fl.

**99405**

Flood

**99406**

Wide Flood

ELECTRONICS

**99239**ON/OFF
1 art.**99241**1-10V DALI
1 art.**99345**DALI
1 art.**99355**EMERGENCY
1 art. 226

ACCESSORIES

**99479**

Kicker

**98520**Cross
louvre**99654**Elliptical
filter**99655**

Honeycomb

**98519**Anti-glare
pipe**98518**Anti-glare
pipe a 45°**98523**Directional
flaps





downlights illuminator



Illuminator is a series of modular luminaires for false ceilings mounting, available in two models with one, two or three adjustable modules.

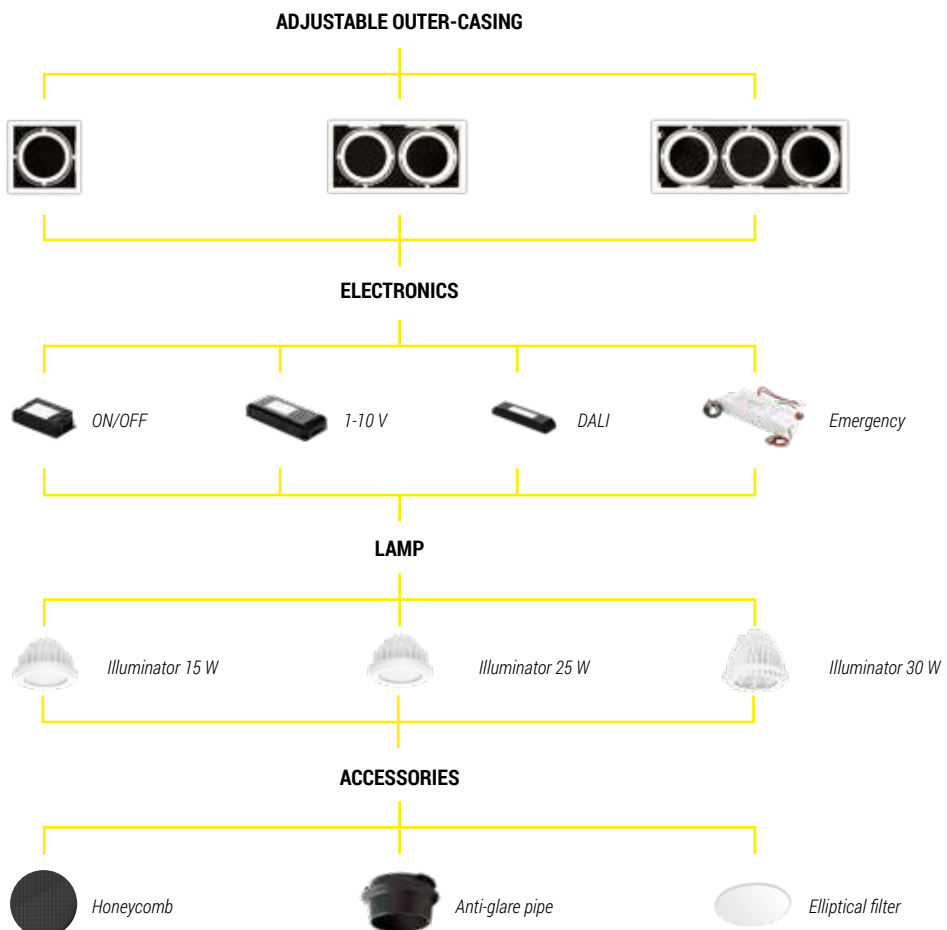
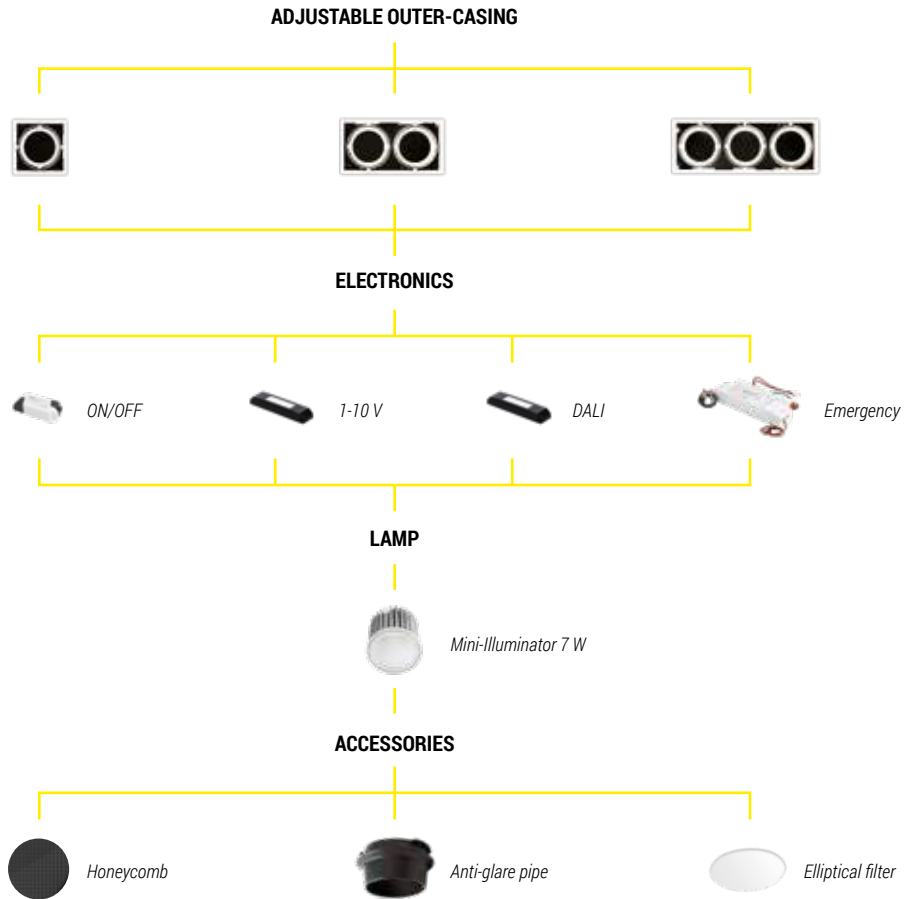
The smaller version is compatible with luminaires with Balance - CRI 92 LEDs and Spot (15°), Medium Flood (30°) and Flood (60°) optics that can be integrated with beam and glare control accessories.

The larger version is compatible with luminaires with Balance - CRI 92 LEDs, and interchangeable Spot (15°), Medium Flood (30°) and Flood (60°) optics.

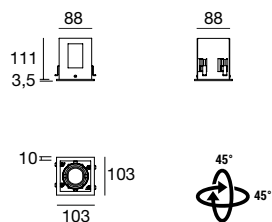
Materials

Iron sheet

die-cast aluminium

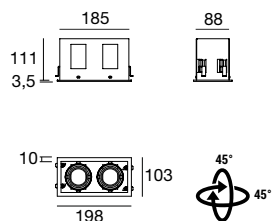


Mini-Illuminator | Adjustable outer-casing 1x



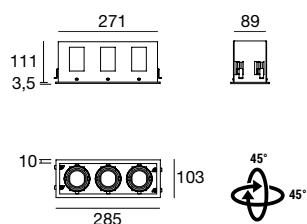
White	1 x lamp	99485
Black	1 x lamp	99488

Mini-Illuminator | Adjustable outer-casing 2x



White	2 x lamp	99486
Black	2 x lamp	99489

Mini-Illuminator | Adjustable outer-casing 3x



White	3 x lamp	99487
Black	3 x lamp	99490

Mini-illuminator | Accessories



Honeycomb

Black **99550**



Anti-glare pipe

Black **99554**



Elliptical filter

Black **99552**

Mini-illuminator | Lamp | 7 W AC arrayLED



* the dimmable versions of the product (1-10V and DALI) supply a maximum of 6.2W when powered 100%.

Anod. Al.	80338	3000 K	665 lm	W	Spot	15
		4000 K	718 lm	N	M. Flood	30
					Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA

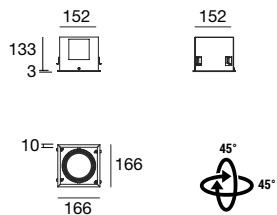


99114*
DALI
1-3 art.
630mA



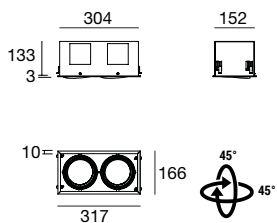
99355
EMERGENCY
1 art. ▶ 226

Illuminator | Adjustable outer-casing 1x



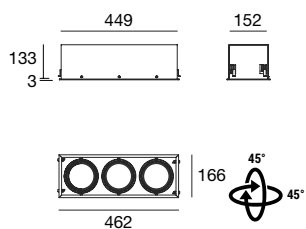
White	1 x lamp	99497
Black	1 x lamp	99500

Illuminator | Adjustable outer-casing 2x



White	2 x lamp	99498
Black	2 x lamp	99501

Illuminator | Adjustable outer-casing 3x



White	3 x lamp	99499
Black	3 x lamp	99502

Illuminator | Accessories



Honeycomb

Black 99551



Anti-glare pipe

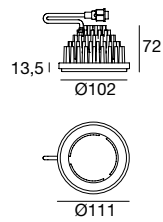
Black 99555



Elliptical filter

Black 99553

Illuminator_1 | Lamp | 15 W 400 mA arrayLED



Balance - CRI 92

White	80389	3000 K	1677 lm	W	M. Flood	30
Black	80390	4000 K	1804 lm	N	Flood	60

OPTICS

**99561**

Medium Flood

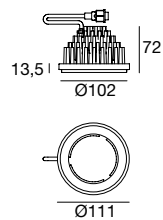
**99562**

Flood

ELECTRONICS

**99113**ON/OFF
1 art.**99116**1-10V
1 art.**99131**DALI
1 art.**99355**EMERGENCY
1 art. ▶ 226

Illuminator_1 | Lamp | 25 W 720 mA arrayLED



Balance - CRI 92

White	80387	3000 K	2794 lm	W	M. Flood	30
Black	80388	4000 K	2990 lm	N	Flood	60

OPTICS

**99561**

Medium Flood

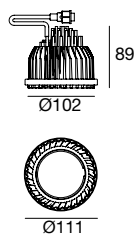
**99562**

Flood

ELECTRONICS

**99112**ON/OFF
1 art.**99188**1-10V
1 art.**99330**DALI
1 art.**99355**EMERGENCY
1 art. ▶ 226

Illuminator_3 | Lamp | 30 W 840 mA arrayLED



Balance - CRI 92

White	91229	3000 K	3554 lm	W	Spot	15
Black	91230	4000 K	3806 lm	N	M. Flood	30
					Flood	60

OPTICS

**98507**

Spot

**98508**

Medium Flood

**98509**

Flood

ELECTRONICS

**99093**ON/OFF
1 art.**99187**1-10V
1 art.**99330**DALI
1 art.**99355**EMERGENCY
1 art. ▶ 226





downlights blob40



Specially designed for retro-fitting, Blob40 is a **high-performance downlight for general lighting**.

Available in two sizes, Blob40 can be combined with Efficiency and Balance LEDs. The sandblasted polycarbonate diffuser ensures a high **visual comfort**.

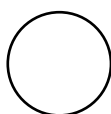
Materials

Die-cast aluminium



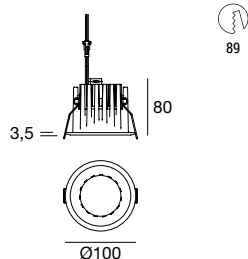


Ø 100 mm
18 W 500 mA



Ø 140 mm
26 W 720 mA

Blob40_1 | Downlight | 18 W 500 mA arrayLED



Balance - CRI 92

White	80105	2700 K	1885 lm	M	General	00
Black	80106	3000 K	2016 lm	W		
		4000 K	2170 lm	N		

Efficiency

White	80107	2700 K	2323 lm	M	General	00
Black	80108	3000 K	2323 lm	W		
		4000 K	2498 lm	N		

ELECTRONICS



99106
ON/OFF
1 art.



99115
1-10V
1 art.

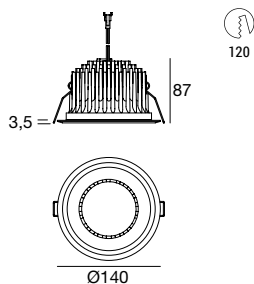


99114
DALI
1 art.



99355
EMERGENCY
1 art.
▶ 226

Blob40_2 | Downlight | 26 W 720 mA arrayLED



Balance - CRI 92

White	80015	2700 K	2598 lm	M	General	00
Black	80016	3000 K	2794 lm	W		
		4000 K	2990 lm	N		

Efficiency

White	80013	2700 K	3210 lm	M	General	00
Black	80014	3000 K	3431 lm	W		
		4000 K	3431 lm	N		

ELECTRONICS



99147
ON/OFF
1 art.



99268
1-10V
1 art.



99345
DALI
1 art.



99355
EMERGENCY
1 art.
▶ 226



downlights cob40



SCALE 1:1

Cob40 is a **small-sized, highly efficient** recessed luminaire.

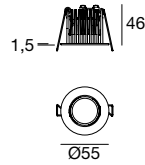
Cob40 is available in the fixed or tilting version, with Spot (15°), Medium Flood (30°) and Flood (60°) optics and LED Efficiency optics.

Materials

Die-cast aluminum
Polycarbonate (optic)



Cob40_R | Downlight | 7 W 700 mA arrayLED



Efficiency

White	80244	2700 K	770 lm	M	Spot	15
Black	80245	3000 K	770 lm	W	M. Flood	30
		4000 K	831 lm	N	Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA

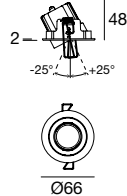


99114*
DALI
1-3 art.
630mA



99355
EMERGENCY
1 art.
226

Cob40_RJ | Downlight | 7 W 700 mA arrayLED



Efficiency

White	80109	2700 K	770 lm	M	Spot	15
Black	80110	3000 K	770 lm	W	M. Flood	30
		4000 K	831 lm	N	Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA



99114*
DALI
1-3 art.
630mA



99355
EMERGENCY
1 art.
226

* the dimmable versions of the product (1-10V and DALI) supply a maximum of 6.2W when powered 100%.

downlights cob44



SCALE 1:1
H 100 mm

A complete line of recessed downlights featuring an **IP44 protection index**. Cob44 can come with round or square flange, fixed or tilting Optics unit and two power levels. Cob44 is available with Spot (15°), Medium Flood (30°) and Flood (60°) optics and LED Efficiency.

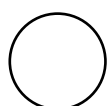
Materials

Polycarbonate
Die-cast aluminium

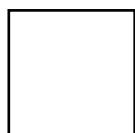




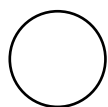
STANDARD OPTICS



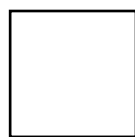
Ø 68 mm
7 W



74 mm
7 W

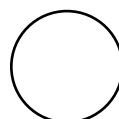
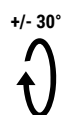


Ø 68 mm
11 W

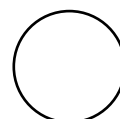
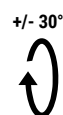


74 mm
11 W

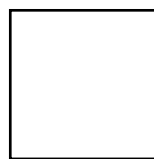
TILTING OPTICS



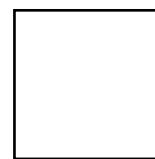
Ø 70 mm
7 W



Ø 70 mm
11 W



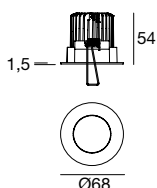
90 mm
7 W



90 mm
11 W



Cob44_R | Downlight | 7 W 700 mA arrayLED



Efficiency

White	96801	2700 K	770 lm	M	Spot	15
Black	96802	3000 K	770 lm	W	M. Flood	30
		4000 K	831 lm	N	Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA

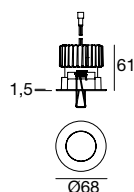
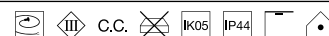


99114*
DALI
1-3 art.
630mA



99355
EMERGENCY
1 art.
226

Cob44_R | Downlight | 11 W 300 mA arrayLED



Efficiency

White	93832	2700 K	1399 lm	M	Spot	15
Black	93833	3000 K	1399 lm	W	M. Flood	30
		4000 K	1507 lm	N	Flood	60

ELECTRONICS



99370
ON/OFF
1 art.
300mA



99572
1-10V
1 art.
300mA

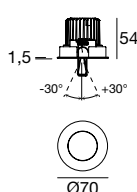
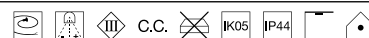


99573
DALI
1 art.
300mA



99355
EMERGENCY
1 art.
226

Cob44_RJ | Downlight | 7 W 700 mA arrayLED



Efficiency

White	96803	2700 K	770 lm	M	Spot	15
Black	96804	3000 K	770 lm	W	M. Flood	30
		4000 K	831 lm	N	Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA

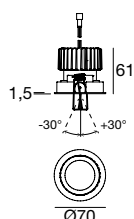
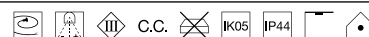


99114*
DALI
1-3 art.
630mA



99355
EMERGENCY
1 art.
226

Cob44_RJ | Downlight | 11 W 300 mA arrayLED



Efficiency

White	93834	2700 K	1399 lm	M	Spot	15
Black	93835	3000 K	1399 lm	W	M. Flood	30
		4000 K	1507 lm	N	Flood	60

ELECTRONICS



99370
ON/OFF
1 art.
300mA



99572
1-10V
1 art.
300mA



99573
DALI
1 art.
300mA



99355
EMERGENCY
1 art.
226

* the dimmable versions of the product (1-10V and DALI) supply a maximum of 6.2W when powered 100%.



