



CATALOG 2022





WHAT IS BEING DONE FOR YOU?

Lébénoid and Integratech

It is 2400 references standard references of functional and industrial lighting
It is 720 references of lighting and electrical accessories

But it's also

- **Packaging adapted to the building site**
- **Color**
(color on request according to your needs)
- **Preset of adjustments**
(detection distance, timing, sensitivity...)
- **Kits "Ready to install"**
(Cutting profiles to length, wiring, identification according to equipment plan ...)
- **Products for extreme environments**
(Extreme cold and very high temperature, aggressive environments ...)
- **Solutions for specific applications**
(Prison environment, very low voltage, cattle industry ...)

As a manufacturer,
we can adapt our offer to
your needs!

Ask of our sales department:
04 72 11 39 90



Lebenoid and Integratech
brands of
Lighting Développement



SUMMARY

_BULKHEADS	8.
_WALL LIGHTS AND LANTERNS	44.
_STRIPLIGHTS FOR BATHROOM	58.
_LED PANELS	66.
_LED STRIPS	80.
_LED PROFILES	100.
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Bulkheads

Wall lights
Lanterns

Striplights
BTH

LED panels

LED strips

LED profiles

Drivers
Controls

Downlight

Track light

Industrial
Striplights

Highbay

Floodlight

Smart
Lighting

Accessories

Spare parts
tech note book





New lighting for your projects.

“

Specialist in functional lighting and historical partner of installers, the brand affirms ability to accompany its customers throughout their project, from design and advice to the implementation of quality lighting solutions.

Lighting development with Lébénoid and Integratech is the ultimate flexible lighting partner for the installer and light planner with a crystal-clear mission : to offer sustainable and energy-efficient solutions to professionals and enhance personal comfort by improving the atmosphere thanks to high-quality lighting.

Our added-value? 100 years of experience, serving our customers to fulfil their needs for a better lighting. Whatever your project, our design office along with our two factories would analyse and propose the most appropriate solution either based upon our standard range, or fully tailor-made.

”

www.lebenoid.fr

Find all our products on our website.
And also for download:

- > Data sheets
- > Regulations
- > user manual
- ...





Regulatory Requirements

Terminology



Interior lighting



Outdoor luminaire



Wall mounting



Ceiling mounting



Hyperfrequency detection



Infrared detection

Standards and certifications



Class I



Product Certification



Class II



CE - European Conformity



Ingress Protection



Glow-wire resistance



Impact Protection (IK)



Non-dimmable



Diffusion angle



CRI Colour rendering index



CCT Correlated Color Temperature



Power factor



Power per linear meter



Luminous efficiency



Power supply



Flicker-Free



Type and number of LEDs



UGR Unified Glare Rating



Roll length



Mini cutting length



In stock



Working lifespan



On order



Warranty



Premium Version

CEE Energy Saving Certificate



ENEC Certified products



Due to their performance, the products identified by this logo are eligible for the Certificate of Economy Energy BAR - EQ - 110 :

Luminaires whose resistance mechanical > or = IK10:

- Working lifespan : 40 000 h
- Luminous efficiency > 75 lm / W

Luminaires <IK10

- Working lifespan : 50 000 h
- Luminous efficiency > 90 lm / W

Flow drop < 30% at the end of the lifespan

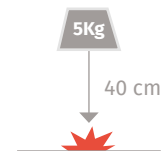
Control device

- Presence or motion detection
- Or illumination level detection
- Or the 2 together

BULKHEADS IK10+

The AXIOME and H350 series offer a higher level of impact resistance in accordance with the European standard EN62262

IK10 = 20 joules
IK10+ = 50 joules





DISCOVER OUR INNOVATIONS

BULKHEAD

APPLIQUES

LANTERNS

INDUSTRIAL STRIPLIGHTS

STRIPLIGHTS FOR BATHROOM

LED PANELS

FLOODLIGHT

TRACK LIGHT

LIGHTING EQUIPMENT

DOWNLIGHT

HIGHBAY





Innovations / Projects

PROJECTS



SCHOOLS / UNIVERSITIES

HOST RESIDENCES
(RETIREMENT HOMES,
UNIVERSITY RESIDENCES)

HEALTH / HOSPITALS, EHPAD

RESIDENTIAL SERVICE

PRIVATE MULTI-FAMILY
RESIDENTIAL
& SOCIAL

INDIVIDUAL RESIDENTIAL

TERTIARY / OFFICES

RETAIL / SHOPS / SHOWROOMS

INDUSTRY / LOGISTICS

SPORT: INDOOR & OUTDOOR

PUBLIC SPACES / ROADS /
CAR PARK





Bulkheads.

Bulkheads



Size	mm	180x55	350x102	320x320x103	350x110	350x105x90	T1 : 260x98 T2 : 320x100	T1 : 260x60 T2 : 320x60
built-in detection	MW	—	YES	YES	YES	YES	YES	YES
	IR	—	—	YES	—	—	YES	—
Protection indices	IP	IP44	IP55	IP54	IP65	IP65	IP54	IP44/IP55
	IK	IK07	IK10	IK10	IK10	IK10+	IK08/IK10+	IK10
Vandal-resistant		YES	YES	YES	YES	YES	YES	YES
Luminous flux	lm	800 1000	2000 2700	2000 2700	1200 2500	2000 2700	500 2700	720 1650
Safety	Glow-wire resistance	650 °C	850 °C	850 °C	850 °C	850 °C	650 °C	650 °C
Light source	LED board	YES	YES	YES	YES	YES	YES	YES
	E27	—	YES	YES	YES	—	YES	—
Fonctions	Work 24/24	—	Contact us	Contact us	YES	Contact us	Contact us	—
	Accessibility stairs (oriented flow)	—	—	—	YES	YES	—	—

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New! Optimum
introduced in 2022

P.10



Bulkheads guideline



Option	D2L	Orcade extra plat rond	Orcade extra plat carré	Orcade rétro alu rond	Orcade rétro alu ovale	Pure Cube	Pure Horizon	Sola	Disc
300x116	225x58	T1 : 250x48 T2 : 300x48	T1 : 220x220x48 T2 : 280x280x48	280x93	280x185x90	218x218x82	T1 : 300x85 T2 : 378x87	T1 : 290x103 T2 : 350x105	320x54,5
YES	YES	—	—	—	—	—	YES	YES	YES
—	—	—	—	—	—	—	—	—	—
IP44	IP55	IP40	IP44	IP54	IP54	IP54	IP65	IP65	IP54
IK10	IK10	IK06	IK07	IK10	IK10	IK05	IK10	IK10	IK10
YES	YES	—	—	—	—	—	—	YES	—
1200	1200	1180 1700	1300 1500	900	850	—	950 220	998 2300	1991 2244
650 °C	650 °C	650 °C	650 °C	650 °C	650 °C	650 °C	650 °C	650 °C	650 °C
YES	YES	YES	YES	YES	YES	—	YES	YES	YES
YES	—	—	—	—	—	YES	YES	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

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Traditional Bulkheads P.42





NEW

OPTIMUM

We continue our innovations with the Optimum Bulkhead, a unique communicating equipment that offers dual functionality for ambient and emergency lighting. introduced in 2022.