RETAIL 2018

Fox Belysning AB

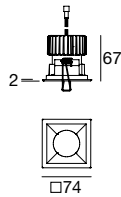
Tellusgängen 8

Telefonplan

126 26 Hägersten

08-440 85 40

Cob44_Q | Downlight | 7 W 700 mA arrayLED



7 W 700 mA - CRI 80

White	93354
Black	93355

CCT

2700 K	770 lm	M
3000 K	770 lm	W
4000 K	831 lm	N

optic

Spot	15
M. Flood	30
Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA

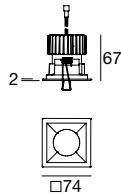


99114*
DALI
1-3 art.
630mA



99355
EMERGENCY
1 art.
226

Cob44_Q | Downlight | 11 W 300 mA arrayLED



Efficiency

White	93836
Black	93839

2700 K	1399 lm	M
3000 K	1399 lm	W
4000 K	1507 lm	N

Spot	15
M. Flood	30
Flood	60

ELECTRONICS



99370
ON/OFF
1 art.
300mA



99572
1-10V
1 art.
300mA

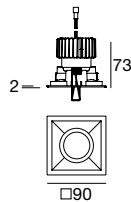


99573
DALI
1 art.
300mA



99355
EMERGENCY
1 art.
226

Cob44_QJ | Downlight | 7 W 700 mA arrayLED



Efficiency

White	93844
Black	93847

2700 K	770 lm	M
3000 K	770 lm	W
4000 K	831 lm	N

Spot	15
M. Flood	30
Flood	60

ELECTRONICS



99243
ON/OFF
1 art.
700mA



99262*
1-10V
1-3 art.
630mA

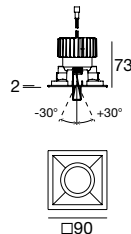


99114*
DALI
1-3 art.
630mA



99355
EMERGENCY
1 art.
226

Cob44_QJ | Downlight | 11 W 300 mA arrayLED



Efficiency

White	93840
Black	93843

2700 K	1399 lm	M
3000 K	1399 lm	W
4000 K	1507 lm	N

Spot	15
M. Flood	30
Flood	60

ELECTRONICS



99370
ON/OFF
1 art.
300mA



99572
1-10V
1 art.
300mA



99573
DALI
1 art.
300mA



99355
EMERGENCY
1 art.
226

* the dimmable versions of the product (1-10V and DALI) supply a maximum of 6.2W when powered 100%.





downlights cob20



Recessed Cob20 is the result of careful research aimed at obtaining **outstanding performance** combined with **maximum ease of installation**.

The structure contains a reflective aluminium Optics compartment for **high-efficiency** emission, guaranteed by the Efficiency source. Cob20 is particularly suitable for the general lighting of public spaces: the proposed models can be powered with potential lower than required to ensure greater versatility of application.

Materials

Aluminum: heat sink and optics

Steel: brackets

ABS: flanges

LONG LIFE DURATION

Luminaires equipped with a high efficiency passive dissipation system with 6060 alloy extruded aluminum profiles. A compact beam radius exploits the maximum surface to efficiently cool down the LED source. Its characteristics are the material, the surface and the connection to the LED source.

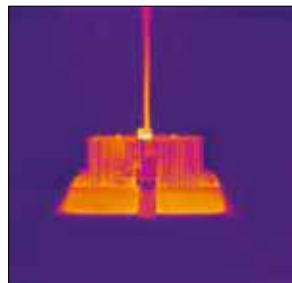
The heat sink is built with extruded aluminum profiles joined in a compact diameter and arranged in such a way to have a wide cooling surface. Between the LEDs and the heat sink there is a special heat conducting film which guarantees optimal dissipation and consequently guarantees the long life of the item. **(70000 hours - L80)**.

PASSIVE COOLING

50.3° C

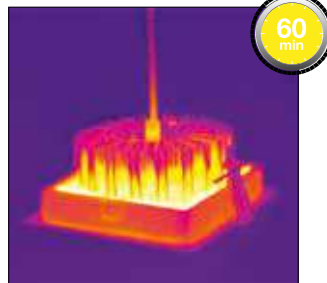


23.3° C



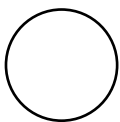
This frame taken by thermal detector, reports the temperature levels of the lamp after few minutes from ignition at room temperature of about 22° C.

MAX TEMP. DETECTED **42.1° C**
MIN TEMP. DETECTED **23.3° C**

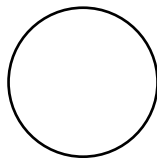


This frame was taken an hour after the lamp was turned on. Highly visible is how the generated heat by the LEDs is optimally dispersed by the heat sink placed in close contact with the part where the LED circuits are hosted.

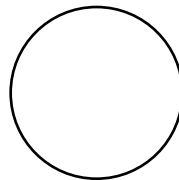
MAX TEMP. DETECTED **50.3° C**
MIN TEMP. DETECTED **26.3° C**



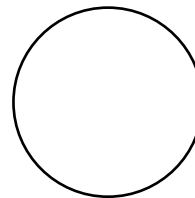
Ø 147 mm
15 W - 25 W



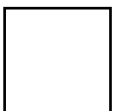
Ø 197 mm
15 W - 25 W - 30 W



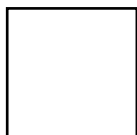
Ø 227 mm
15 W - 25 W - 30 W - 40 W



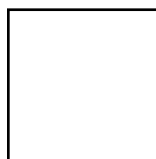
Ø 250 mm
15 W - 25 W - 30 W - 40 W



140 mm
15 W - 25 W

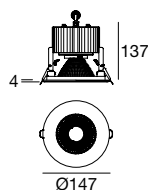


175 mm
15 W - 25 W - 30 W



205 mm
15 W - 25 W - 30 W - 40 W

COB20_R | Downlight | arrayLED | Ø 147 | 15 W - 25 W



Efficiency

White	96809	2700 K	M	Flood	40
		3000 K	W	W. Flood	90
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
15 W	400 mA	2700 K	1 953 lm	99113 1 art.	99116 1 art.	99131 1 art.
		3000 K	2088 lm			
		4000 K	2088 lm			
25 W	720 mA	2700 K	3210 lm	99112 1 art.	99188 1 art.	99330 1 art.
		3000 K	3431 lm			
		4000 K	3431 lm			

ELECTRONICS



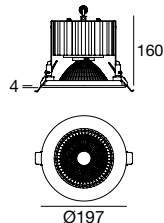
99355

EMERGENCY

1 art.

▢ 226

COB20_R | Downlight | arrayLED | Ø 197 | 15 W - 25 W - 30 W



Efficiency

White	96813	2700 K	M	Flood	40
		3000 K	W	W. Flood	90
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
15 W	400 mA	2700 K	2082 lm	99113 1 art.	99116 1 art.	99131 1 art.
		3000 K	2227 lm			
		4000 K	2393 lm			
25 W	720 mA	2700 K	3400 lm	99112 1 art.	99188 1 art.	99330 1 art.
		3000 K	3637 lm			
		4000 K	3909 lm			
30 W	840 mA	2700 K	3991 lm	99093 1 art.	99187 1 art.	99330 1 art.
		3000 K	4270 lm			
		4000 K	4588 lm			



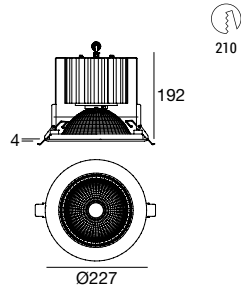
99355

EMERGENCY

1 art.

▢ 226

COB20_R | Downlight | arrayLED | Ø 227 | 15 W - 25 W - 30 W - 40 W



Efficiency

White	96819	2700 K	M	Flood	40
		3000 K	W	W. Flood	90
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
15 W	400 mA	2700 K	2082 lm	99113 1 art.	99116 1 art.	99131 1 art.
		3000 K	2227 lm			
		4000 K	2393 lm			
25 W	720 mA	2700 K	3400 lm	99112 1 art.	99188 1 art.	99330 1 art.
		3000 K	3637 lm			
		4000 K	3909 lm			
30 W	840 mA	2700 K	3991 lm	99093 1 art.	99187 1 art.	99330 1 art.
		3000 K	4270 lm			
		4000 K	4588 lm			
40 W	1100 mA	2700 K	4889 lm	99252 1 art.	99254 1 art.	99254 1 art.
		3000 K	5230 lm			
		4000 K	5620 lm			

ELECTRONICS

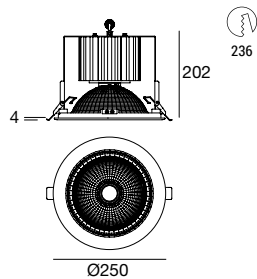
**99355**

EMERGENCY

1 art.

226

COB20_R | Downlight | arrayLED | Ø 250 | 15 W - 25 W - 30 W - 40 W



Efficiency

White	97130	2700 K	M	Flood	40
		3000 K	W	W. Flood	90
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
15 W	400 mA	2700 K	2082 lm	99113 1 art.	99116 1 art.	99131 1 art.
		3000 K	2227 lm			
		4000 K	2393 lm			
25 W	720 mA	2700 K	3400 lm	99112 1 art.	99188 1 art.	99330 1 art.
		3000 K	3637 lm			
		4000 K	3909 lm			
30 W	840 mA	2700 K	3991 lm	99093 1 art.	99187 1 art.	99330 1 art.
		3000 K	4270 lm			
		4000 K	4588 lm			
40 W	1100 mA	2700 K	4889 lm	99252 1 art.	99254 1 art.	99254 1 art.
		3000 K	5230 lm			
		4000 K	5620 lm			

ELECTRONICS

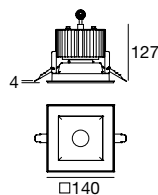
**99355**

EMERGENCY

1 art.

226

COB20_Q | Downlight | arrayLED | □140 | 15 W - 25 W



Efficiency

White	96827	2700 K	M	W. Flood	90
		3000 K	W		
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
15 W	400 mA	2700 K	1953 lm	99113 1 art.	99116 1 art.	99131 1 art.
		3000 K	2088 lm			
		4000 K	2088 lm			
25 W	720 mA	2700 K	3210 lm	99112 1 art.	99188 1 art.	99330 1 art.
		3000 K	3431 lm			
		4000 K	3431 lm			

ELECTRONICS

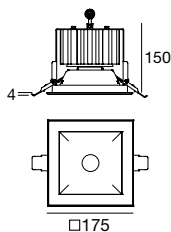


99355

EMERGENCY

1 art.
226

COB20_Q | Downlight | arrayLED | □175 | 15 W - 25 W - 30 W



Efficiency

White	96831	2700 K	M	W. Flood	90
		3000 K	W		
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
15 W	400 mA	2700 K	2082 lm	99113 1 art.	99116 1 art.	99131 1 art.
		3000 K	2227 lm			
		4000 K	2393 lm			
25 W	720 mA	2700 K	3400 lm	99112 1 art.	99188 1 art.	99330 1 art.
		3000 K	3637 lm			
		4000 K	3909 lm			
30 W	840 mA	2700 K	3991 lm	99093 1 art.	99187 1 art.	99330 1 art.
		3000 K	4270 lm			
		4000 K	4588 lm			

ELECTRONICS

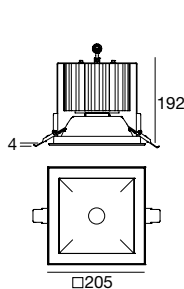


99355

EMERGENCY

1 art.
226

COB20_Q | Downlight | arrayLED | □205 | 15 W - 25 W - 30 W - 40 W



Efficiency

White	96837	2700 K	M	W. Flood	90
		3000 K	W		
		4000 K	N		

Power	Current	Nominal flux		ON/OFF	1-10V	DALI
		2700 K	2082 lm			
15 W	400 mA	3000 K	2227 lm	99113 1 art.	99116 1 art.	99131 1 art.
		4000 K	2393 lm			
		2700 K	3400 lm			
25 W	720 mA	3000 K	3637 lm	99112 1 art.	99188 1 art.	99330 1 art.
		4000 K	3909 lm			
		2700 K	3991 lm			
30 W	840 mA	3000 K	4270 lm	99093 1 art.	99187 1 art.	99330 1 art.
		4000 K	4588 lm			
		2700 K	4889 lm			
40 W	1100 mA	3000 K	5230 lm	99252 1 art.	99254 1 art.	99254 1 art.
		4000 K	5620 lm			

ELECTRONICS

**99355**

EMERGENCY

1 art.

□ 226



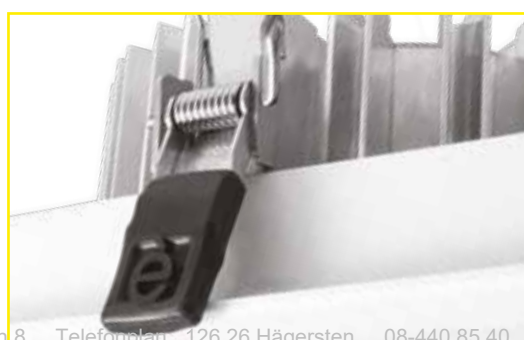
SAFE AND EASY MOUNTING

The i-LèD technical laboratories have developed the innovative springs with "smart spring" technology. These springs include both the traditional version and the version with torsion technology and shaped hook. They are the perfect solution for the new i-LèD downlights since they allow quick and simple installation, without damaging the plasterboard or the surface where the downlights are to be mounted. Moreover, they allow to be safely fixed preventing it from accidentally falling also in case of environments exposed to heavy mechanical stresses (e.g. underground stations). The downlights of the COB series, fitted with torsion spring with shaped hook, may be conveniently installed and switched on during the construction phase without the reflector, which will be installed perfectly clean, once the construction works are completed. The i-LèD downlights can be installed on false ceilings with reduced thickness, ranging from 1mm to a maximum of 30 mm.



Torsion spring with shaped hook

COB20_R
COB20_Q
COB65_R
COB65_Q



Traditional spring

LV line
HV line
COB44_R
COB44_RJ





downlights LV44_RD



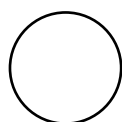
LV44_RD is a recessed line for **general lighting** completely dedicated to **Dynamic White Technology**.

The structure contains a reflective aluminium Optics compartment to increase emission efficiency.

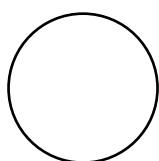
Materials

Steel (bracket)

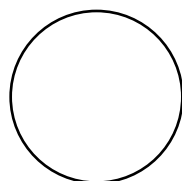
Aluminum (heat sink and optics)



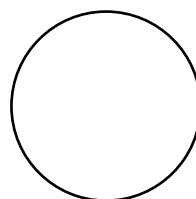
ø 147 mm
10 W



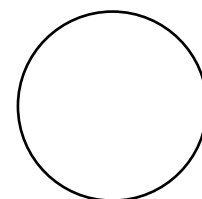
ø 197 mm
20 W



ø 227 mm
30 W



ø 252 mm
44 W



ø 252 mm
70 W

SMART LIGHTING

The Dynamic White modules, combined with the new specially developed management systems, **allow mixing of the whites from Warm White and Cold White**. It is possible to reproduce, with a single product, all the colour temperatures from 2700K to 6500K, **maintaining the same luminous flux**.

Recent studies on circadian cycles have shown how **variations in the temperature of natural light**, from dawn to dusk, **affect people's well-being**.



2700K

6500K



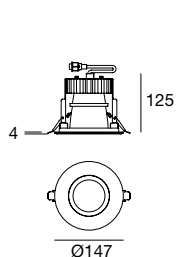
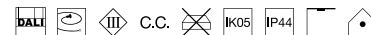
The LV44 items in the dynamic white version can be managed with a DALI driver with firmware 8.8. This driver allows you to use 8 on the same hardware addresses.

DYNAMIC WHITE TECHNOLOGY

SCIENTIFIC STUDIES HAVE PROVEN THAT REPRODUCING THE SAME FREQUENCIES IN THE INTERIORS OF PUBLIC SPACES CAN BRING BENEFITS TO THOSE LIVING AND WORKING IN THESE PLACES.



LV44_RD1 | Downlight | 10 W 350 mA topLED



129

Dynamic White

White	91769
Black	91776

2700 K - 6500 K Dynamic **D** General **00**

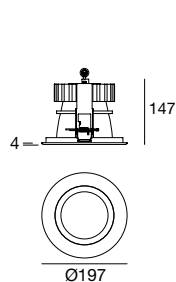
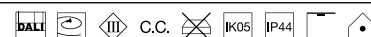
ELECTRONICS



99522

DALI
1 art.

LV44_RD2 | Downlight | 20 W 600 mA topLED



180

Dynamic White

White	91777
Black	91778

2700 K - 6500 K Dynamic **D** General **00**

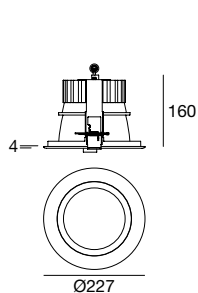
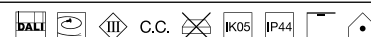
ELECTRONICS



99523

DALI
1 art.

LV44_RD3 | Downlight | 30 W 840 mA topLED



210

Dynamic White

White	91779
Black	91780

2700 K - 6500 K Dynamic **D** General **00**

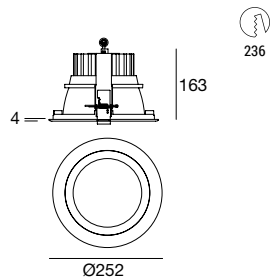
ELECTRONICS



99524

DALI
1 art.

LV44_RD4 | Downlight | 44 W 1250 mA topLED



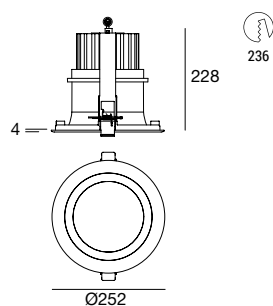
Dynamic White

White **91781**2700 K - 6500 K Dynamic **D** General **00**Black **91783**

ELECTRONICS

**99525**DALI
1 art.

LV44_RD5 | Downlight | 70 W 1800 mA topLED



Dynamic White

White **90746**2700 K - 6500 K Dynamic **D** General **00**Black **90747**

ELECTRONICS

**99155**2x DALI
1 art.

CONTROL DIAGRAM EXAMPLE - PAG. 224

99522 10W
99523 20W
99524 30W
99525 44W



CONTROL DIAGRAM EXAMPLE - PAG. 224

99155 70W



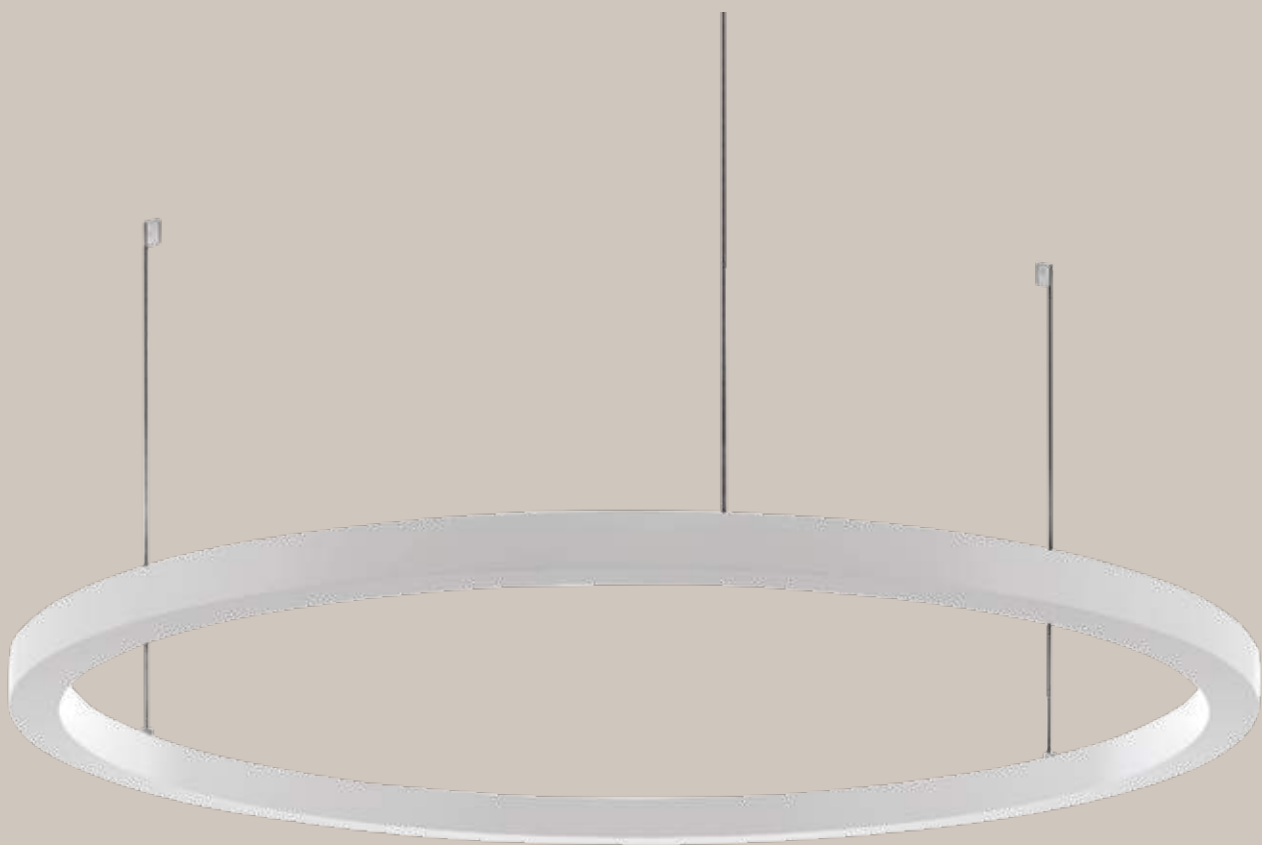


CEILING & SUSPENDED LINEAR ESSENCE





ceiling & suspended tour



Circular suspension with an essential and rigorous aesthetic. Three types of light: direct, indirect and internal. Available in two installation options, with parallel or stayed cables.

Materials

Calendered and painted aluminum.
Opal polycarbonate diffuser with patented fixing system.



SCALE 1:1
W 38 mm

FINISHING

White
RAL 9003

Black
RAL 9005

Nickel

Concrete

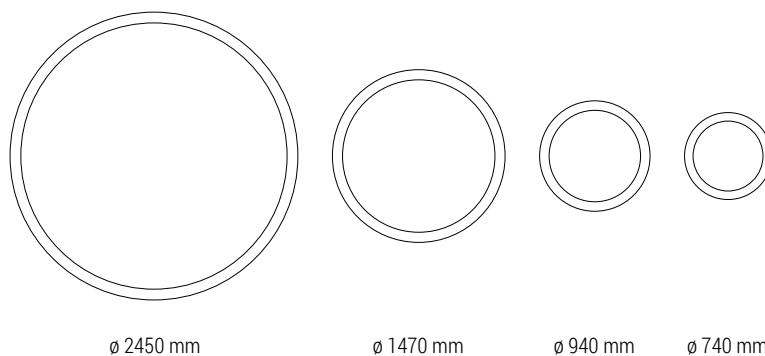
Bronze

Rose gold

The Tour frame is in calendered extruded and powder-coated aluminium.
No visible power cables; the topLEDs are powered through special super-thin cables. The opaline polycarbonate screen is snap-fitted in the profile thanks to a special patented system.

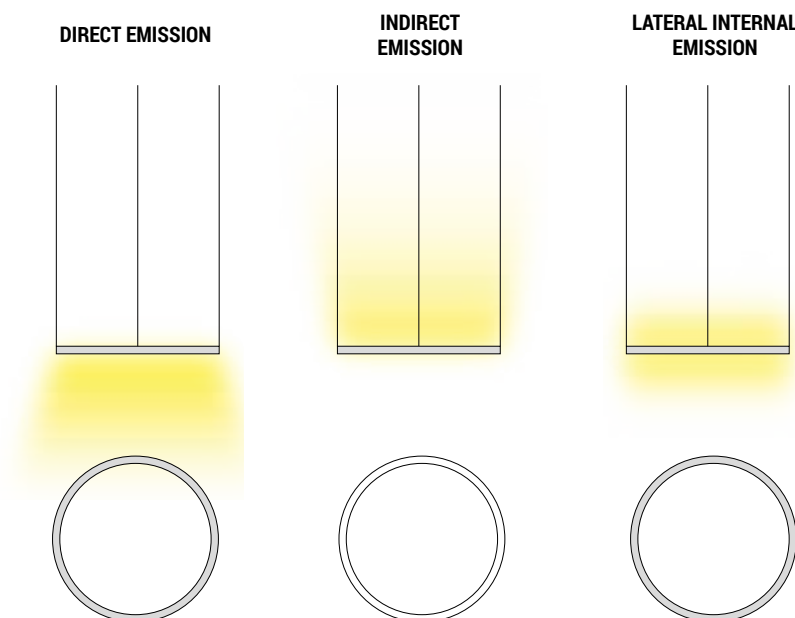
RANGE

Four different diameters characterized by an extra-slim section that makes this suspension the ideal solution for any environment where diffused, uniform light is required.



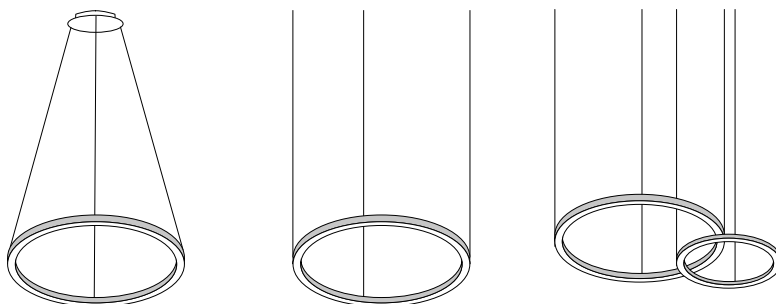
EMISSIONS

Tour offers three different emissions: direct, indirect and lateral internal. Three light effects that can be assembled in countless combinations to customize any room with minimalist and contemporary lighting.



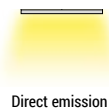
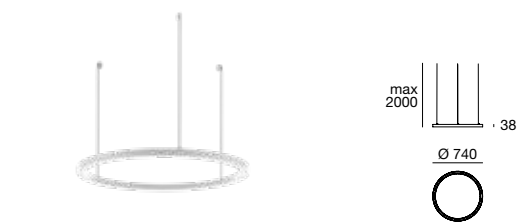
INSTALLATION

The installation system offers different solutions for different types of applications. Tour can be installed with converging cables in a single central rose, or with adjustable hangers to allow proper traction of the cables. An ideal solution also when multiple configurations are required.



Tour_PD1 | Suspended | 190-250 V | 36 W 24V topLED

III C.V. ~~IP40~~ ~~IP40~~ ~~IP40~~



White	64570
Black	65112
Nickel	65113
Concrete	65114
Bronze	65115
Rosegold	65128

3000 K	4678 lm	W
4000 K	5006 lm	N

General 00

ELECTRONICS



99374

ON/OFF



99074
DALI/1-10V
interface

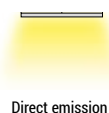
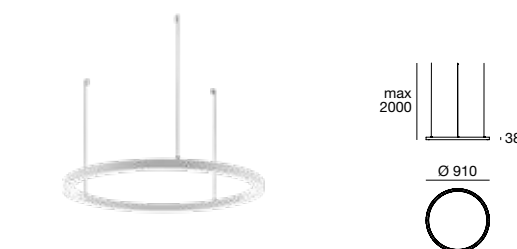


99077
PUSH
interface

Installation
accessories
▶ 189

Tour_PD2 | Suspended | 190-250 V | 45 W 24V topLED

III C.V. ~~IP40~~ ~~IP40~~ ~~IP40~~



White	64571
Black	65116
Nickel	65117
Concrete	65118
Bronze	65119
Rosegold	65129

3000 K	5847 lm	W
4000 K	6139 lm	N

General 00

ELECTRONICS



99374

ON/OFF



99074
DALI/1-10V
interface

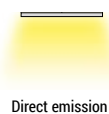
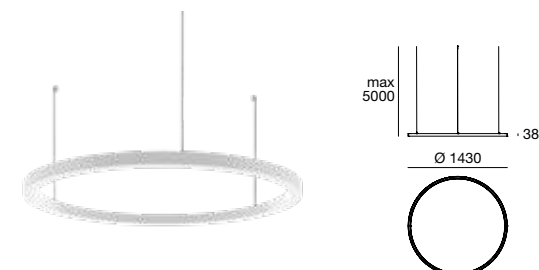


99077
PUSH
interface

Installation
accessories
▶ 189

Tour_PD3 | Suspended | 190-250 V | 70 W 24V topLED

III C.V. ~~IP40~~ ~~IP40~~ ~~IP40~~



White	64572
Black	65120
Nickel	65121
Concrete	65122
Bronze	65123
Rosegold	65130

3000 K	9355 lm	W
4000 K	9823 lm	N

General 00

ELECTRONICS



99374

ON/OFF



99074
DALI/1-10V
interface

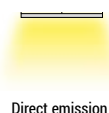
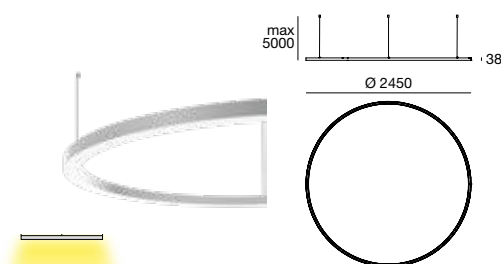


99077
PUSH
interface

Installation
accessories
▶ 189

Tour_PD4 | Suspended | 190-250 V | 114 W 24V topLED

III C.V. ~~IP40~~ ~~IP40~~ ~~IP40~~



White	64573
Black	65124
Nickel	65125
Concrete	65126
Bronze	65127
Rosegold	65131

3000 K	15588 lm	W
4000 K	16367 lm	N

General 00

ELECTRONICS



99331

ON/OFF



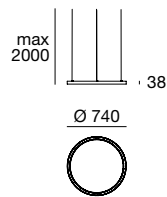
99332
DALI
interface



64576

1-10V
driver

Installation
accessories
▶ 189

Tour_PU1 | Suspended | 190-250 V | 36 W 24V topLED


Indirect emission

White	64583
Black	64682
Nickel	64683
Concrete	64684
Bronze	64685
Rosegold	65135

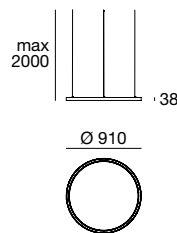
3000 K	4678 lm	W
4000 K	5006 lm	N

General **00**

ELECTRONICS

**99374**

ON/OFF

**99074**
DALI/1-10V
interface**99077**
PUSH
interfaceInstallation
accessories
▶ 189
Tour_PU2 | Suspended | 190-250 V | 45 W 24V topLED


Indirect emission

White	64584
Black	64686
Nickel	64687
Concrete	64688
Bronze	64689
Rosegold	65136

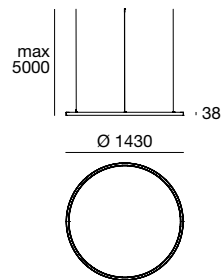
3000 K	5847 lm	W
4000 K	6139 lm	N

General **00**

ELECTRONICS

**99374**

ON/OFF

**99074**
DALI/1-10V
interface**99077**
PUSH
interfaceInstallation
accessories
▶ 189
Tour_PU3 | Suspended | 190-250 V | 70 W 24V topLED


Indirect emission

White	64585
Black	64690
Nickel	64691
Concrete	64692
Bronze	64693
Rosegold	65137

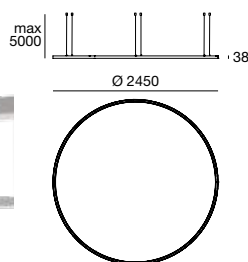
3000 K	9355 lm	W
4000 K	9823 lm	N

General **00**

ELECTRONICS

**99374**

ON/OFF

**99074**
DALI/1-10V
interface**99077**
PUSH
interfaceInstallation
accessories
▶ 189
Tour_PU4 | Suspended | 190-250 V | 114 W 24V topLED


Indirect emission

White	64587
Black	64694
Nickel	64695
Concrete	64696
Bronze	64697
Rosegold	65138

3000 K	15588 lm	W
4000 K	16367 lm	N

General **00**

ELECTRONICS

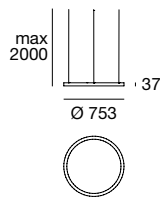
**99331**

ON/OFF

**99332**
DALI
interface**64576**1-10V
driverInstallation
accessories
▶ 189

Tour_PI1 | Suspended | 190-250 V | 29 W 24V stripLED

III C.V. ~~IP40~~



Internal side emission

White	64577
Black	65100
Nickel	65101
Concrete	65102
Bronze	65103
Rosegold	65132

3000 K	3128 lm	W
4000 K	3220 lm	N

General **00**

ELECTRONICS



99374
ON/OFF



99074
DALI/1-10V
interface

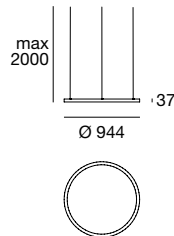


99077
PUSH
interface

Installation
accessories
▶ 189

Tour_PI2 | Suspended | 190-250 V | 36,5 W 24V stripLED

III C.V. ~~IP40~~



Internal side emission

White	64579
Black	65104
Nickel	65105
Concrete	65106
Bronze	65107
Rosegold	65133

3000 K	3944 lm	W
4000 K	4060 lm	N

General **00**

ELECTRONICS



99374
ON/OFF



99074
DALI/1-10V
interface

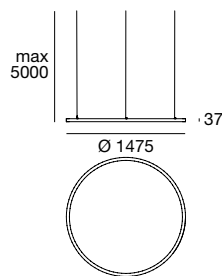
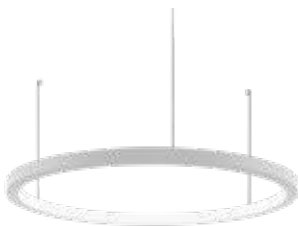