Solution BAEH

Car park

Technical premises

Halls

Co-ownership

Residentiel

Tertiary

Lighting standards

**MULTI-FUNCTION LUMINAIRE****Classic luminaire, Self-contained battery emergency light fonction, oriented flow****Plugable module :****- Simplified and secure installation**

The luminaire is composed of a base equipped with a secure connector and an optical module including the electronics. The installation of the base and the connection to the supply can be done before or after the finishes of the support. At the end of the project, any sub-trad actor can plug the optical module on the base.

- Quick maintenance

The optical module can be removed without cutting the supply, maintenance becomes simple and fast.

- Optimized recyclability

This product has been designed to facilitate its recycling, all components are easily separable.

Self-contained battery emergency light fonction :**- Built-in Self-contained battery emergency light fonction (autonomous home lighting block)**

The optical module contains 2 light sources, one dedicated to ambient lighting, the other to emergency lighting. With this solution only one supply is necessary and only one device is to be installed to ensure the 2 functions.

- Fonction « SATI » en standard

The integrated automatic test system lightens control operations. Maintenance operations only in the event of a defect.

Smart**- Remote or local commissioning in digital (web, smartphone, tablet)****- Settings according to the environment (user comfort, energy saving)****- Monitoring and management of the installed base (predictive maintenance, monitoring of consumption and operating times)**

*BAEH bloc autonome d'éclairage d'habitation

Warranty
5
years**Made in
France**

IZY PRO

**EFFICIENCY IN A
SINGLE CLIP!**

Izy Pro is the first luminaire with direct connection on DCL blochet. Its quick installation without tools is ideal for wall or ceiling mounting inside the dwelling.

Compact, with sober lines, the Izy Pro adapts to all interiors: Customizable base color.



Izy Pro

Direct DCL

Bathroom

Halls

Living room

Kitchen

Washroom



RAL 9003

RAL 7021

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Anthracite
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ON/OFF

8W LED	3000K	LED board	II	60 000h	800	0.770.00	0.770.10
8W LED	4000K	LED board	II	60 000h	1000	0.770.05	0.770.15



RAL colours : **on request**

The luminaire clips directly into the DCL socket.



Clip the luminaire the installation is complete!

Easy unclipping system by simple press. Supplied with the product: 1 anti-theft pin and a disassembly tool.

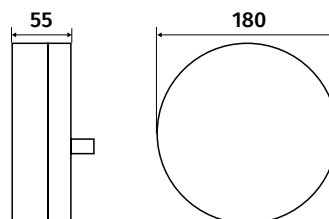


TECHNICAL DATA

- Tool-free installation
- 8 Watts
- 180 x 55 mm
- Polycarbonate body and diffuser
- Standardized DCL plug



SIZE (MM)



PRE

Warranty
5
yearsLED
board


Made in
France


SEXTAN

PREMIUM LIGHTING

Hublot Premium with a contemporary design that fits perfectly into modern architectures.

With a luminous efficiency $>90\text{lm/W}$, the Sextan is one of the most economical luminaires on the market.

Thanks to the color on request, choose a Sextan with the dark-grey rim for a modern and classy finish.

The +:
The Premium version benefits from a cast aluminum rim.

PRE





PREMIUM

Balconies Horizontal circulations
 Facades Residentiel Tertiary
 Lighting standards



RAL 9003 RAL 7024

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Grey
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ON/OFF

1 x 70W HAL maxi, delivered without lamp*	-	E27	II	-	-	0.717.00	0.717.30
21W driver LED	3000K	LED board	II	50 000h	2000	0.719.52	0.719.62
21W driver LED (alu cast rim)	3000K	LED board	II	50 000h	2000	0.719.81	0.719.80
21W driver LED	4000K	LED board	II	50 000h	2500	0.719.51	0.719.61
21W driver LED (alu cast rim)	4000K	LED board	II	50 000h	2500	0.719.09	0.719.08

MICROWAVE

1 x 70W HAL maxi, delivered without lamp*	-	E27	II	-	-	0.717.20	-
21W driver LED	3000K	LED board	II	50 000h	2000	0.719.53	0.719.63
21W driver LED (alu cast rim)	3000K	LED board	II	50 000h	2000	0.719.83	0.719.82
21W driver LED	4000K	LED board	II	50 000h	2500	0.719.50	0.719.60
21W driver LED (alu cast rim)	4000K	LED board	II	50 000h	2500	0.719.11	0.719.10

MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

24W driver LED	4000K	LED board	II	50 000h	2700	0.719.39	0.719.49
24W driver LED	4000K	LED board	II	50 000h	2700	0.719.27	0.719.26

* see references lamp E27 p.226



RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material



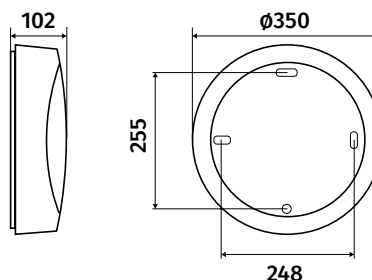
Remote control to adjust MW detector ref. : **0.799.69**

TECHNICAL DATA

- Polycarbonate rim and diffuser.
- Opening 1/4 turn.
- Easy assembly: 4 fixing points including 3 with catch-up of game.



SIZE (MM)



Warranty
5
yearsLED
board

ATOLL C320

THE SQUARE IN ALL MODERNITY

Square porthole whose curves bring a timeless shape to the light.

Ideal for horizontal and vertical circulations, its contemporary lines offer double direct and lateral lighting.

Available in many variations, the C320 adapts to all configurations and brings a touch of the unexpected.

With a luminous efficiency $>90\text{lm/W}$, Atoll C320 falls into the category the most economical luminaires on the market.



Atoll C320



EFFECTIVE

Balconies Horizontal circulations

Facades Residentiel Tertiary

Lighting standards

RAL
9003RAL
9007RAL
7039RAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Light grey	Darker grey	Black
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ON/OFF

2 x 42W HAL maxi, delivered without lamp*	-	E27	I	-	-	0.700.00	-	0.700.30	0.700.10
21W driver LED	3000K	LED board	II	50 000h	2200	0.702.84	0.703.04	-	0.702.94
21W driver LED	4000K	LED board	II	50 000h	2700	0.702.83	0.703.03	0.703.13	0.702.93

MICROWAVE

2 x 28W HAL maxi, delivered without lamp*	-	E27	I	-	-	0.701.00	-	0.701.30	0.701.10
21W driver LED	3000K	LED board	II	50 000h	2200	0.702.85	0.703.04	-	0.702.95
21W driver LED	4000K	LED board	II	50 000h	2700	0.702.82	0.703.03	0.703.12	0.702.92

MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

24W driver LED	4000K	LED board	II	50 000h	2700	0.702.81	0.703.01	0.703.11	0.702.91
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ORIENTED FLOW ON/OFF

24W driver LED	3000K	LED board	II	50 000h	2400	0.703.31	-	-	0.703.41
24W driver LED	4000K	LED board	II	50 000h	2250	0.703.30	-	-	0.703.40

ORIENTED FLOW MICROWAVE (adjustable by remote control)

24W driver LED	3000K	LED board	II	50 000h	2400	0.703.33	-	-	0.703.43
24W driver LED	4000K	LED board	II	50 000h	2250	0.703.32	-	-	0.703.42

ORIENTED FLOW MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

24W driver LED	3000K	LED board	II	50 000h	2400	0.703.35	-	-	0.703.45
24W driver LED	4000K	LED board	II	50 000h	2400	0.703.34	-	-	0.703.44

INFRARED

21W driver LED	3000K	LED board	II	50 000h	2700	0.702.87	-	0.703.17	0.702.97
21W driver LED	4000K	LED board	II	50 000h	2700	0.702.86	-	0.703.16	0.702.96

* see references lamp E27 p.226



RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

Remote control to adjust
MW detector ref. : **0.799.69**

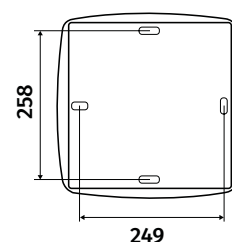
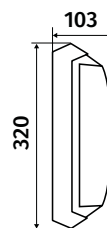


TECHNICAL DATA

- Polycarbonate rim and diffuser.
- Easy mounting; 4 attachment points with possible adjustment.