99077
PUSH
interface

Installation
accessories
▶ 189

Tour_PI3 | Suspended | 190-250 V | 57,5 W 24V stripLED

III C.V. ~~IP40~~



Internal side emission

White	64581
Black	65108
Nickel	65109
Concrete	65110
Bronze	65111
Rosegold	65134

3000 K	6256 lm	W
4000 K	6440 lm	N

General **00**

ELECTRONICS



99374
ON/OFF



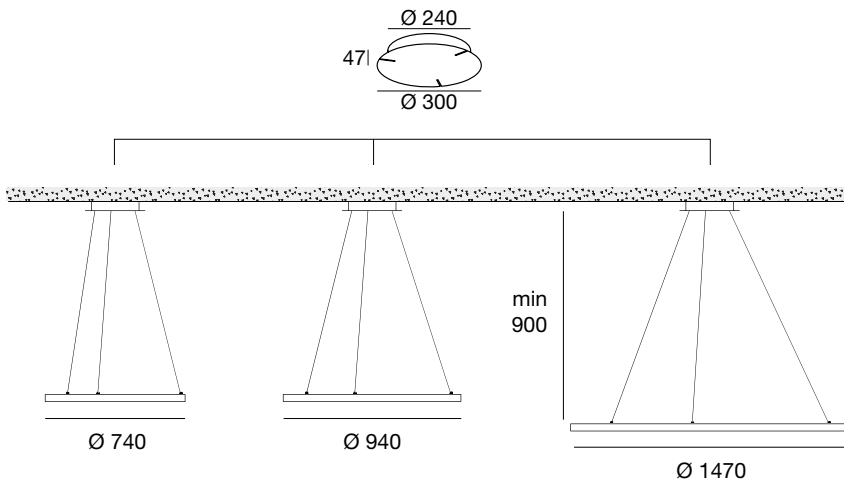
99074
DALI/1-10V
interface



99077
PUSH
interface

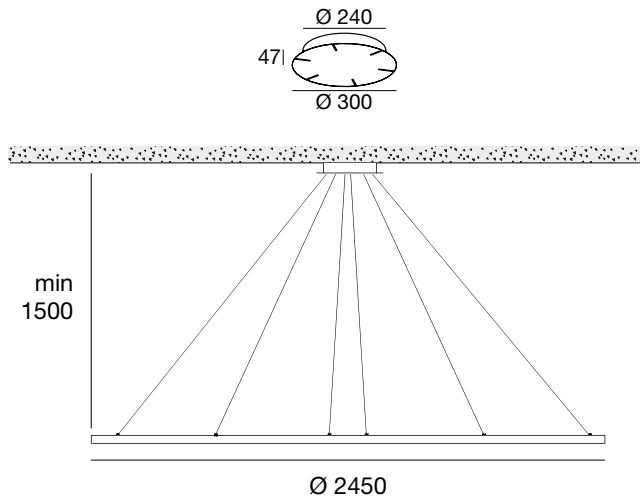
Installation
accessories
▶ 189

3-point suspension through canopy



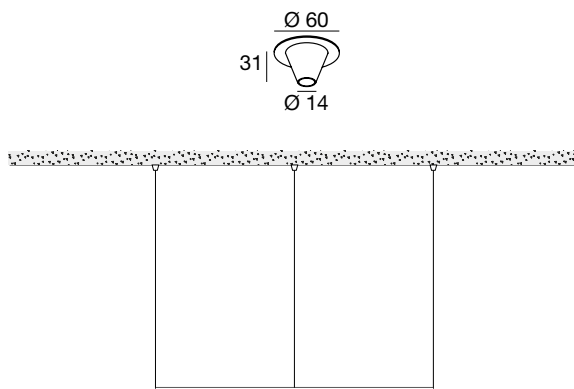
type	suitable for PD1 - PI1 - PU1 PD2 - PI2 - PU2 PD3 - PI3 - PU3	ON/OFF	DALI 1-10 V
White	64570 - 64577 - 64583 - 64571 - 64572 - 64579 - 64581 - 64584 - 64585	64578	64586
Black	65112 - 65100 - 64682 - 65116 - 65104 - 64686 - 65120 - 65108 - 64690	65142	65143
Nickel	65113 - 65101 - 64683 - 65117 - 65105 - 64687 - 65121 - 65109 - 64691	65144	65145
Concrete	65114 - 65102 - 64684 - 65118 - 65106 - 64688 - 65122 - 65110 - 64692	65146	65147
Bronze	65115 - 65103 - 64685 - 65119 - 65107 - 64689 - 65123 - 65111 - 64693	65148	65149
Rosegold	65128 - 65132 - 64135 - 65129 - 65133 - 65136 - 65130 - 65134 - 65137	65150	65151

6-point suspension through canopy



type	suitable for PD4 - PI4 - PU4	ON/OFF	DALI
White	64573 - 64587	64580	64588
Black	65124 - 64694	65152	65153
Nickel	65125 - 64695	65154	65155
Concrete	65126 - 64696	65156	65157
Bronze	65127 - 64697	65158	65159
Rosegold	65131 - 65138	65160	65161

3 cones fixing kit



type	
White	64575
Black	64670
Nickel	64671
Concrete	64672
Bronze	64673
Rosegold	65141

For the ø 2450 version you need
2x fixing kit with 3 cones each.

ceiling & suspended baton



Cylindrical suspension in coated steel, available in various diameters, lengths and finishes.

Ideal as a single light point to create **refined and elegant atmospheres**, it can be installed in compositions of different sizes, finishes or heights.

Light control is facilitated by a special integrated lens, visual comfort is guaranteed by the backward position of the LED source.

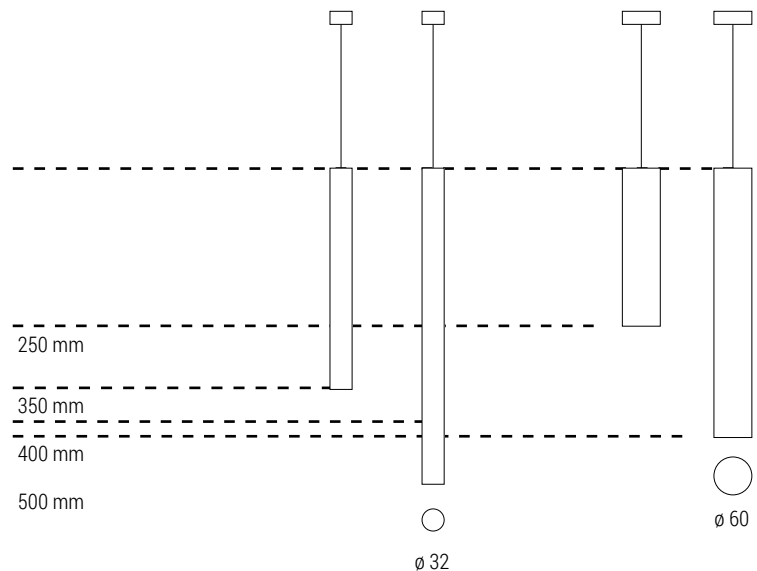
Materials

Coated steel



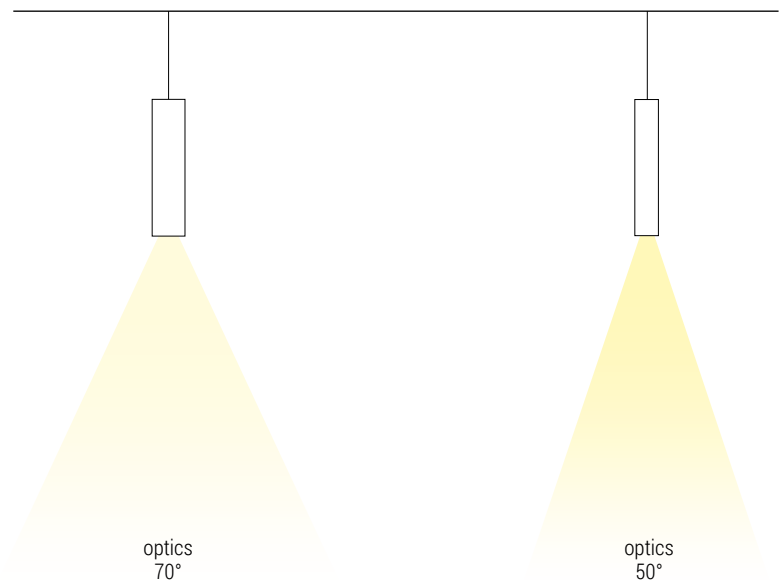
RANGE

Two sections in four different lengths characterize the versions available in the range. Extremely minimal when used individually, Baton is able to create impressive light scenarios if combined in more modules, playing with the various shapes available.



CONTROLLED EMISSION

Baton creates high-contrast lighting effects. Through the lens integrated inside the body, the light beam is characterized by sharp edges, effectively emphasizing the lit items. The backward position of the LED makes this suspension extremely comfortable to the eye, and ideal for tables and bar counters in particular.



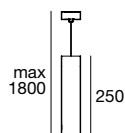
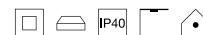
FINISHES

Powder-coated in a matt white or matt black finish, the aluminium bodies blend perfectly with the architectural space. The inner part of the Optics unit characterizes the product with a touch of colour, matt black and matt gold.

Exterior matt white/black
Interior Optics matt black/gold



Baton_P1 | Suspended | 190-250 V | 7 W arrayLED | 8 W AC device



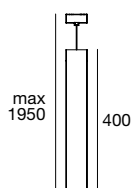
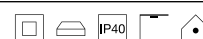
Ø 60 |

White	Bk	64742
White	Au	64741
Black	Au	64754

3000 K	988 lm	W
4000 K	1058 lm	N

W. Flood	70
----------	-----------

Baton_P2 | Suspended | 190-250 V | 7 W arrayLED | 8 W AC device



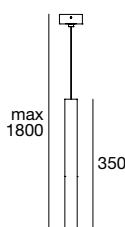
Ø 60 |

White	Bk	64744
White	Au	64743
Black	Au	64755

3000 K	988 lm	W
4000 K	1058 lm	N

W. Flood	70
----------	-----------

Baton_P3 | Suspended | 190-250 V | 2,5 W arrayLED | 3 W AC device



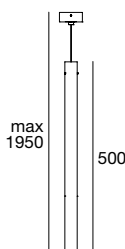
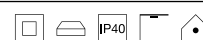
Ø 32 |

White	Bk	64785
White	Au	64786
Black	Au	64787

3000 K	325 lm	W
4000 K	351 lm	N

Flood	50
-------	-----------

Baton_P4 | Suspended | 190-250 V | 2,5 W arrayLED | 3 W AC device



Ø 32 |

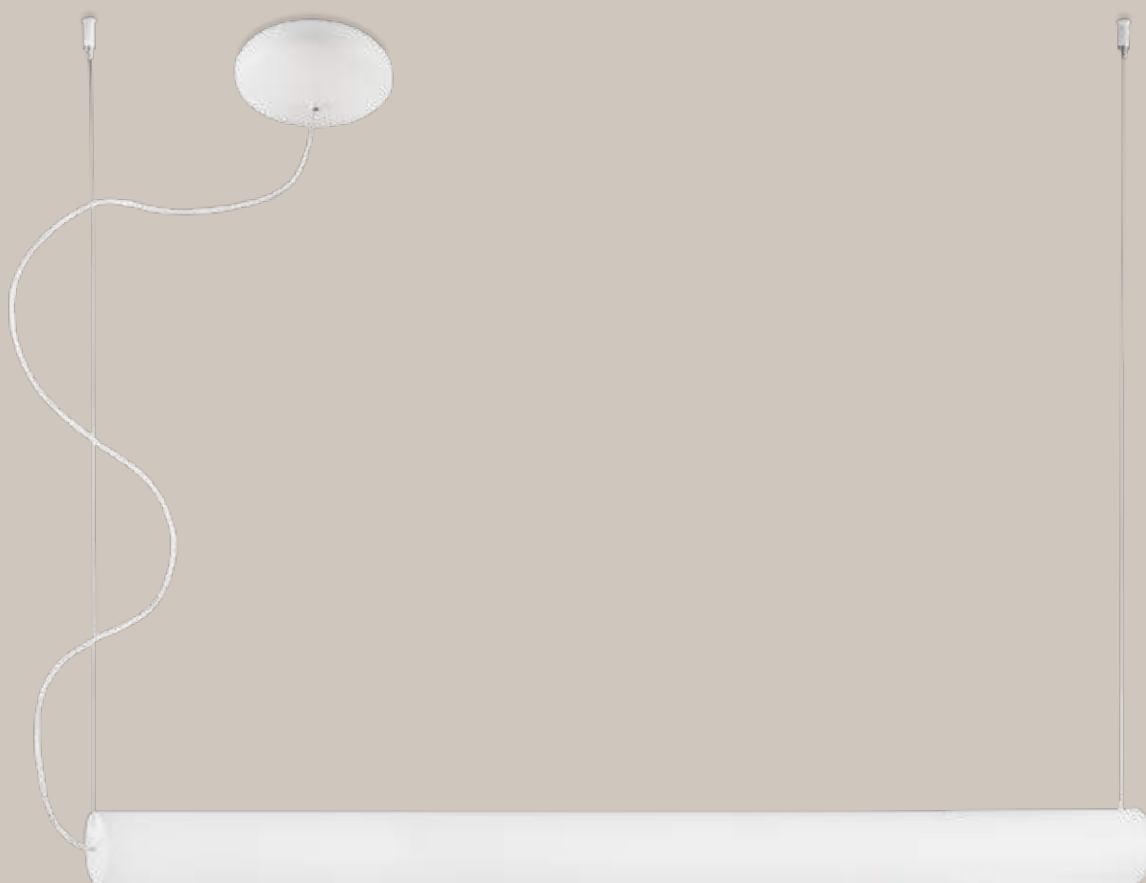
White	Bk	64782
White	Au	64783
Black	Au	64784

3000 K	325 lm	W
4000 K	351 lm	N

Flood	50
-------	-----------



ceiling & suspended TU-O / TU-V

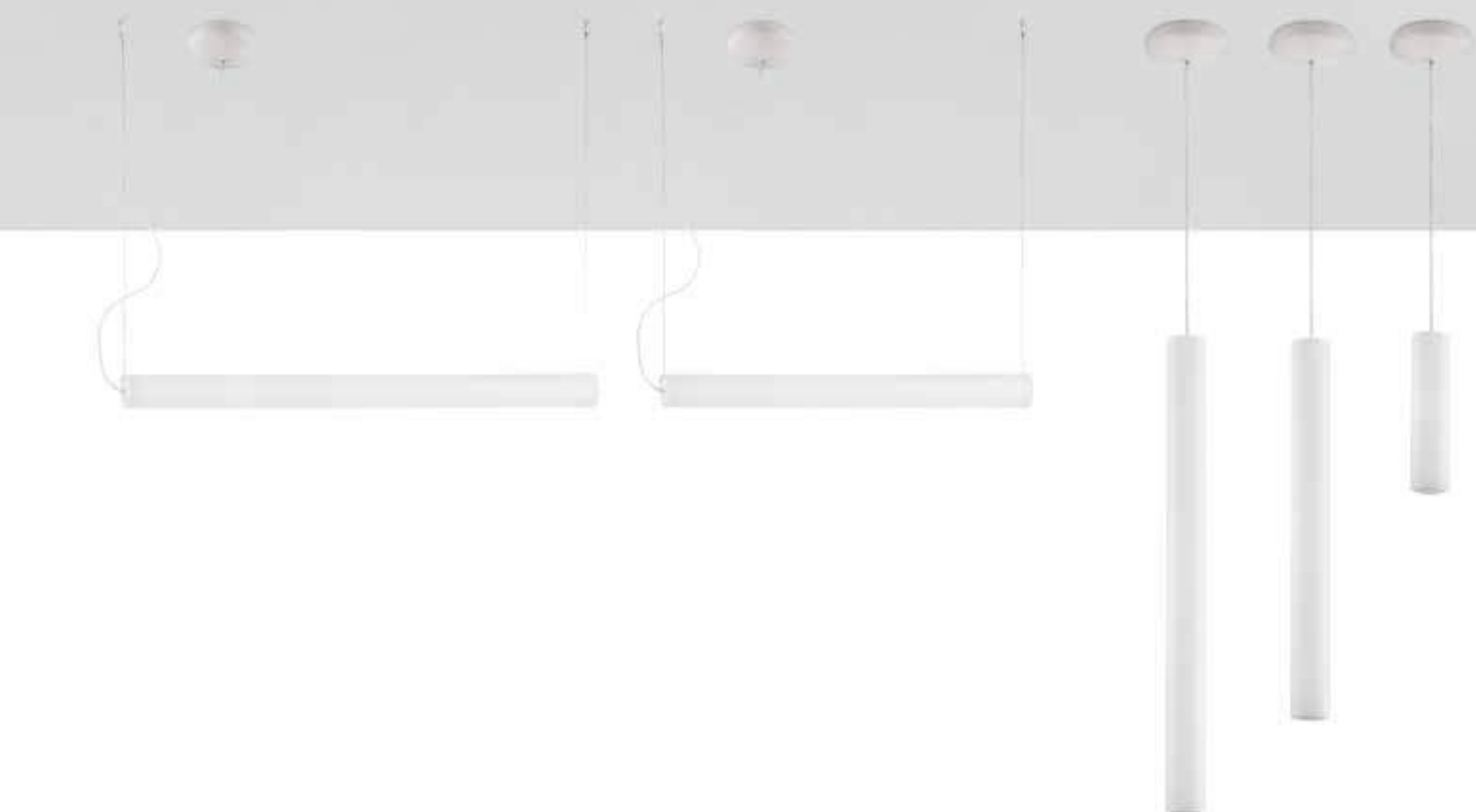


Vertical or horizontal tubular light in different lengths.

Modular in vertical waterfalls or intricate luminous forest-like ceiling compositions. Essential light sculpture.

Materials

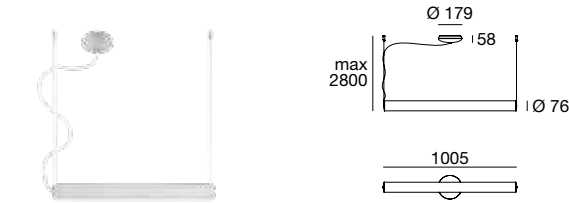
Diffuser in natural polyethylene, closing end caps in white wrinkle-effect coated aluminium.