SIZE (MM)



LED
board

SQUAD

POWER AND EFFICIENCY, ALL OPTIONS

Efficient functional bulkhead, ideal for all types of circulation.

Robust, Vandal-resistant, anti-tear, water jet resistant bulkhead, the Squad responds to all applications safely.

With a luminous efficiency $>100\text{lm/W}$, Squad falls into the PERFORMANCE category.

The +:

Available in "oriented flow" version for the accessibility of vertical circulations.

Available in two special versions:

- 24/24: for continuous lighting thus ensuring the safety of users
- Dual source: with a dual power supply ideal for lighting in prisons.





Squad



EFFICIENT

Balconies Horizontal circulations

Vertical circulations

Facades Residential Tertiary

Lighting standards

RAL
9003RAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Black
-----------	-----	--------------	-------	-------------------------	--------------------	-------	-------

ON/OFF

1 x 70W HAL maxi, delivered without lamp*	-	E27	I	-	-	0.794.03	0.794.04
21W driver LED	3000K	LED board	II	50 000h	2100	0.764.80	0.764.81
21W driver LED	4000K	LED board	II	50 000h	2500	0.764.70	0.764.71

MICROWAVE

1 x 52W HAL maxi, delivered without lamp*	-	E27	I	-	-	0.794.60	0.794.61
21W driver LED	3000K	LED board	II	50 000h	2100	0.764.82	0.764.83
21W driver LED	4000K	LED board	II	50 000h	2500	0.764.72	0.764.73

MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

24W driver LED	3000K	LED board	II	50 000h	2160	0.764.64	0.764.65
24W driver LED	4000K	LED board	II	50 000h	2700	0.764.76	0.764.77

ORIENTED FLOW ON/OFF

28W driver LED	3000K	LED board	II	50 000h	2000	0.764.84	0.764.85
28W driver LED	4000K	LED board	II	50 000h	2100	0.764.60	0.764.61

ORIENTED FLOW MICROWAVE

28W driver LED	3000K	LED board	II	50 000h	2000	0.764.86	0.764.87
28W driver LED	4000K	LED board	II	50 000h	2100	0.764.62	0.764.63

ORIENTED FLOW MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

28W driver LED	3000K	LED board	II	50 000h	2200	0.764.88	0.764.89
28W driver LED	4000K	LED board	II	50 000h	2200	0.764.67	0.764.68

24/24H

15W driver LED	4000K	LED board	II	50 000h	1500	0.764.66	-
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DOUBLE SOURCE

5W + 21W driver LED	4000K	LED board	II	50 000h	2500	0.764.78	-
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* see references lamp E27 p.226

** Oriented flow versions, wall mounting only

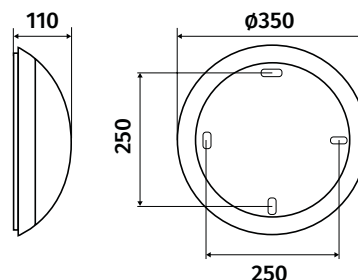
RAL colours : **on request**Remote control to adjust MW
detector ref. : **0.799.69**

TECHNICAL DATA

- Polycarbonate rim and diffuser.
- Easy mounting: 4 attachment points with possible adjustment.
- 2 side pre-cuts for tube \varnothing 20 mm or molding 32 x 12.5 mm.



SIZE (MM)



Warranty
5
yearsLED
board

H350

HOMOGENEOUS LIGHTING WITH OPTIMAL EFFICIENCY

An vandal-resistant bulkhead, the H350 is the solution for homogeneous lighting of horizontal and vertical circulations.

With a ringless design, the H350 offers illumination over its entire surface.

With a luminous efficiency >100lm/W, H350 offers optimal energetic performance.

The +:
Available in "oriented flow" version for the accessibility of vertical circulations.





EFFICIENT

Balconies Horizontal circulations Vandal-resistant
 Vertical circulations Technical premises
 Facades Residentiel Tertiary
 Lighting standards

H350

RAL
9003

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White
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ON/OFF

2 x 53W HAL maxi, delivered without lamp*	-	E27	I	-	-	0.740.00
21W driver LED	3000K	LED board	II	50 000h	2200	0.740.28
21W driver LED	4000K	LED board	II	50 000h	2500	0.740.24

MICROWAVE

2 x 42W HAL maxi, delivered without lamp*	-	E27	I	-	-	0.740.10
21W driver LED	3000K	LED board	II	50 000h	2200	0.740.29
21W driver LED	4000K	LED board	II	50 000h	2500	0.740.25

MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

24W driver LED	3000K	LED board	II	50 000h	2160	0.740.33
24W driver LED	4000K	LED board	II	50 000h	2700	0.740.27

ORIENTED FLOW ON/OFF

28W driver LED	3000K	LED board	II	50 000h	2100	0.740.34
28W driver LED	4000K	LED board	II	50 000h	2300	0.740.30

ORIENTED FLOW MICROWAVE

28W driver LED	3000K	LED board	II	50 000h	2100	0.740.35
28W driver LED	4000K	LED board	II	50 000h	2300	0.740.31

ORIENTED FLOW MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

28W driver LED	3000K	LED board	II	50 000h	2300	0.740.36
28W driver LED	4000K	LED board	II	50 000h	2500	0.740.32

* see references lamp E27 p.226

** Oriented flow versions, wall mounting only

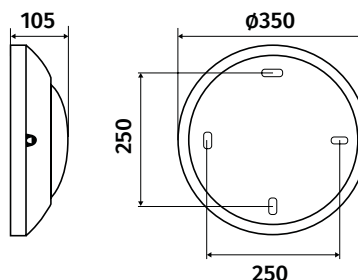
Remote control to adjust
MW detector ref. : **0.799.69**

TECHNICAL DATA

- Polycarbonate diffuser.
- Easy mounting: 4 attachment points with possible adjustment.
- 2 side pre-cuts for tube \varnothing 20 mm or molding 32 x 12.5 mm.



SIZE (MM)



Warranty
5
yearsLED
board

AXIOME

THE FUNCTIONAL AND POLYVALENT LUMINAIRE

With its two sizes and many options, the Axiome adapts to all situations.

The infrared version is ideal for high disturbance environments (e.g. landing with elevator).