Tu-O | Suspended | 220-240 V | 36 W 700 mA topLED



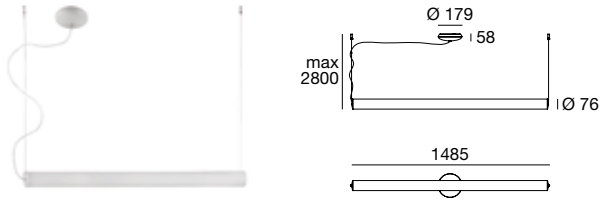
White 8198 3000 K 4662 lm General



Tu-O | Suspended | 220-240 V | 56 W 1050 mA topLED



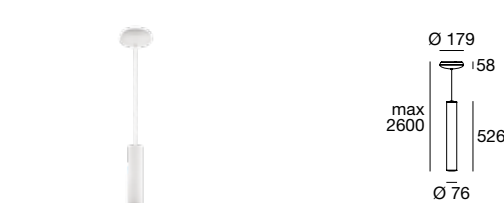
White 8199 3000 K 6993 lm General



Tu-V | Suspended | 220-240 V | 20 W 350 mA topLED



White 8195 3000 K 2331 lm General



Tu-V | Suspended | 220-240 V | 36 W 700 mA topLED



White 8196 3000 K 4662 lm General



Tu-V | Suspended | 220-240 V | 54 W 350 mA topLED

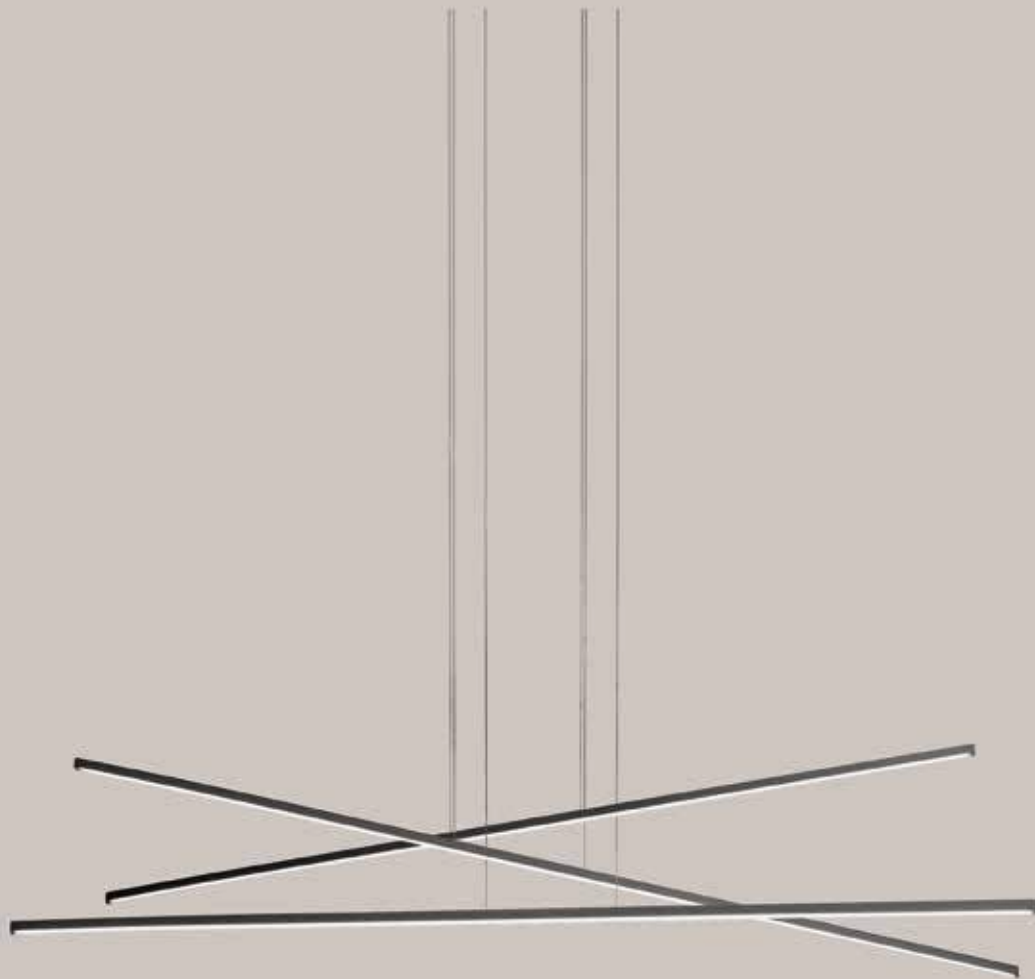


White 8197 3000 K 6993 lm General





ceiling & suspended straight _p

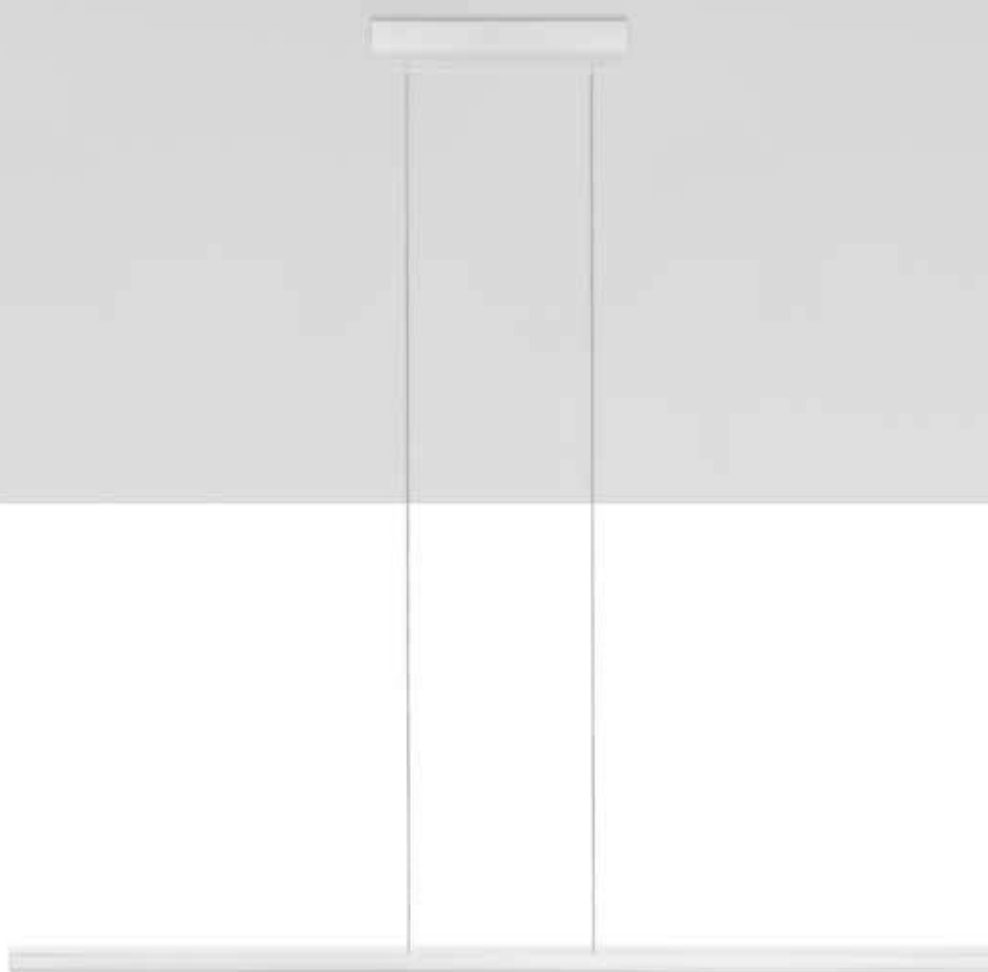


Linear essence. One or three ultra-thin suspension light lines that can be combined imaginatively. Everything is elegantly minimal in its simplicity.

Materials

Frame in white or black wrinkle-effect coated aluminium, polycarbonate diffuser





STRAIGHT_P
NARROW EMISSION



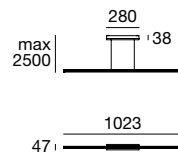
Diffuser inserted internally

STRAIGHT_P
DIFFUSED



Diffuser inserted externally

Straight_P1 | Suspended | 220-240 V | 11 W 350 mA topLED



White	8200
Black	8204

2700 K 1519 lm **W** General **00**

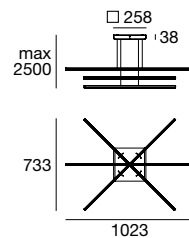
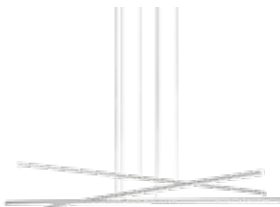
Straight_P1 | Suspended | 220-240 V | 18 W 350 mA topLED



White	8201
Black	8205

2700 K 2279 lm **W** General **00**

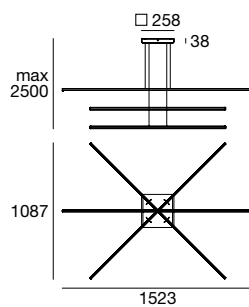
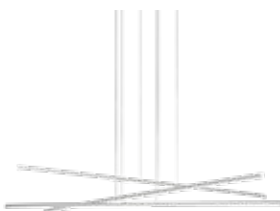
Straight_P3 | Suspended | 220-240 V | 34 W 1050 mA topLED



White	8202
Black	8206

2700 K 4557 lm **W** General **00**

Straight_P3 | Suspended | 220-240 V | 49 W 1050 mA topLED



White	8203
Black	8207

2700 K 6836 lm **W** General **00**





ceiling & suspended oh!

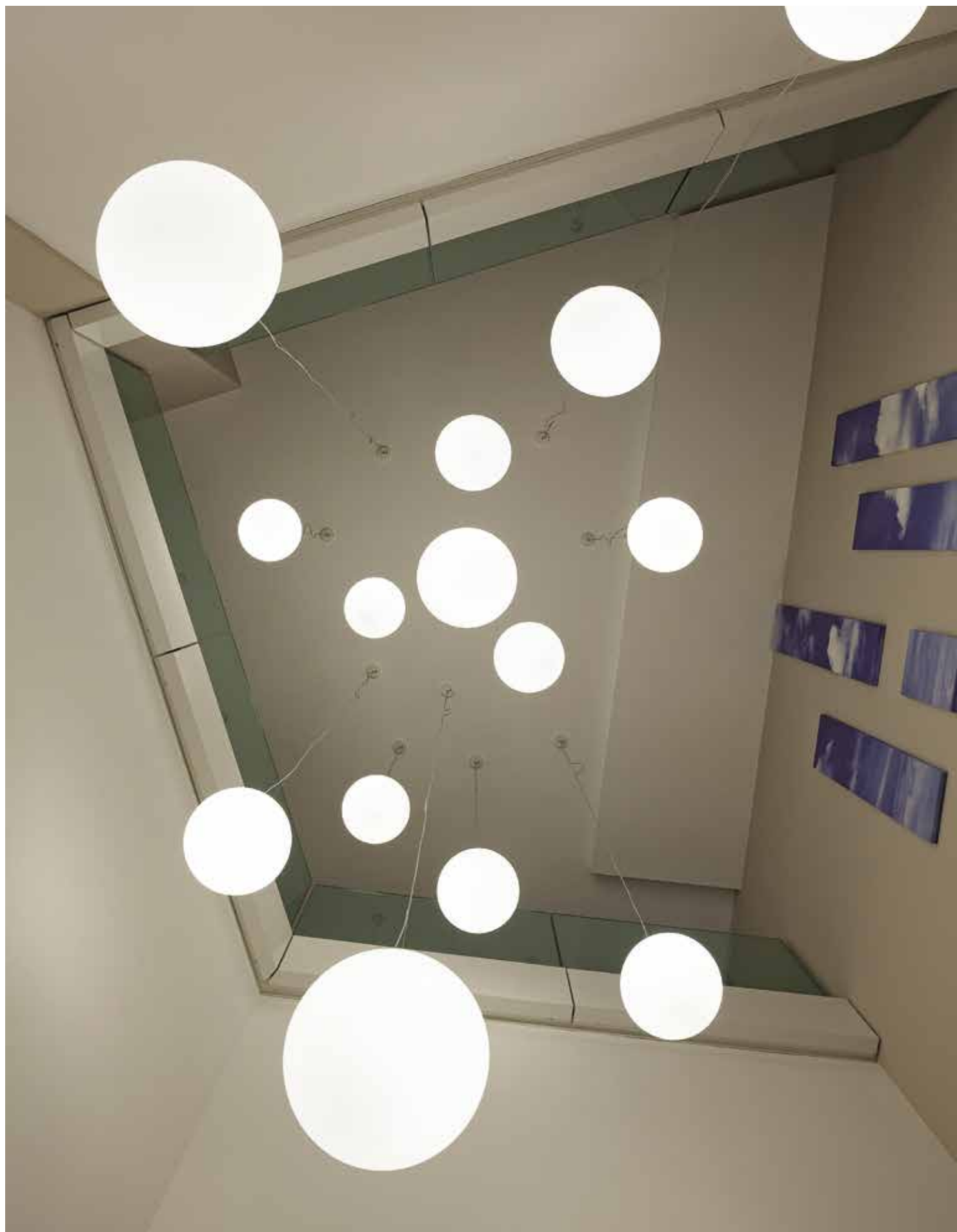


The perfection of the sphere, the naturalness of light, the pleasant presence in every space: alone or in combination, a suspension light that decorates and illuminates with simplicity and spontaneity.

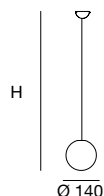
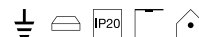
Materials

Casing for diffused lighting in white linear polyethylene; base in white linear polyethylene.





Oh!_P | Suspended | 220-240 V | 8 W 350 mA topLED

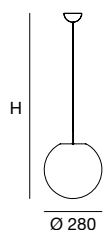
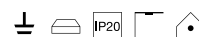


White	10114
White	10114.01
White	10114.02

3000 K 994 lm **CRI 90**

Diffused	3 m
	5 m
	10 m

Oh!_P | Suspended | 220-240 V | 8 W 350 mA topLED

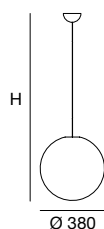
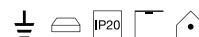


White	10135
White	10135.01
White	10135.02

3000 K 1002 lm **CRI 90**

Diffused	2.2 m
	5 m
	10 m

Oh!_P | Suspended | 220-240 V | 15 W 350 mA topLED

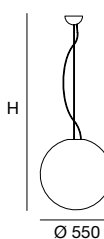
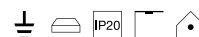


White	10136
White	10136.01
White	10136.02

3000 K 1893 lm **CRI 90**

Diffused	2.3 m
	5 m
	10 m

Oh!_P | Suspended | 220-240 V | 20 W 500 mA topLED

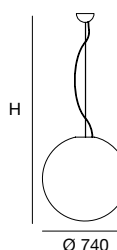


White	10137
White	10137.01
White	10137.02

3000 K 2652 lm **CRI 90**

Diffused	2.5 m
	5 m
	10 m

Oh!_P | Suspended | 220-240 V | 29 W 700 mA topLED



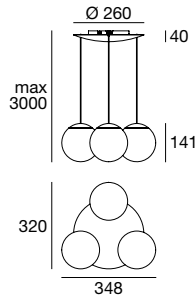
White	10138
White	10138.01
White	10138.02

3000 K 3674 lm **CRI 90**

Diffused	2.7 m
	5 m
	10 m



Oh!_PMX | Suspended | 220-240 V | 17 W 350 mA topLED



17 W 350 mA - CRI 90

CCT

optic

White

10117

3000 K

2181 lm

General

Oh!_S | Ceiling | 220-240 V | 6 W 350 mA topLED



White

10131

3000 K

1002 lm

General

Oh!_S | Ceiling | 220-240 V | 15 W 350 mA topLED



White

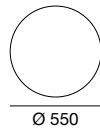
10132

3000 K

1893 lm

General

Oh!_S | Ceiling | 220-240 V | 20 W 350 mA topLED



White

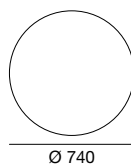
10133

3000 K

2652 lm

General

Oh!_S | Ceiling | 29 W 350 mA topLED



White

10134

3000 K

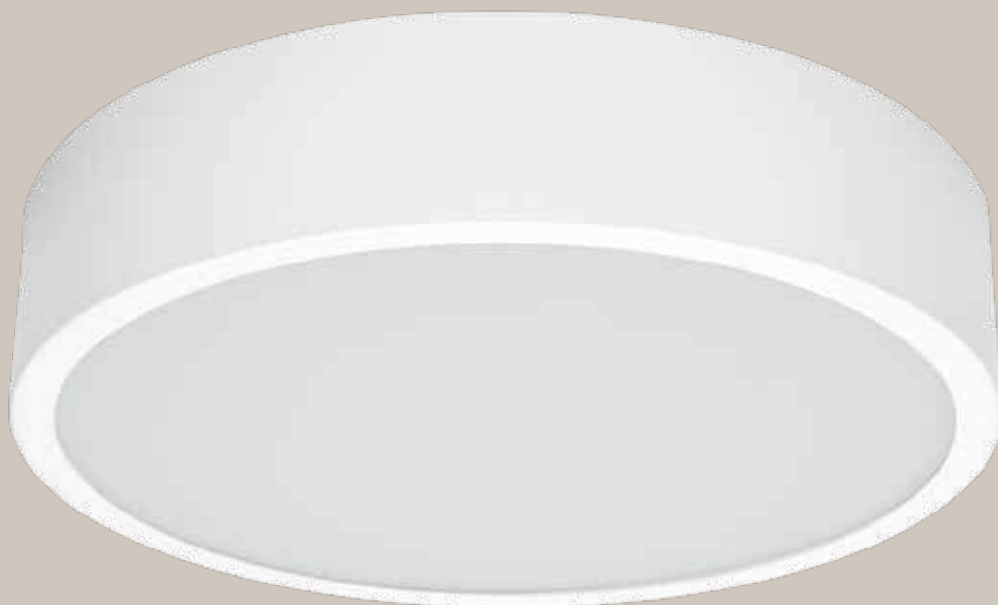
3674 lm

General





ceiling & suspended box



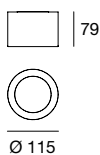
Ceiling and wall lights defined by **minimal** and **versatile shapes** give way to light, a true protagonist with a discreet presence.

Materials

White wrinkle-effect coated metal frame, available also with gray, chrome, nickel or dark cement finishes;
Satin-finished polymethylmethacrylate diffuser.



Box_SR | Ceiling Lights | 220-240 V | 7 W 500 mA topLED



White	8236
Black	8237

3000 K 752 lm General

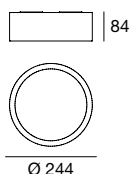
White	8236N
Black	8237N

4000 K 811 lm General



KIT0026

Box_SR | Ceiling Lights | 220-240 V | 17 W 500 mA topLED



White	8238
Black	8239

3000 K 1880 lm General

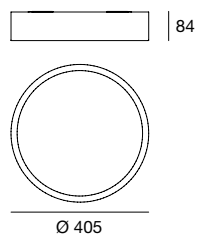
White	8238N
Black	8239N

4000 K 2027 lm General



KIT0026

Box_SR | Ceiling Lights | 220-240 V | 25 W 700 mA topLED



White	8240
Black	8241

3000 K 2878 lm General

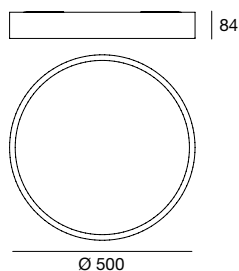
White	8240N
Black	8241N

4000 K 3108 lm General



KIT0026

Box_SR | Ceiling Lights | 220-240 V | 48 W 1000 mA topLED



White	8242
Black	8243

3000 K 5232 lm General

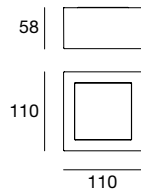
White	8242N
Black	8243N

4000 K 5650 lm General



KIT0026

Box_SQ | Ceiling Lights | 220-240 V | topLED 7 W 500 mA

White **8227**

3000 K

752 lm

Diffused

Black **8228**White **8227N**

4000 K

811 lm

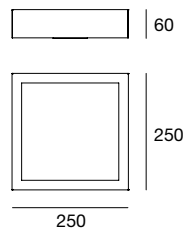
Diffused

Black **8228N**

on request

**KIT0026**

Box_SQ | Ceiling Lights | 220-240 V | topLED 17 W 700 mA

White **8229**

3000 K

1880 lm

Diffused

Black **8230**White **8229N**

4000 K

2027 lm

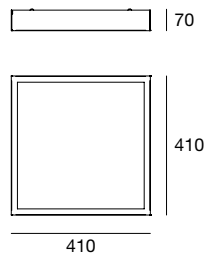
Diffused

Black **8230N**

on request

**KIT0026**

Box_SQ | Ceiling Lights | 220-240 V | topLED 25 W 700 mA

White **8231**

3000 K

3060 lm

Diffused

Black **8232**White **8231N**

4000 K

3283 lm

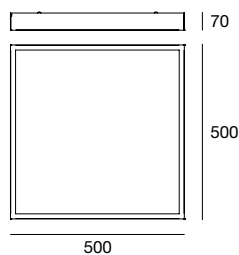
Diffused

Black **8232N**

on request

**KIT0026**

Box_SQ | Ceiling Lights | 220-240 V | topLED 43 W 500 mA

White **8233**

3000 K

4888 lm

Diffused

Black **8234**White **8233N**

4000 K

5270 lm

Diffused

Black **8234N**

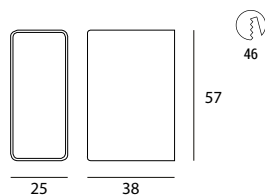
on request

**KIT0026**



ELECTRONICS CREATING CONNECTIONS

Defender | Over voltage protection

T3   IP65

UN	IN	IMAX	ITOT	UOC	UP
230V AC	5kA	10kA	20kA	10kV	≤ 1.5kV
99341					
U_n	Nominal operating Voltage				
I_n	Nominal impulse discharge current				
I_{max}	Total impulse current (L+N+PE)				
I_{tot}	Max. total impulse current (L+N+PE)				
U_{oc}	Surge protection level [L-N] [L+N-PE]				
U_p	Voltage protection level [L-N] [L/N-PE]				

Surge arrester for T3 type indirect discharges (CEI EN 61643-11 / A11) with test classification III (CEI EN 61643-11 Ed.1).

Multi-pole overvoltage arrester with spark gap and varistors connected in series to the active phases.

Combined voltage limiting and switching SPD

No leakage current.

No secondary mains current due to the combined varistor/spark gap series.

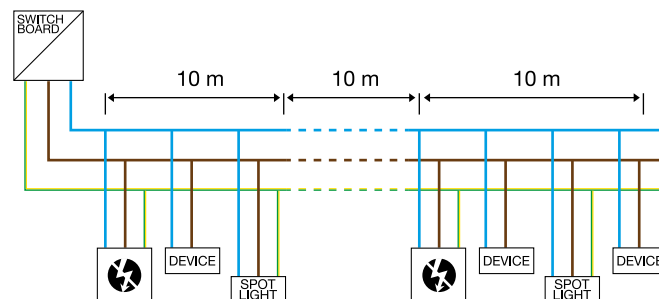
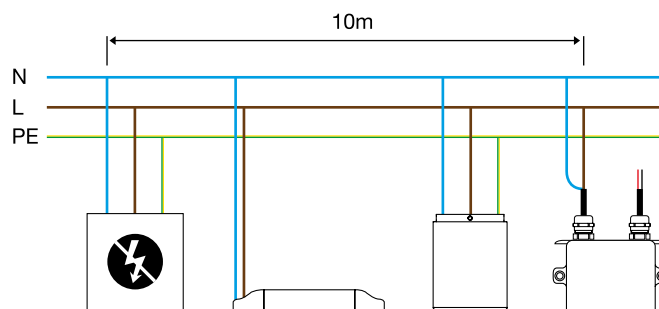
INSTALLATION RULES

The installation of a single arrester upstream on each line may not be sufficient to guarantee effective protection for the entire system.

All luminaires installed at a distance of 10 m downstream of the arrester are considered to be 100% protected.

If the length of the cable between the arrester and the luminaires exceeds 10 m, it is recommended to renew the protection by placing another arrester near the devices to be protected (within 10 m).

In order to guarantee the maximum level of protection, install the arresters in the manner described above for each line of the appliance.



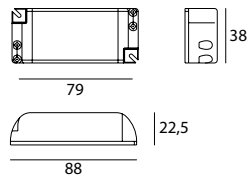


Bit | On/Off Driver 100~240V AC / 180~275V DC





C.C.

44

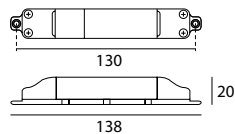
range	output	input	eff.	PF	surge	
7 W arrayLED	700mA 10V	100~240V AC	80%	0.6 C	0.5 kV	99243
10 W arrayLED	300mA 36V	100~240V AC	80%	0.6 C	0.5 kV	99370

Self-resetting protection against overheating, overload, open circuit and short-circuit on the output line.

Slim | On/Off Driver 190~250V AC / 180~275V DC




C.C.

29

range	output	input	eff.	PF	surge	
1-2 W powerLEDs	350mA 6.6V	190~250V AC	80%	0.6 C	4 kV	89144
2-4 W powerLEDs	630mA 6.6V	190~250V AC	80%	0.6 C	4 kV	89147

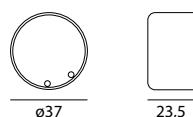
Instantaneous output current limitation for LED protection at power up. A switch may be integrated on the output line. Self-resetting protection against output overheating, overload, open circuit and short-circuit on the output line.

Mini_Penny | On/Off Driver 190~250V AC / 260~360V DC





C.C.

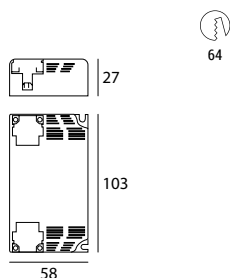
37

range	output	input	eff.	PF	surge	
1-2 W powerLEDs	350mA 6.6V	190~250V AC	80%	0.6 C	0.5 kV	89148
2-4 W powerLEDs	630mA 6.6V	190~250V AC	80%	0.6 C	0.5 kV	89151

Self-resetting protection against overheating, overload, open circuit and short-circuit on the output line.



Leon | On/Off Driver 180~300V AC

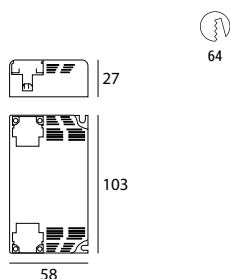
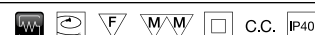


range	output	input	eff.	PF	surge	
18 W arrayLED	500mA 37V	180~300V AC	91%	0.95	4 kV	99106
25 W arrayLED	720mA 37V	180~300V AC	91%	0.95	4 kV	99147
33 W arrayLED	950mA 37V	180~300V AC	91%	0.95	4 kV	99239

Smartwave™: excellent efficiency, long operating life, surge protection, high PF.

Protection against overheating, overload, open circuit and short-circuit on the output line.

Leon_Easy-Plug | On/Off Driver 180~300V AC

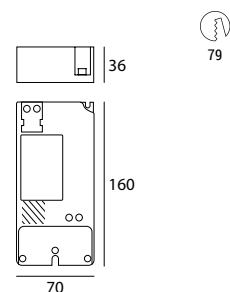


range	output	input	eff.	PF	surge	
15 W arrayLED	400mA 37V	180~300V AC	91%	0.95	4 kV	99113
25 W arrayLED	720mA 37V	180~300V AC	91%	0.95	4 kV	99112
30 W arrayLED	840mA 37V	180~300V AC	91%	0.95	4 kV	99093

Easy Plug connector included. Smartwave™: excellent efficiency, long operating life, surge protection, high PF.

Protection against overheating, overload, open circuit and short-circuit on the output line.

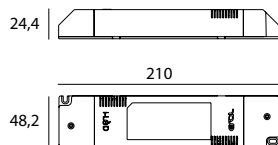
Clerk | On/Off Driver 180~300V AC



range	output	input	eff.	PF	surge	
40 W arrayLED	1.1A 37V	180~300V AC	92%	0.98	5 kV	99252

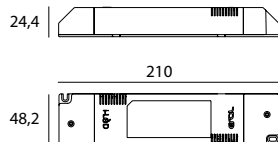
Easy Plug connector included. Smartwave™: excellent efficiency, long operating life, surge protection, high PF.

Protection against overheating, overload, open circuit and short-circuit on the output line.

Boson | N/O button 1-10V Multi Power 190~250V AC / 180~275V DC

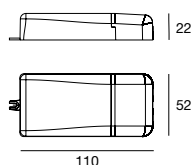
range	output	input	eff.	PF	surge	
1-15 W powerLEDs	350mA 45V	190~250V AC	87%	0.6 C	4 kV	99115
18 W arrayLED	500mA 37V	190~250V AC	87%	0.6 C	4 kV	

Selection of output current intensity via dedicated terminal.
Self-resetting protection against over-temperature, overload, open circuit and short-circuit on the output line.
Settings via 1-10V interface, potentiometer, or N/A button. Possibility of connecting up to 50 drivers (via the Sync bus).

Boson_Easy-Plug | N/O button 1-10V Multi Power 190~250V AC / 180~275V DC

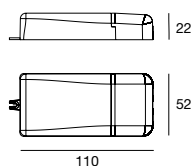
range	output	input	eff.	PF	surge	
15 W arrayLED	400mA 37V	190~250V AC	87%	0.6 C	4 kV	99116
23 W topLED	630mA 36V	190~250V AC	87%	0.6 C	4 kV	99262

Easy Plug connector included. Selection of output current intensity via dedicated terminal. Self-resetting protection against over-temperature, overload, open circuit and short-circuit on the output line. Settings via 1-10V interface, potentiometer, or N/A button. Possibility of connecting up to 50 drivers (via the bus Sync).

Mini Jolly | 1-10V Multi Power 110~240V AC / 176~280V DC

range	output	input	eff.	PF	surge	
11 W arrayLED	300mA 33V	220~240V AC	87%	0.95	0.5 kV	99572

Light regulation 0/0,5 - 100 %.
Interface (I=0,35 mA) or 100 Kohm potentiometer..
Multipower driver supplied with dip-switch for the selection of the output current. Protections against overheating and short circuits, against mains voltage spikes and against overloads.

Mini Jolly DALI | DALI Multi Power 110~240V AC / 176~280V DC

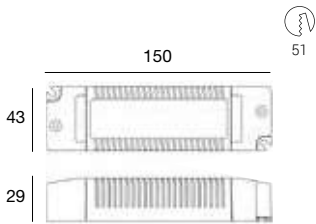
range	output	input	eff.	PF	surge	
11 W arrayLED	300mA 33V	220~240V AC	87%	0.95	0.5 kV	99573

Features DALI dimming (0/0,5 - 100 %), compatible with standard DALI interfaces. Multipower driver supplied with dip-switch for the selection of the output current. Protections against overheating and short circuits, against mains voltage spikes and against overloads.



Planck | DALI Multi Power 100~240V AC

F M/M C.C. DALI IP40

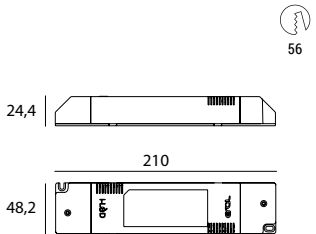


range	output	input	eff.	PF	surge	
1 - 12 W arrayLED	350mA 34V	100~240V AC	84%	0.9 C	4 kV	99373
1.5 - 12 W powerLED	500mA 24V					
1.5 - 12 W powerLED	600mA 20V					

DALI interface, suitable for 6W, 8W or 2 articles in series from 6W.
Electrical output intensity selected by dip-switch.

Photon | Push and Simply Dim DALI Multi Power 190~250V AC / 180~275V DC

F M/M C.C. Simply Dim DALI IP40

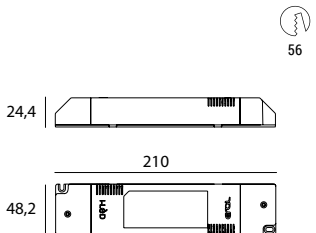


range	output	input	eff.	PF	surge	
1-15 W powerLEDs	350mA 45V	190~250V AC	87%	0.6 C	4 kV	99114
18 W arrayLED	500mA 37V	190~250V AC	87%	0.6 C	4 kV	
2-20 W powerLEDs	630mA 39V	190~250V AC	87%	0.6 C	4 kV	

Settings via DALI interface or Simply Dim.
Optimization of the DALI transmission signal (burst immunity up to 4 kV).
Selection of current intensity via dedicated terminal.
Self-resetting protection against over-temperature, overcharge, open circuit and short-circuit on the output line.

Photon_Easy-Plug | Push and Simply Dim DALI Multi Power 190~250V AC / 180~275V DC

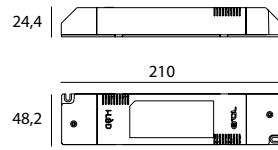
F M/M C.C. Simply Dim DALI IP40



range	output	input	eff.	PF	surge	
15 W arrayLED	400mA 37V	190~250V AC	87%	0.6 C	4 kV	99131

Settings via DALI interface or Simply Dim.
Optimization of the DALI transmission signal (burst immunity up to 4 kV).
Selection of current intensity via dedicated terminal.
Self-resetting protection against over-temperature, overcharge, open circuit and short-circuit on the output line.

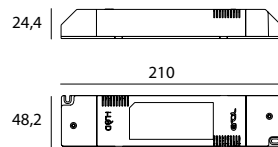
Argo | Push and Simply Dim DALI Multi Power 190~250V AC / 180~275V DC



range	output	input	eff.	PF	surge	
2-24 W powerLED	630mA 39V	190~250V AC	87%	0.95	4 kV	99344
25 W arrayLED	720mA 37V	190~250V AC	87%	0.95	4 kV	99345
35 W arrayLED	950mA 37V	190~250V AC	87%	0.95	4 kV	

Settings via DALI interface or Simply Dim.
Optimization of the DALI transmission signal (burst immunity up to 4 kV).
Selection of current intensity via dedicated terminal.
Self-resetting protection against over-temperature, overcharge, open circuit and short-circuit on the output line.

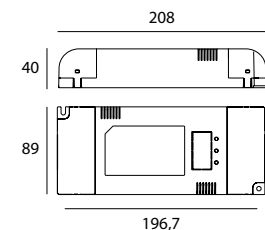
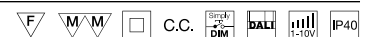
Argo_Easy-Plug | Push and Simply Dim DALI Multi Power 190~250V AC / 180~275V DC



range	output	input	eff.	PF	surge	
25 W arrayLED	720mA 37V	190~250V AC	87%	0.95	4 kV	99330
30 W arrayLED	840mA 37V	190~250V AC	87%	0.95	4 kV	

Settings via DALI interface or Simply Dim.
Optimization of the DALI transmission signal (burst immunity up to 4 kV).
Selection of current intensity via dedicated terminal.
Self-resetting protection against over-temperature, overcharge, open circuit and short-circuit on the output line.

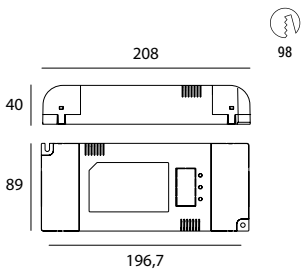
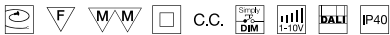
Serban | Push and Simply Dim 1-10V DALI Multi Power 190~250V AC / 180~275V DC



range	output	input	eff.	PF	surge	
25 W arrayLED	720mA 37V	190~250V AC	86%	0.95	4 kV	99268

Settings via DALI interface, 1-10V, Simply DIM.
Optimization of the DALI transmission signal (up to 4 kV burst immunity).
Possibility to choose between linear or logarithmic dimming, using a jumper.