With a luminous efficiency $>100\text{lm/W}$, Axiome is an efficient luminaire and goes everywhere.

The +:

A pre-cut for the cable duct for renovation. The infrared version for environments with high disturbances (e.g. landing with elevator).



Axiome

EFFICIENT

Horizontal circulations

Vandal-resistant

Vertical circulations

Technical premises

Co-ownership

Residentiel

Tertiary

RAL
9003RAL
7024RAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Grey	Black	Size
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ON/OFF

1x42, delivered without lamp*	-	E27	II	-	-	0.730.00	0.734.00	0.732.00	T1
1x10W LED	3000 K	E27	II	30 000h	500	0.730.03	0.734.03	0.732.03	T1
12W driver LED	4000K	LED board	II	50 000h	1200	0.730.24	0.734.24	0.732.24	T1
2x42W, delivered without lamp*	-	E27	II	-	-	0.730.50	0.734.50	0.732.50	T2
2x10W LED	3000 K	E27	II	30 000h	1000	0.730.53	0.734.53	0.732.53	T2
21W driver LED	3000K	LED board	II	50 000h	2150	0.730.84	0.734.84	0.732.84	T2
20W driver LED	4000K	LED board	II	50 000h	2200	0.730.75	0.734.75	0.732.75	T2

MICROWAVE

1x42W, delivered without lamp*	-	E27	II	-	-	0.730.02	0.734.02	0.732.02	T1
1x10W LED	3000 K	E27	II	30 000h	500	0.730.04	0.734.04	0.732.04	T1
12W driver LED	4000K	LED board	II	50 000h	1200	0.730.25	0.734.25	0.732.25	T1
2x42W, delivered without lamp*	-	E27	II	-	-	0.730.52	0.734.52	0.732.52	T2
2x10W LED	3000 K	E27	II	30 000h	1000	0.730.54	0.734.54	0.732.54	T2
21W driver LED	3000K	LED board	II	50 000h	2150	0.730.89	0.734.89	0.732.89	T2
20W driver LED	4000K	LED board	II	50 000h	2200	0.730.76	0.734.76	0.732.76	T2

MICROWAVE + STANDBY DIMMED LEVEL (adjustable by remote control)

20W driver LED	4000K	LED board	II	50 000h	2200	0.730.79	0.734.79	0.732.79	T2
24W driver LED	4000K	LED board	II	50 000h	2700	0.730.74	0.734.74	0.732.74	T2

INFRARED

2x10W E27	3000K	E27	II	30 000h	1000	0.730.55	0.734.55	0.732.55	T2
21W driver LED	3000K	LED board	II	50 000h	2150	0.730.88	0.734.88	0.732.88	T2
20W driver LED	4000K	LED board	II	50 000h	2200	0.730.78	0.734.78	0.732.78	T2

Réducteur angle de détection (masquage des zones de détection)

708.531

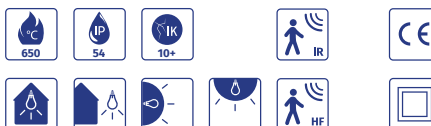
* see references lamp E27 p.226

Remote control to adjust MW detector ref. : **0.799.69**

The gray rendering indicated may vary slightly depending on the series and the material

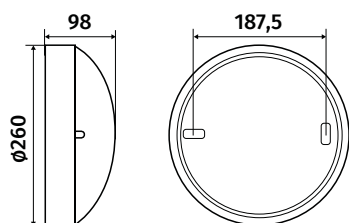
TECHNICAL DATA

- Polypropylene rim and polycarbonate diffuser (opal).
- Easy assembly: 2 fixing points including 2 with possible adjustment.
- 2 side pre-cuts for tube \varnothing 20 mm or molding 32 x 12.5 mm.



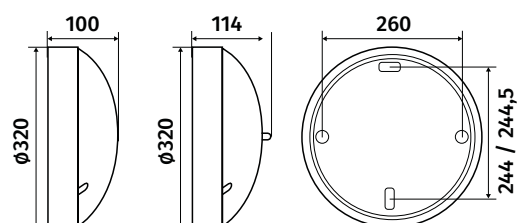
SIZE (MM)

T1



SIZE (MM)

T2



Warranty
5
yearsLED
boardMade in
France

VERNOSC

LECONOMICAL AND
FAST LIGHTING TO
INSTALL

Made in France, Vernosc is the unconditional ally of professionals:

- Quick to install thanks to a clip system (installation time < 3 min).
- Energy efficient and maintenance-free
- Available in two sizes

An economical solution for investors: its latest-generation lighting engine ensures energy-efficient and maintenance-free lighting.

**ECONOMIC**

Vandal-resistant Balcon Facade
 Horizontal circulations Technical premises
 Résidentiel Tertiary Co-ownership

Vernosc
T1 and T2RAL
9003RAL
7016

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Grey	Size	Détecteur
-----------	-----	--------------	-------	-------------------------	--------------------	-------	------	------	-----------

ON/OFF

10W driver LED	3000K	LED board	II	60 000h	720	0.707.10		T1	
10W driver LED	4000K	LED board	II	60 000h	1000	0.707.00	0.708.00	T1	
17W driver LED	3000K	LED board	II	60 000h	1350	0.707.60		T2	
17W driver LED	4000K	LED board	II	60 000h	1800	0.707.50	0.708.50	T2	
17W driver LED - UP*	4000K	LED board	II	60 000h	1800	0.707.70		T2	

ALASKA - Spécial chambres froides

17W driver LED	4000K	LED board	II	60 000h	1800	0.707.80		T2	
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MICROWAVE

10W driver LED	3000K	LED board	II	60 000h	720	0.707.11		T1	MW fixe type A**
10W driver LED	4000K	LED board	II	60 000h	1000	0.707.05	0.708.01	T1	MW fixe type A**
17W driver LED	3000K	LED board	II	60 000h	1350	0.707.61		T2	MW fixe type A**
17W driver LED	4000K	LED board	II	60 000h	1800	0.707.55	0.708.51	T2	MW fixe type A**
17W driver LED - UP*	4000K	LED board	II	60 000h	1800	0.707.71		T2	MW réglable

ALASKA - Spécial chambres froides

17W driver LED	4000K	LED board	II	60 000h	1800	0.707.81		T2	MW fixe type A**
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* UP : IP55

** hyperfréquence fixe type A :

- Seuil luminosité = 150 lux

- Temporisation = 30 sec

- Rayon de détection = 1.5 m

Alaska versions:

Thanks to special cold room technology, Vernosc Alaska versions have an operating temperature of up to -30°C

TECHNICAL DATA

- Polycarbonate body and diffuser.
- Easy assembly: 2 fixing points including 2 with possible adjustment.

RAL colours : **on request**

The color rendering shown may vary slightly depending on the series and material

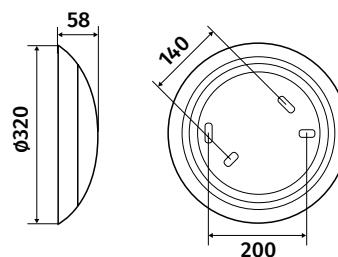
SIZE (MM)

T1



SIZE (MM)

T2





Warranty
5
years

LED
board



OPTION

THE STANDARD OF THE BULKHEAD

Basic and functional bulkhead suitable for indoor and outdoor lighting under shelters.

Body and rim are made of polypropylene, 2 types of diffusers are available: glass or PMMA.

1/4 turn opening, ideal assembly in renovation thanks to the 8 fixing points with catch-up of play and pre-cuts designed for the cable duct.



Option



FUNCTIONAL

Balconies Technical premises

Horizontal circulations

Residentiel Co-ownership

RAL
9003RAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Black	Diffuseur Verre	Diffuseur PC (antivandale)
-----------	-----	--------------	-------	-------------------------	--------------------	-------	-------	-----------------	----------------------------

ON/OFF

1 x 100 W HAL maxi, delivered without lamp*	-	E27	II	-	-	0.788.17	0.788.18	X	
1 x 100 W HAL maxi, delivered without lamp*	-	E27	II	-	-	0.788.47	0.788.48		X

MICROWAVE

1 x 60 W HAL maxi, delivered without lamp*	-	E27	II	-	-	0.783.04	0.783.85	X	
1 x 60 W HAL maxi, delivered without lamp*	-	E27	II	-	-	0.788.06	0.788.07		X
15W driver LED	4000K	LED board	II	50 000h	1700	0.782.21	-		X

24/24H

15W driver LED 24/24h	4000K	LED board	II	50 000h	1700	0.782.20	-		X
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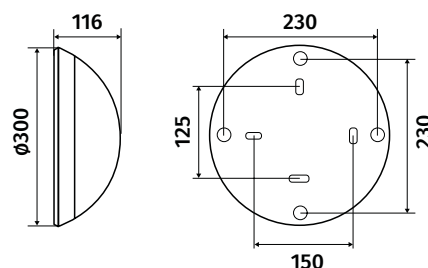
* see references lamp E27 p.226, if non-LED lamp, wall mounting only

TECHNICAL DATA

- 1/4 turn
- Polycarbonate body and rim.
- Glass or polycarbonate diffuser.
- 8 drilling wells to facilitate the resumption of renovation.
- Pre-cuts for molding 32 x 12.5 mm.



SIZE (MM)



Warranty
5
years


**Made in
France**

LED
board



D2L

**PRACTICAL
AND COMPACT
SIMPLICITY**

Ultra compact and anti-vandal, the D2L and its one-piece design is shock resistant.

Its simplicity of installation makes it an ideal luminaire for renovation.

New: now available in fixed microwave version.



D2L

Bulkheads



COMPACT

- Car park
- Technical premises
- Vandal-resistant
- Facade
- Residentiel
- Tertiary



RAL 9003

RAL 9003

RAL 9005

RAL 7021

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	Without flange	With flange	With flange	With flange
-----------	-----	--------------	-------	-------------------------	--------------------	----------------	-------------	-------------	-------------

ON/OFF

15W driver LED	4000K	LED board	II	60 000h	1200	0.777.00	0.777.10	0.777.11	0.777.12
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MICROWAVE FIXE TYPE A*

15W driver LED	4000K	LED board	II	60 000h	1200	0.777.05	-	-	-
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FLANGE

Flange D2L color						-	0.777.51	0.777.52	0.777.53
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- *Fixed microwave type A:
- Brightness threshold = 150 lux
 - Timeout = 30 sec
 - Detection radius = 1.5 m



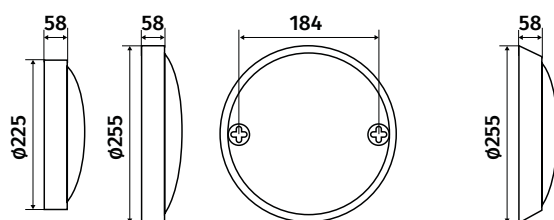
RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

TECHNICAL DATA

- 2 fixing points + screw cover.
- One-piece polycarbonate body and diffuser.
- Optional polycarbonate collar.
- 2 pre-cuts for molding 32 x 12.5 mm or 16 mm tube.



SIZE (MM)



Avec colerette





Extra-plat Rond

ORCADE EXTRA-THIN

LIGHT ALL IN
FINESSE

A bulkhead with a fine and refined design, the Orcade extra-thin blends into the décor for comfortable lighting.

Its round or square format fits perfectly into modern architecture.



Orcade extra-thin

ULTRA THIN

Rooms Horizontal circulations

Balconies Résidentiel Tertiary



Extra-thin square

RAL
9003

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Size
-----------	-----	--------------	-------	-------------------------	--------------------	-------	------

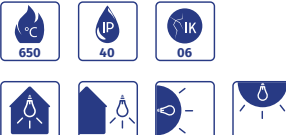


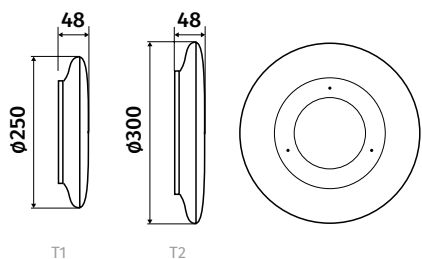
ROUND

12W driver LED	4000K	LED board	II	60 000h	1180	0.750.20	T1
18W driver LED	4000K	LED board	II	60 000h	1700	0.750.21	T2




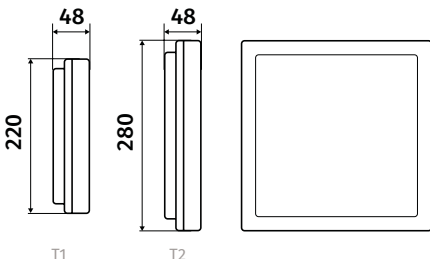
SQUARE

15W driver LED	4000K	LED board	II	25 000h	1480	0.750.05	T1
18W driver LED	4000K	LED board	II	25 000h	1820	0.750.06	T2

ORCADE EXTRA FLAT ROUND

<p>TECHNICAL DATA</p> <ul style="list-style-type: none"> • Opal polycarbonate diffuser. • Fixing 1/4 of turns.   	<p>SIZE (MM)</p>  <p>T1 T2</p>
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ORCADE EXTRA FLAT SQUARE

<p>TECHNICAL DATA</p> <ul style="list-style-type: none"> • Opal polycarbonate diffuser. • Clip mounting.   	<p>SIZE (MM)</p>  <p>T1 T2</p>
---	---





Orcade Rond

ORCADE RÉTRO ALU

THE IDEAL RETRO
BULKHEADS
OUTDOORS

LED range in cast aluminum, robust, designed for the lighting of outdoor circulations and facades.

2 models are available to cover all configurations.



Orcade Oval

EXTERNAL

Car park	Technical premises	
Facade	Residentiel	Tertiary
Co-ownership		

Orcade
rétro aluRAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	Black
ROUND						
18W driver LED	4000K	LED board	I	20 000h	900	0.750.10
OVAL						
18W driver LED	4000K	LED board	I	20 000h	850	0.750.15

ORCADE RÉTRO ALU ROUND

<p>TECHNICAL DATA</p> <ul style="list-style-type: none"> • Cast aluminum body. • Polycarbonate diffuser. • Fixing by 2 or 4 points. 	<p>SIZE (MM)</p>
---	-------------------------

ORCADE RÉTRO ALU OVAL

<p>TECHNICAL DATA</p> <ul style="list-style-type: none"> • Cast aluminum body. • Polycarbonate diffuser. • Fixation by 2 points. 	<p>SIZE (MM)</p>
--	-------------------------





PURE CUBE

A CONTEMPORARY
TOUCH

The new Pure Cube bulkhead with a square design completes the range. Available.