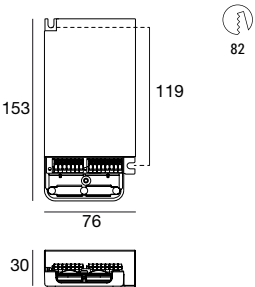
Serban_Easy-Plug | Push and Simply Dim DALI 1-10V Multi Power 190~250V AC / 180~275V DC



range	output	input	eff.	PF	surge	
25 W arrayLED	720mA 37V	190~250V AC	86%	0.95	4 kV	99188
30 W arrayLED	840mA 37V	190~250V AC	86%	0.95	4 kV	99187
35 W arrayLED	950mA 37V	190~250V AC	86%	0.95	4 kV	99241
40 W arrayLED	1.1A 37V	190~250V AC	86%	0.95	4 kV	99254

Settings via DALI interface, 1-10V, Simply DIM.
Optimization of the DALI transmission signal
(up to 4 kV burst immunity).
Possibility to choose between linear or logarithmic dimming,
using a jumper.

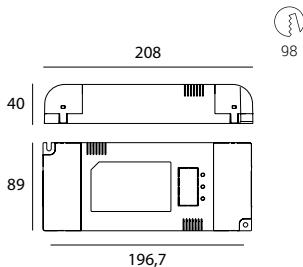
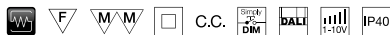
DUALdrive 560/A| DALI Multi Power 120~277V AC / 120~240V DC



range	output	input	eff.	PF	surge	
10 W topLED	350mA 39V	120~277V AC	89%	0.9 C	2 kV	99522
20 W topLED	600mA 39V	120~277V AC	89%	0.9 C	2 kV	99523
30 W topLED	840mA 39V	120~277V AC	89%	0.9 C	2 kV	99524
44 W topLED	1.25A 39V	120~277V AC	89%	0.9 C	2 kV	99525

Settings via DALI interface.

Theo | Push and Simply Dim 1-10V DALI Multi Power 180~300V AC



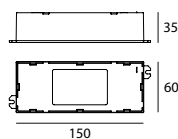
range	output	input	eff.	PF	surge	
66 W topLED	1.8A 37V	180~300V AC	90%	0.95	5 kV	99155

range	output	input	eff.	PF	dimmm
6 W arrayLED	500mA 12,5V	100~240V AC	84%	0.9 C	1:100%
12 W powerLED	500mA 24V	100~240V AC	84%	0.9 C	1:100%
8 W powerLED	600mA 12,5V	100~240V AC	84%	0.9 C	1:100%

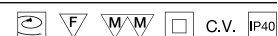
Smartwave ™: excellent efficiency, long operating life, surge
protection, high PF.
Settings via DALI interface, 1-10V, Simply DIM.

Reson_150 | On/Off Driver 190~250V AC / 180~275V DC 150 W

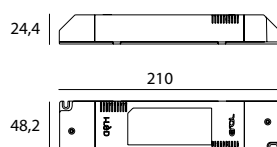
range	output	input	eff.	PF	surge	
1-150 W topLED	6.25A 24V	190~250V AC	95%	0.98	5 kV	99331



Suitable for powering LED strips at constant voltage.
Self-resetting protection against output open circuit and short-circuit on the output line.
High efficiency, long operating life and high PF.

Reson_75 | On/Off Driver 190~250V AC / 180~275V DC 75 W

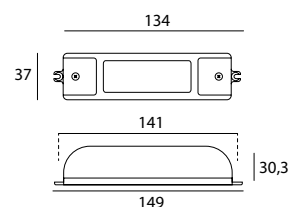
range	output	input	eff.	PF	surge	
1-75 W topLED	3.12A 24V	190~250V AC	91%	0.96	4 kV	99374



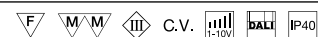
Suitable for powering LED strips at constant voltage.
Self-resetting protection against output open circuit and short-circuit on the output line.
High efficiency, long operating life and high PF.

Nyquist | N/O button Multi Channel 3ch. 24V DC 216 W

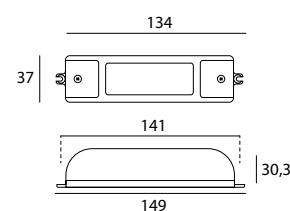
range	output	input	eff.	
3ch. x (1-72 W topLED/ch.)	3A 24V	24V DC	95%	99077



Suitable for powering LED strips, LEDs 5 mm and topLED at constant voltage.
Dimming from 0 to 100% using the N/A button.
Each Driver can perform as a master or as a slave.
Up to 20 drivers may be connected via the Sync bus.

Bode | DALI 1-10V Multi Channel 3ch. 24V DC 216 W

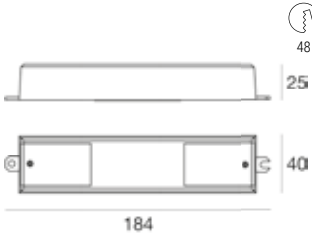
range	output	input	eff.	
3ch. x (1-72 W 5mmLED/ch.)	3A 24V	24V DC	95%	99074
3ch. x (1-72 W stripLED/ch.)	3A 24V	24V DC	95%	
3ch. x (1-72 W topLED/ch.)	3A 24V	24V DC	95%	



Suitable for powering LED strips, 5 mm LEDs and topLED at constant voltage. Adjustment via DALI interface, 1-10V or potentiometer.



Ervin | Converter 24 V 120 W



DALI

F

M

M

III

C.V.

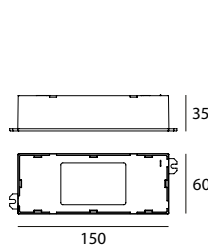
IP20

IP20

range	output	input	eff.	PF	surge
1-120 W topLEDs	5A 24 V	24 V DC	95%	0.9 C	4 kV

Suitable for powering StriplEDs and TopLEDs at constant voltage.
Adjustment via DALI interface.

Reson_150_1-10V | 1-10V Driver 190~250V AC / 180~275V DC 150 W



F

M

M

C.V.

1-10V

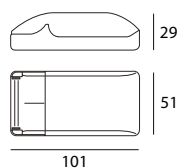
IP65

range	output	input	eff.	PF	surge
1-150 W topLED	6.25A 24V	190~250V AC	95%	0.98	5 kV

Suitable for powering LED strips at constant voltage.
Self-resetting protection against output open circuit and short-circuit on the output line.
Adjustment via DALI interface, 1-10V or potentiometer.

Dali_PS1 | DALI Controller

F M M C.V. DALI IP20



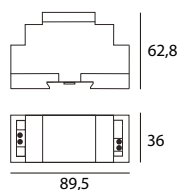
DALI Power Supply

Transp. **99309** 230~240V AC CLAMP DALI Power Supply

Driver for 200 mA DALI BUS for DALI devices or control modules without power supply.
Driver for recessed mounting.

Dali_PS2 | DALI Controller

F M M C.V. DALI IP20



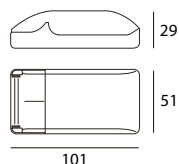
DALI Power Supply

White **99310** 230~240V AC CLAMP DALI Power Supply

Driver for 240 mA DALI BUS for DALI devices or control modules without power supply.
Driver suitable to be mounted on a 35mm DIN Omega track.

Dali_USB | DALI Controller

Eye F M M III C.V. DALI IP20



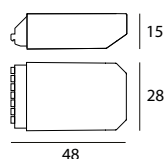
DALI Power Supply

Transp. **99308** 4.5~5V DC CLAMP DALI

PC/DALI interface.
It allows connecting a PC to the DALI system interface, addressing the individual drivers, managing scenes and groups.
The system must be integrated with free software "masterCONFIGURATOR".
Power supply through DALI cable and USB interface.

Dali_XC | DALI Controller

Eye F M M III C.V. DALI IP20



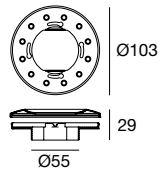
DALI Power Supply

White **99311** 15~16V DC CLAMP DALI



99309
Alimentatore

4 separate inputs for contacts/N.O. buttons.
Mode controlled via 2 rotary selectors.
Possibility to connect several DALI XC on the DALI line.
Power supply through DALI cable.
25 cm long connection cables depending on the terminal colours included.

Dali_Msensor | DALI Controller**DALI Power Supply**White **99312**

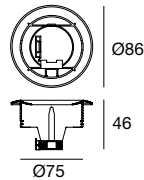
15~16V DC

CLAMP

DALI

**99309**
Driver**98140**
Case

Control based on ambient light and motion detection.
Assignment of simple group through rotary switch.
Possibility to connect several MSensors in a group and on the DALI line.
It can be controlled remotely.
Lighting and motion detection controls can be deactivated.
Parameter control through configuration software.
Power supply through DALI cable.

Dali_Msensor | DALI Controller**DALI Power Supply**White **99313**

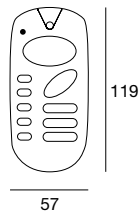
15~16V DC

CLAMP

DALI

**99309**
Driver

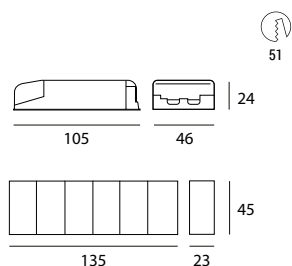
Control based on ambient light and motion detection.
Assignment of simple group through rotary switch.
Possibility to connect several MSensors in a group and on the DALI line.
It can be controlled remotely.
Lighting and motion detection controls can be deactivated.
Parameter control through configuration software.
Power supply through DALI cable.

Dali_RC | Remote Control and IR Controller**DALI Power Supply**Black **99334**

Accessory for DALI MSensor 99312 and 99313.
Optional IR remote control.
Switching on, switching off and dimming.
Activation of automatic control of lighting (LUX).
Retrieving five output values of fixed light.
Individual control of the buttons assigned with configuration software.
Setting the threshold control.
With wall support.

CONTROL DIAGRAM - EXAMPLE

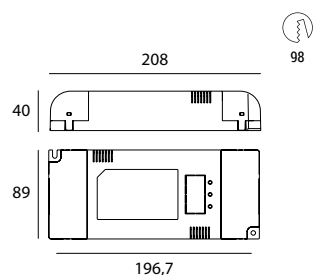
Sepic | Emergency 230~240V AC



Switchable (on/off) with normal power supply by means of a switch on the L' and N' (switched line) input.
Automatic reset after replacing battery and/or LED lamp.
Supplied with Ni-MH 6 cell battery pack, "AA" series, 1600 mAh.

range	output	input	eff.	PF	surge	
1-5 W stripLED	150mA 24V	230~240V AC	80%	0.55	1 kV	99339
1-4 W powerLEDs	350mA 14V	230~240V AC	80%	0.55	1 kV	

Boost | Emergency 190~250V AC / 260~360V DC



Switchable (on/off) with normal power supply by means of a switch on the SL (switched line) input.
Automatic reset after replacing battery and/or LED lamp.
Electronic multi-level charging system.
Supplied with Ni-MH 6 cell battery pack, "AA" series, 1600 mAh.

range	output	input	eff.	PF	surge	
13 W topLED	350mA 36V	190~250V AC	86%	0.9	4 kV	99085
12-15 W powerLEDs	350mA 45V	190~250V AC	86%	0.9	4 kV	
15 W arrayLED	400mA 37V	190~250V AC	86%	0.9	4 kV	99095
18-22.5 W powerLEDs	500mA 45V	190~250V AC	86%	0.9	4 kV	99089
20 W arrayLED	580mA 37V	190~250V AC	86%	0.9	4 kV	99096
23 W topLED	630mA 36V	190~250V AC	86%	0.9	4 kV	99086
24-30 W powerLEDs	630mA 45V	190~250V AC	86%	0.9	4 kV	
25 W arrayLED	720mA 37V	190~250V AC	86%	0.9	4 kV	99097
30 W topLED	840mA 36V	190~250V AC	86%	0.9	4 kV	99098
30 W arrayLED	840mA 37V	190~250V AC	86%	0.9	4 kV	
30 W topLED	840mA 40V	190~250V AC	86%	0.9	4 kV	
35 W arrayLED	950mA 37V	190~250V AC	86%	0.9	4 kV	99347
32 W topLED	950mA 36V	190~250V AC	86%	0.9	4 kV	
40 W arrayLED	1.1A 37V	190~250V AC	86%	0.9	4 kV	99242
50 W arrayLED	1.25A 37V	190~250V AC	86%	0.9	4 kV	99084
50 W topLED	1.25A 40V	190~250V AC	86%	0.9	4 kV	

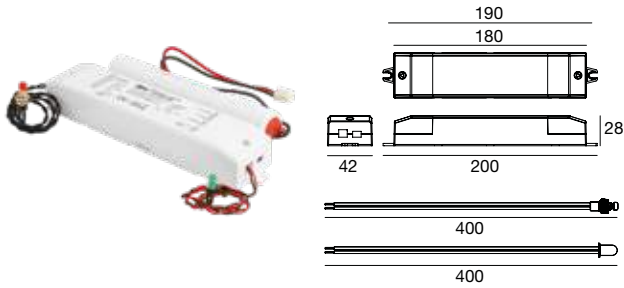


98436
Cable and
connector



98440
Cable and
connector

Emergency light kit | Emergency 190~250V AC / 260~360V DC



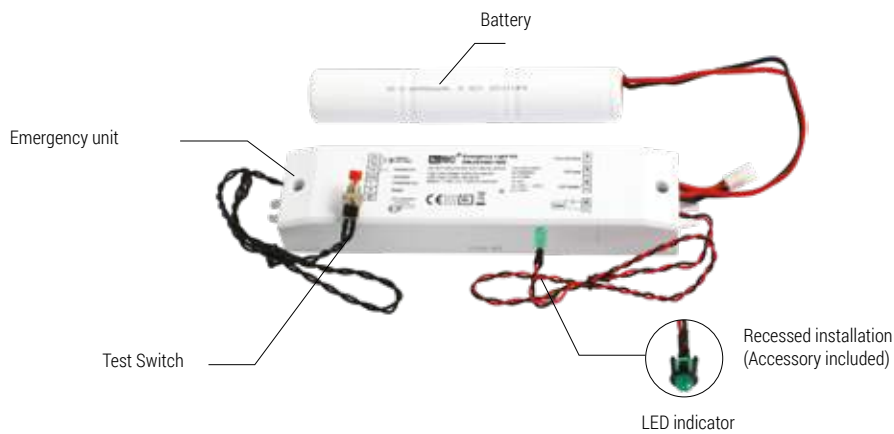
Switchable (on/off) in the presence of mains voltage via switch on SL input (switched line). Automatic reset following battery and/or LED lamp replacement. Electronic multilevel charging system. Supplied with 3000 mAh battery pack.

range	output	input	eff.	PF	surge	
Universal	6-60V 40-400mA	220~240V AC	86%	0.5	4 kV	99355

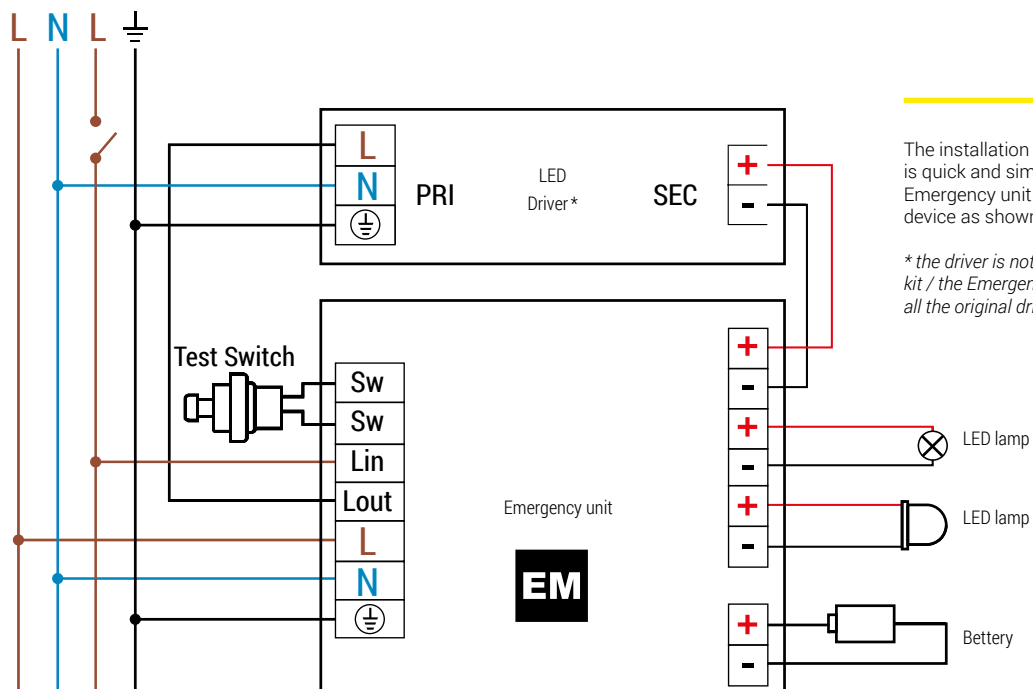
Frequency	50-60 Hz
Nominal input current	40 mA (30 A inrush current with cold start)
Output voltage (without load)	6-60V
TA Operating temperature	-25 +50 °C
Max casing temperature TC	70 °C
Control interface	Switch Line, Rest mode

Protections	Overtemperature, overload, overvoltage, short-circuit, open circuit
Charge current	200 mA
Emergency output current	400-40 mA
Emergency power	2,4W
Emergency output current	20 h

Reference norms	EN 55015 (+A1+A2), EN 61000-3-3 (+A1), EN 61000-3-2 (+A2), EN 61547 (+A1), EN60598-2-22, EN61951-2, CEI EN 61347-1, CEI EN 61347-2-13, CEI EN 50366
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Unswitch Switch



The installation of the emergency kit is quick and simple: just connect the Emergency unit to the driver of the LED device as shown in the diagram.

* the driver is not included in the Emergency kit / the Emergency kit can be connected to all the original drivers of the LED device

FAST AND EASY TO INSTALL

EYE-WiFi

Once an EYE-WiFi device is connected to the electricity grid, it will be detected by the EYE-WiFi Gateway and displayed via the EYE-WiFi APP.

NETWORK EXTENSION: you can easily add an EYE-WiFi device to an existing network at any time

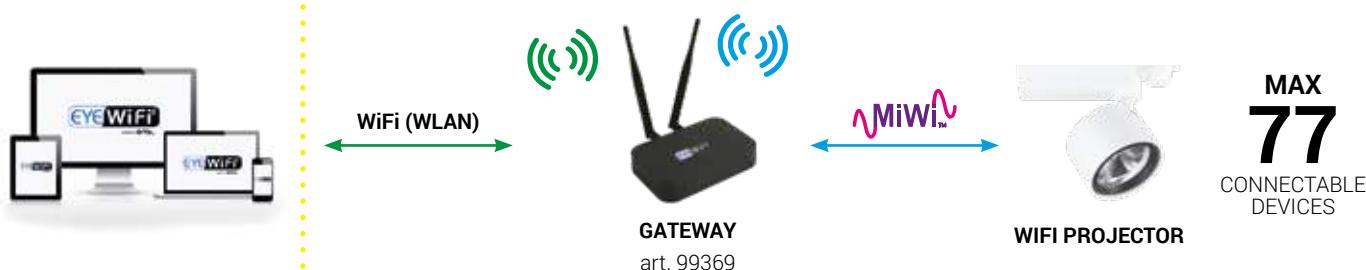
VERSATILITY: it is possible to modify the configuration of the devices and groups simply by intervening on the APP with a click.

HOTSPOT MODE

(without router).

For lighting systems independent of the LAN network. WiFi connection of the smart device (smartphone, tablet or PC) to the EYE-WiFi Gateway.

Access data via WiFi: see back of the EYE-WiFi Gateway. Ability to connect a maximum of two smart devices simultaneously.

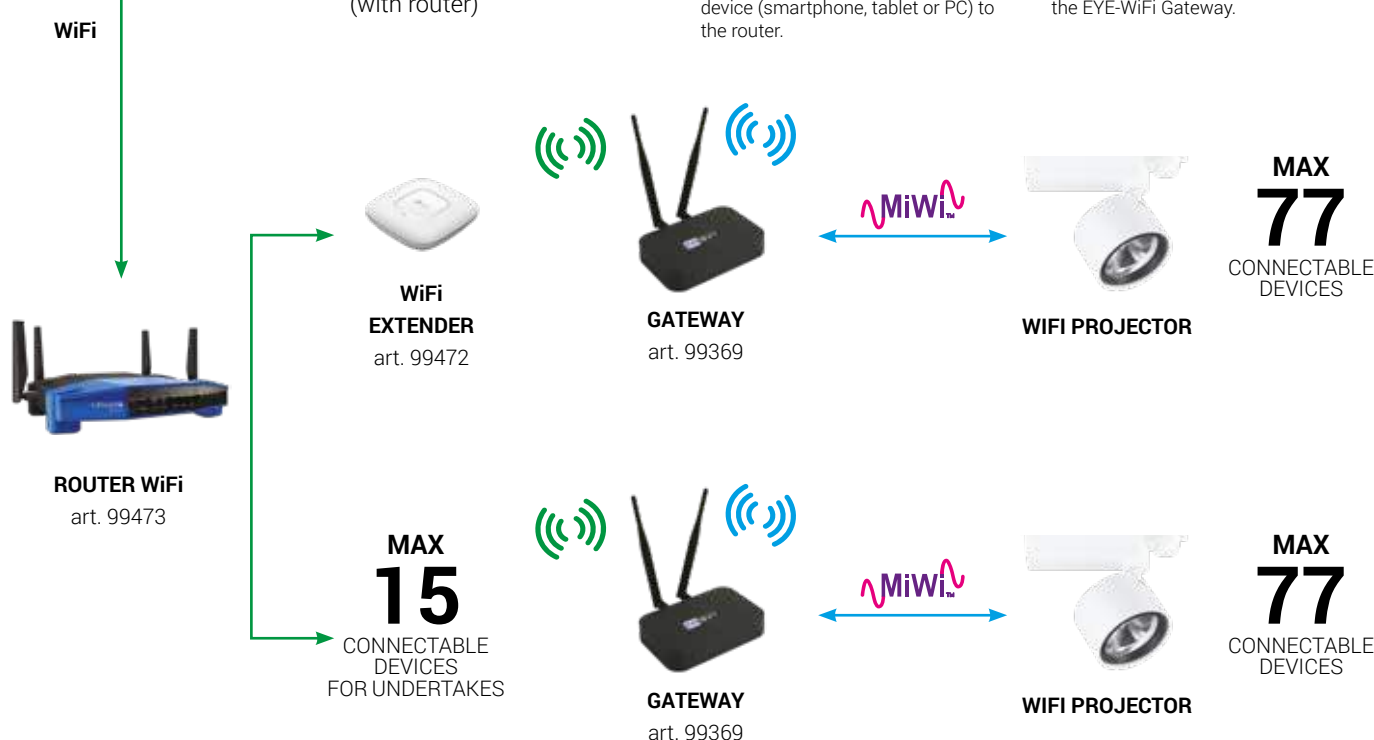


CLIENT MODE

(with router)

To control more than 77 EYE-WiFi devices. WiFi connection from smart device (smartphone, tablet or PC) to the router.

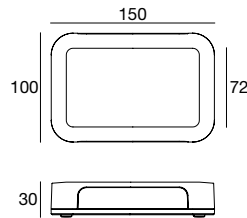
Access data via WiFi: check router specs. WiFi connection of the router to the EYE-WiFi Gateway.



Gateway



The mobile devices are connected through the Gateway EYE-WiFi, which converts WiFi signals into MiWi signals. This way, the EYE-WiFi technology can be used in all IT networks. If it is not possible to use your existing IT network, you can use the Gateway Hotspot function to create a stand-alone, independent WiFi network.



Black 99369

Network Standards

IEEE 802.11a/b/g/n

Radio Frequency Bands

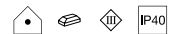
2.4GHz

ATTENTION:

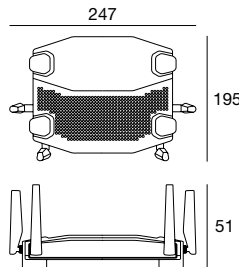
A Gateway EYE-WiFi can control up to 77 EYE-WiFi fixtures. As generic indications, we can provide the following maximum distances between Gateway EYE-WiFi and EYE-WiFi device:

- Alix_, maximum radius of 40m around the Gateway EYE-WiFi;
- Flamp_, Prolamp_, Alux_, maximum radius of 135m around the Gateway EYE-WiFi.

Linksys AC1900 WiFi Router



Simultaneous dual band (2.4 + 5 GHz) offers a stronger connection in a wider range than a single band with AC1900 speed. Equipped with 4 high-performance antennas, they provide optimum coverage and maximum signal strength even in large spaces or multi-storey buildings.



Black 99473

Network Standards

IEEE 802.11a/b/g/n/ac

Radio Frequency Bands

2.4 & 5GHz

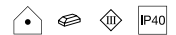
Ports

USB 3.0, gigabit Ethernet

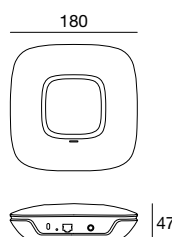
CPU

1.3 GHz dual-core processor

TP-Link Extender



The latest generation Access Point (802.11ac standard) ensures superior wireless performance and high network coverage, both at 2.4GHz and 5GHz. TP-Link Extender allows to extend the WiFi range generated by Linksys AC1900 WiFi Router, it grant WiFi network coverage even in extended areas.



White 99472

Network Standards

IEEE 802.11a/b/g/n/ac

Radio Frequency Bands

2.4GHz & 5GHz

Supply

PoE (power over Ethernet) 802.af or driver



LINEA LIGHT GROUP

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8201	Straight_P1	194
8202	Straight_P3	194
8203	Straight_P3	194
8204	Straight_P1	194
8205	Straight_P1	194
8206	Straight_P3	194
8207	Straight_P3	194
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8230	Box_SQ	205
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8232	Box_SQ	205
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8243	Box_SR	204
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8566	Thin	126
8567	Thin	126
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64317	Carter	99
64326	Carter	99
64327	Carter	99
64336	Carter	99
64337	Carter	99
64346	Carter	101
64347	Carter	101
64356	Carter	101
64357	Carter	101
64366	Carter	101
64367	Carter	101
64376	End Carter	101
64377	End Carter	101
64386	L-Shaped Carter	101
64387	L-Shaped Carter	101
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64391	Power Supply Cable	99
64392	Extension Cable	99
64393	Extension Cable	99
64394	Extension Cable	99
64407	Carter	100
64408	Carter	100
64417	Carter	100
64418	Carter	100
64427	Carter	100
64428	Carter	100
64437	End Carter	100
64438	End Carter	100
64447	L-Shaped Carter	100
64448	L-Shaped Carter	100
64457	C Junction	99
64458	C Junction	99
64467	C Junction	100
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65134	Tour PI	182
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80147	Pound_2	40
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80149	Pound_2	40
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80162	Iris-T_0	70
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80266	Optus-T_2 Eye Wifi	65
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80983	Binario trifase+DALI 3m	76
80984	Binario trifase+DALI 1m	76
80985	Binario trifase+DALI 2m	76
80986	Binario trifase+DALI 3m	76
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	Indoor Installation		Article protected by resin
	Outdoor Installation		Round installation hole
	Wall mounting		Fixture suitable for mounting on furniture
	Ground mounting		Fixture suitable for mounting on flammable surfaces (EN 60598)
	Ceiling mounting		Fixture with built-in thermal protection
	Wall or ground mounting		Simply DIM
	Ceiling or wall mounting		1-10 V
	Ceiling, wall or ground mounting		DMX 512
	Ceiling or ground mounting		DALI
	Stainless steel	C.C.	Constant Current
	Protection index (IEC 60529) from foreign bodies and water	C.V.	Constant Voltage
	Protection index (IEC 62262) against external mechanical impacts		Infrared
	Adjustable light beam		
	Tilting light beam		
	Walk-over lighting fixture		
	Drive unit (2,500 kg)		
	Power cable included		
	Class I - electrical insulation class (IEC)	All items are energy class A ++.	
	Class II - electrical insulation class (IEC)	The values shown, unless otherwise stated, refer to the emission of the source and are susceptible to tolerances as shown in the following table:	
	Class III - electrical insulation class (IEC)	Emission $\pm 7\%$ lm CRI ± 2 points on the typical value CCT ± 80 K Driver absorption $\pm 9\%$ W	
	Driver included	The connection diagrams for the electronics items are available in the technical documentation.	
	Driver not included		
	Over Voltage Protection		

Product image

Code composition table =
product code + colour + opticsListed technical
design

Box_SR | Ceiling Lights | 190-250 V | 7 W 500 mA topl.ED



Series	Model	3000 K	752 lm	General
Box_SR	B236	3000 K	752 lm	General
Box_SR	B237	4000 K	811 lm	General
Box_SR	B238M	4000 K	811 lm	General
Box_SR	B237M	4000 K	811 lm	General

Box_SR | Ceiling Lights | 190-250 V | 17 W 900 mA topl.ED



Series	Model	3000 K	1880 lm	General
Box_SR	B238	3000 K	1880 lm	General
Box_SR	B239	4000 K	2027 lm	General
Box_SR	B238M	4000 K	2027 lm	General
Box_SR	B239M	4000 K	2027 lm	General

Box_SR | Ceiling Lights | 190-250 V | 48 W 1000 mA topl.ED



Series	Model	3000 K	3878 lm	General
Box_SR	B240	3000 K	3878 lm	General
Box_SR	B241	4000 K	3108 lm	General
Box_SR	B240M	4000 K	3108 lm	General
Box_SR	B241M	4000 K	3108 lm	General

Box_SR | Ceiling Lights | 190-250 V | 48 W 1000 mA topl.ED



Series	Model	3000 K	5251 lm	General
Box_SR	B242	3000 K	5251 lm	General
Box_SR	B243	4000 K	5650 lm	General
Box_SR	B242M	4000 K	5650 lm	General
Box_SR	B243M	4000 K	5650 lm	General

Box_SQ | Ceiling Lights | 220-240 V | topl.ED 7 W 500 mA



Series	Model	3000 K	752 lm	Diffused
Box_SQ	B227	3000 K	752 lm	Diffused
Box_SQ	B228	4000 K	811 lm	Diffused
Box_SQ	B227M	4000 K	811 lm	Diffused
Box_SQ	B228M	4000 K	811 lm	Diffused

Box_SQ | Ceiling Lights | 220-240 V | topl.ED 17 W 700 mA



Series	Model	3000 K	1880 lm	Diffused
Box_SQ	B229	3000 K	1880 lm	Diffused
Box_SQ	B230	4000 K	2027 lm	Diffused
Box_SQ	B229M	4000 K	2027 lm	Diffused
Box_SQ	B230M	4000 K	2027 lm	Diffused

Box_SQ | Ceiling Lights | 220-240 V | topl.ED 17 W 700 mA



Series	Model	3000 K	3060 lm	Diffused
Box_SQ	B231	3000 K	3060 lm	Diffused
Box_SQ	B232	4000 K	3383 lm	Diffused
Box_SQ	B231M	4000 K	3383 lm	Diffused
Box_SQ	B232M	4000 K	3383 lm	Diffused

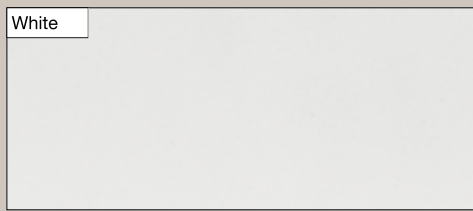
Box_SQ | Ceiling Lights | 220-240 V | topl.ED 43 W 900 mA



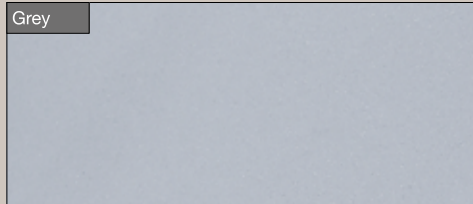
Series	Model	3000 K	4888 lm	Diffused
Box_SQ	B233	3000 K	4888 lm	Diffused
Box_SQ	B234	4000 K	5270 lm	Diffused
Box_SQ	B233M	4000 K	5270 lm	Diffused
Box_SQ	B234M	4000 K	5270 lm	Diffused

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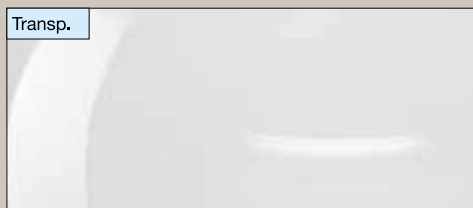
Ceiling & Suspended



White | RAL 9003 embossed



Gray | RAL 9006 embossed



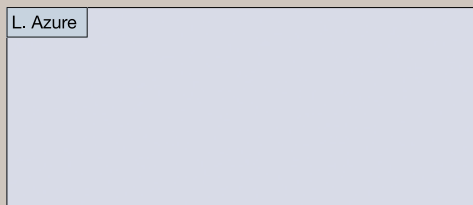
Transparent | PMMA



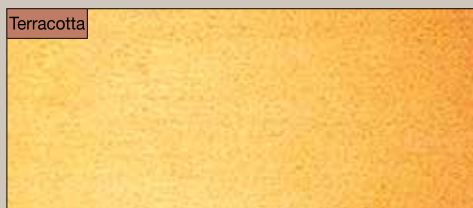
Concrete



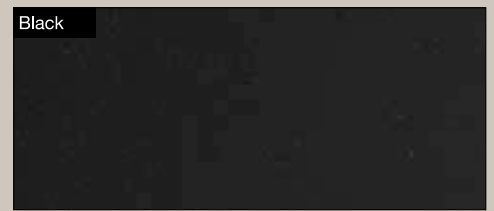
Bronze



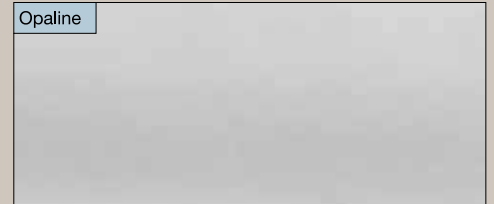
Light Azure_ polished



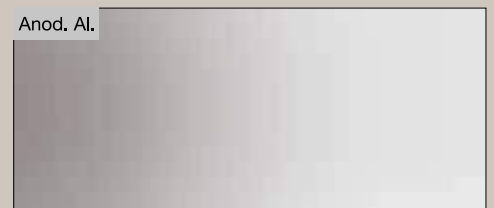
Earthenware



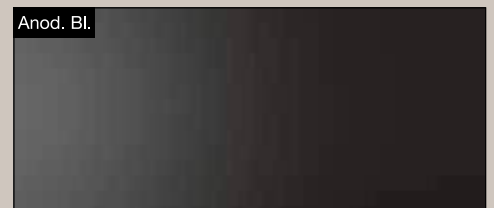
Black | RAL 9005 embossed



Opaline | PMMA



Anodised aluminium



Anodised aluminium black



Rose gold



Pink_ polished

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In the customers' interest, the Company reserves the right to modify models at any time without prior notice.





Your Light Future Proof