Pure Cube



CONTEMPORAIN

Parkings Technical premises
Façade Résidentiel Tertiaire
Co-ownership

pure
by lebenoid

RAL
9005

Puissance (W)	CCT	Source	Classe	Durée de vie L70B50	Luminous flux source (lm)	Noir
1 x 70W maxi, livré sans lampe**	-	E27	I	-	-	0.745.00

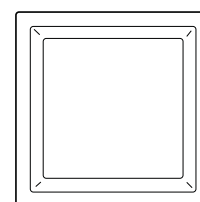
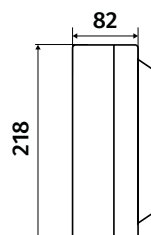
* voir références ampoule E27 seules p.226

TECHNICAL DATA

- Cast aluminum body.
- Polycarbonate diffuser.
- Fixing by 4 points.



SIZE (MM)



Warranty
5
yearsLED
board

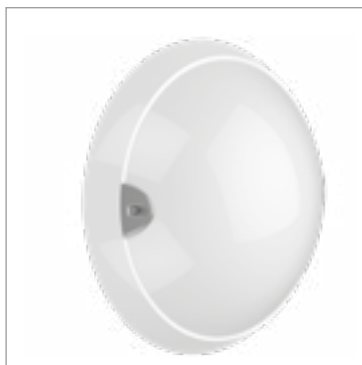
T2

PURE HORIZON

EFFICIENCY MADE SIMPLE

Functional and efficient LED hublot. The Horizon bulkhead offers an economical solution for a controlled budget.

Available in two sizes and microwave version with configurable twilight setting for better control.



T1

ECONOMIC

Horizontal circulations	Tertiary
Vertical circulations	Co-ownership
Technical premises	Residentiel
Car park	Balconies

pure
by lebenoid

Pure Horizon

RAL
9003

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Size	Détecteur
-----------	-----	--------------	-------	-------------------------	--------------------	-------	------	-----------

ON/OFF

1 x 12W maxi, delivered without lamp*	-	E27	II	-	-	0.741.50	T1	
1 x 11W LED	4000K	E27	II	30 000h	950	0.741.52	T1	
15W driver LED	4000K	LED board	II	45 000h	1900	0.741.60	T1	
2 x 12W maxi, delivered without lamp*	-	E27	II	-	-	0.741.00	T2	
2 x 11W LED	4000K	E27	II	30 000h	1350	0.741.02	T2	
21W driver LED	4000K	LED board	II	45 000h	2200	0.741.10	T2	

MICROWAVE

1 x 12W maxi, delivered without lamp*	-	E27	II	-	-	0.741.51	T1	MW fixe type A**
1 x 11W LED	4000K	E27	II	30 000h	950	0.741.53	T1	MW fixe type A**
15W driver LED	4000K	LED board	II	45 000h	1900	0.741.61	T1	MW fixe type A**
2 x 12W maxi, delivered without lamp*	-	E27	II	-	-	0.741.01	T2	
2 x 11W LED	4000K	E27	II	30 000h	1350	0.741.03	T2	
21W driver LED	4000K	LED board	II	45 000h	2200	0.741.11	T2	

* see references lamp E27 p.226

** fixed microwave type A:

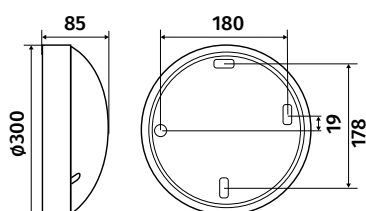
- Brightness threshold = 150 lux
- Timeout = 30 sec
- Detection radius = 1.5 m

DONNÉES TECHNIQUES

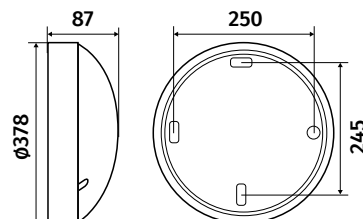
- Corps en fonte d'aluminium.
- Montage facile : 2 ou 3 points de fixation selon modèles avec rattrapage de jeu.

**DIMENSIONS (MM)**

T1

**DIMENSIONS (MM)**

T2





Warranty
5
years

Bulkheads



SOLA

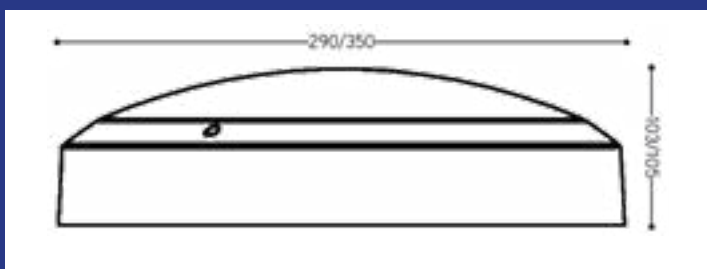
WALL AND CEILING LIGHT FITTING

Different functions and combinations are available

- Without sensor
- Without sensor and emergency unit 3 h
- With microwave sensor
- Wireless master/slave function
- With sensor and emergency unit 3 h

Possible settings

- Detection sensitivity up to 12 metres
- Sensitivity 10, 50, 75 and 100%
- Timer settings: 30s or 3 min
- Light intensity in stand-by: 10 or 30%
- Daylight sensor: OFF, 2, 10 or 50 Lux
- Switch-off time after dimming: 0s, 30s, 10min
- Emergency unit with environmentally friendly LifePO batteries: 1 h 6W or 3 h 3W, 250lm
- Battery warranty 3 years





Sola

Impact-resistant housing IP65 and IK10
 Wide choice of functions (sensor, emergency)
 Wireless master/slave function
 Finish in ivory RAL9003 or black RAL9011 (only 18W)
 Quick install thanks to tilting LED PCB
 Including silicone caps for screw holes

 RAL
9003

 RAL
9011

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
WITHOUT SENSOR								
SO103	Sola 10W	10	3000	65	998	290	290	103
SO183	Sola 18W	18	3000	65	1450	290	290	103
SO183B	Sola 18W black base	18	3000	65	1450	290	290	103
SO283	Sola 28W	28	3000	65	2200	350	350	105
SO104	Sola 10W	10	4000	65	1031	290	290	103
SO184	Sola 18W	18	4000	65	1550	290	290	103
SO184B	Sola 18W black base	18	4000	65	1550	290	290	103
SO284	Sola 28W	28	4000	65	2300	350	350	105
WITH HYPERFREQUENCY SENSOR								
SO103STM	Sola 10W sensor	10	3000	65	998	290	290	103
SO183STM	Sola 18W sensor	18	3000	65	1450	290	290	103
SO283STM	Sola 28W sensor	28	3000	65	2200	350	350	105
SO104STM	Sola 10W sensor	10	4000	65	1031	290	290	103
SO184STM	Sola 18W sensor	18	4000	65	1550	290	290	103
SO284STM	Sola 28W sensor	28	4000	65	2300	350	350	105
MASTER/SLAVE								
SO183RFM	Sola 18W master + slave	18	3000	65	1450	290	290	103
SO283RFM	Sola 28W master + slave	28	3000	65	2200	350	350	105
SO183RFD	Sola 18W slave	18	3000	65	1450	290	290	103
SO283RFD	Sola 28W slave	28	3000	65	2200	350	350	105
SO184RFM	Sola 18W master + slave	18	4000	65	1550	290	290	103
SO284RFM	Sola 28W master + slave	28	4000	65	2300	350	350	105
SO184RFD	Sola 18W slave	18	4000	65	1550	290	290	103
SO284RFD	Sola 28W slave	28	4000	65	2300	350	350	105
WITH UNIT RESCUED LIGHTING 3H								
SO103EME	Sola 10W rescued lighting 3h	10	3000	65	998	290	290	103
SO183EME	Sola 18W rescued lighting 3h	18	3000	65	1450	290	290	103
SO283EME	Sola 28W rescued lighting 3h	28	3000	65	2200	350	350	105
SO104EME	Sola 10W rescued lighting 3h	10	4000	65	1031	290	290	103
SO184EME	Sola 18W rescued lighting 3h	18	4000	65	1550	290	290	103
SO284EME	Sola 28W rescued lighting 3h	28	4000	65	2300	350	350	105
WITH MW SENSOR AND 3H RESCUED LIGHTING UNIT (NOTE: WARRANTY ON LIFEPO BATTERIES = 3 YEARS)								
SO103SDE	Sola 10W sensor + rescued lighting 3h	10	3000	65	998	290	290	103
SO183SDE	Sola 18W sensor + rescued lighting 3h	18	3000	65	1450	290	290	103
SO283SDE	Sola 28W sensor + rescued lighting 3h	28	3000	65	2200	350	350	105
SO104SDE	Sola 10W sensor + rescued lighting 3h	10	4000	65	1031	290	290	103
SO184SDE	Sola 18W sensor + rescued lighting 3h	18	4000	65	1550	290	290	103
SO284SDE	Sola 28W sensor + rescued lighting 3h	28	4000	65	2300	350	350	105





DISC

ELEGANT AND CLEAN-LINED

Stylish surface-mounted IP54 luminaire with impact-resistant polycarbonate IK10 housing.

Equipped with SMD2835 LEDs on an aluminium PCB and a flicker-free driver. Cable inlets are provided on the top and side.

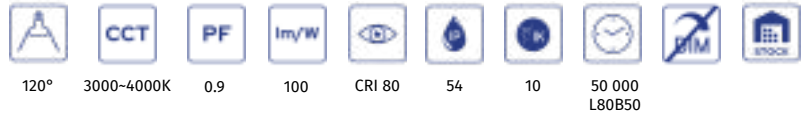
Thanks to the separate assembly base and the screwless connection blocks the light fitting can be installed in no time at all.

Black RAL9004



RAL 9003

RAL 9004



Disc

Stylish surface-mounted luminaire with low construction height
 Impact-resistant polycarbonate housing IP54 and IK10 10W or 22W
 available Wide choice of functions (sensor and/or rescued lighting)
 Quick installation with separate base



Reference White RAL9003	Reference Black RAL9004	Watt	CCT	IP	Lumen	L	l	H
WITHOUT SENSOR								
DISC103W	DISC103B	10	3000	54	1091	320	320	54,5
DISC203W	DISC203B	22	3000	54	2200	320	320	54,5
DISC104W	DISC104B	10	4000	54	1127	320	320	54,5
DISC204W	DISC204B	22	4000	54	2244	320	320	54,5
WITH HYPERFREQUENCY SENSOR								
DISC103WSTM	DISC103BSTM	10	3000	54	1091	320	320	54,5
DISC203WSTM	DISC203BSTM	22	3000	54	2200	320	320	54,5
DISC104WSTM	DISC104BSTM	10	4000	54	1127	320	320	54,5
DISC204WSTM	DISC204BSTM	22	4000	54	2244	320	320	54,5
WITH UNIT RESCUED LIGHTING 3H								
DISC203WEME	DISC203BEME	22	3000	54	2200	320	320	54,5
DISC204WEME	DISC204BEME	22	4000	54	2244	320	320	54,5
WITH MW SENSOR AND 3H RESCUED LIGHTING UNIT								
DISC203WSDE	DISC203BSDE	22	3000	54	2200	320	320	54,5
DISC204WSDE	DISC204BSDE	22	4000	54	2244	320	320	54,5

Remark : Warranty for LifePO batteries = 3 years





Hublot 62

lébénoid

RAL
9003

Equipment	Source	Class	White
-----------	--------	-------	-------

ON/OFF

H62 ROUND 1x70W, delivered without lamp*	E27	II	0.777.64
H62 ROND 1x70W, delivered without lamp* with grid protection	E27	II	0.777.82
H62 ROND 1x70W, delivered without lamp* **	E27	II	1.777.64

* see references lamp E27 p.226

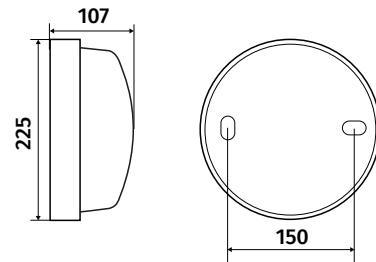
** delivery by 5 pieces

TECHNICAL DATA

- Polypropylene rim.
- Glass diffuser.
- Opening 1/4 turn.
- 3 pre-cuts for molding 32 x 12.5 mm or tube diam 20 mm.



SIZE (MM)



Ovale Grille

lébénoid

RAL
9003

Equipment	Light source	Class	White
-----------	--------------	-------	-------

ON/OFF

OVALE without fixing legs 1x42W delivered without lamp*	E27	II	0.753.11
OVALE without fixing legs 1x42W delivered without lamp*	E27	II	0.753.02

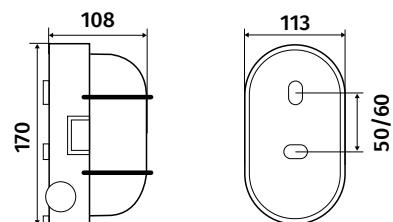
* see references lamp E27 p.226

TECHNICAL DATA

- Polypropylene rim.
- Glass diffuser.
- 2 pre-cuts or tapped inlets for tube or towrest.



SIZE (MM)





Traditional Bulkheads



SUPER 62

RAL
9003RAL
9005

Equipement	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Black
------------	-----	--------------	-------	-------------------------	--------------------	-------	-------

ON/OFF

SUPER 62 E27 1x42W, delivered without lamp*	-	E27	II	-	-	0.786.64	0.786.65
SUPER 62 E27 1x10W LED	3000k	E27	II	30 000h	500	0.786.94	0.786.95

MICROWAVE

SUPER 62 E27 9W LED	3000k	E27	II	30 000h	500	0.786.96	
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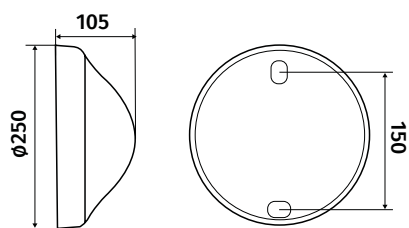
* see references lamp E27 p.226

TECHNICAL DATA

- Polypropylene rim.
- Polycarbonate diffuser.
- Opening 1/4 turn.
- 2 pre-cuts for molding 32 x 12.5 mm or tube diam 20 mm.



SIZE (MM)





Wall lights.

Size	mm
Protection indice	IP IK
Vandal-resistant	
Luminous flux	lm
Safety	Glow-wire resistance
Light source	Platine Led E27
Material	
Fonction	Oriented flow

The wall light is used to mark an area or create ambient lighting. Less voluminous than a bulkhead, it can also allow the contribution of a light point in small spaces.

On a balcony, in a bedroom, on a façade or a reception area, our wide choice of wall light opens the field of possibilities.



Wall lights guideline

Wall lights
Lanterns

							
Sextan applique	Atoll Ovale	Lips	Dune	Arche Circle	Arche applique	Arche Papillon	Arche rectangle
372 x 166 x 111.5 372 x 102 x 167.5	240 x 330 x 114	378 x 157 x 99	245 x 117	200 x 90 x 243	180 x 154 x 90	220 x 77 x 90	209 x 27 x 79
IP44	IP44 / IP55	IP54	IP54	IP65	IP65	IP65	IP65
IK02	IK04/10	IK07	IK10	IK10	IK06	IK10	IK08
—	—	—	—	—	—	—	—
500	—	500	500	1200	350	250	280
850°C	650°C	650°C	650°C	650°C	650°C	650°C	650°C
—	—	—	—	—	YES	YES	YES
YES	YES	YES	YES	YES	—	—	—
Aluminium + Glass	Polycarbonate	Polycarbonate	Polycarbonate	Aluminium	Aluminium	Aluminium	Polycarbonate
YES	—	YES	—	YES	YES	YES	—

P.46

P.48

P.50

P.52

P.54

P.54

P.54

P.54



Lanterns P.56





Made in France

Wall lights
Lanterns



Version Droit / haut

SEXTAN APPLIQUE

DESIGN LIGHTING
FOR ALL
ENVIRONNEMENTS

In addition to the Sextan Premium bulkhead range, this wall light offers 2 flux orientations to modulate the atmospheres:

- Direct and indirect lighting up
- Indirect lighting up and down

Its design combining cast aluminum and glass is particularly suitable for the areas to be enhanced: reception areas, hotel rooms, waiting rooms...



Sextan wall lights

Wall lights
Lanterns



DESIGN

Halls	Waiting room	
Reception	Tertiary	Co-ownership
Room	Hotel	Balconies



Top / Bottom Version

RAL 9003	RAL 9007	RAL 7039	RAL 9005
----------	----------	----------	----------

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Light grey	Darker grey	Black
-----------	-----	--------------	-------	-------------------------	--------------------	-------	------------	-------------	-------

RIGHT / TOP

1 x 9W LED,	3000K	E27	I	30 000h	500	0.716.09	0.716.19	0.716.29	0.716.39
-------------	-------	-----	---	---------	-----	----------	----------	----------	----------

TOP / BOTTOM

1 x 9W LED	3000K	E27	I	30 000h	500	0.715.09	0.715.19	0.715.29	0.715.39
------------	-------	-----	---	---------	-----	----------	----------	----------	----------

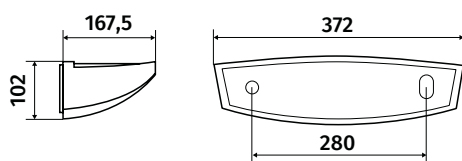
TECHNICAL DATA

- Wall mounting.
- Cast aluminum body.
- Glass diffuser.
- Flow orientations: Up + Down or High + Right.
- Fixing 2 points with possible adjustment.

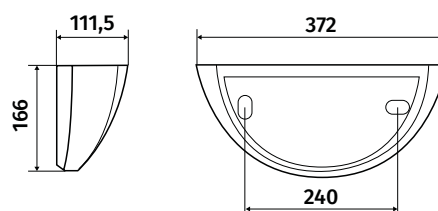


RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

SIZE (MM) UP/DOWN



SIZE (MM) RIGHT/HIGH






Made in
France

Wall lights
Lanterns



Atoll simple

ATOLL OVAL

THE FUNCTIONAL WALL LIGHT

The Atoll oval wall lamp is ideal for illuminating building entrances and corridors.

Available with a steerable infrared motion detector, the Atoll oval offers a real comfort of use.



Atoll oval

Wall lights
Lanterns



ASTUTE

Entrance Facade

Residentiel Tertiary

Co-ownership



Atoll oval with detector

RAL
9003

RAL
9005

Power (W)	CCT	Light source	Class	White	Black
-----------	-----	--------------	-------	-------	-------

ON/OFF

1x52W HAL maxi, delivered without lamp*	-	E27	II	0.795.10	0.795.11
---	---	-----	----	----------	----------

INFRARED

1x52W HAL maxi, delivered without lamp*	-	E27	II	0.795.50	0.795.51
Detection angle reducer (hiding detection areas)				708.469	-

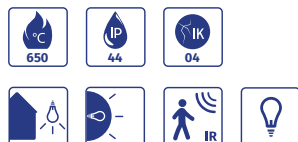
* see references lamp E27 p.226



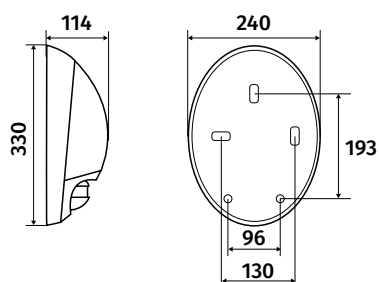
RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

TECHNICAL DATA

- Wall mounting.
- Polycarbonate body and diffuser.
- Adjustable infrared detector.
- Fixing 2 points with possible adjustment.



SIZE (MM)





Version Face

LIPS

DECORATIVE AMBIENT LIGHTING

The wall light Lips offers several choices of atmosphere thanks to its different variations.

This range is ideal for warm and friendly atmospheres especially in the tertiary and residential sectors.



Lips

Wall lights
Lanterns



Face



Bandeau



Visière

FLEXIBLE

Room

Halls

Waiting room

Residentiel

Tertiary

Co-ownership

RAL
9003

RAL
9007

RAL
7039

RAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Light grey	Darker grey	Black
-----------	-----	--------------	-------	-------------------------	--------------------	-------	------------	-------------	-------

FACE

1 x 20W maxi., delivered without lamp*	-	E27	II	-	-	0.786.00	0.786.06	-	0.786.03
1 x 10W - LED	3000	E27	II	35 000h	500	0.766.02	0.766.12	0.766.17	0.766.07

BANDEAU

1 x 20W maxi., delivered without lamp*	-	E27	II	-	-	0.786.02	0.786.08	0.786.11	0.786.05
1 x 10W - LED	3000	E27	II	35 000h	500	0.766.62	0.766.72	0.766.77	0.766.67

VISIÈRE

1 x 20W maxi., delivered without lamp*	-	E27	II	-	-	0.786.01	0.786.07	0.786.10	0.786.04
1 x 10W LED	3000	E27	II	35 000h	500	0.766.32	0.766.42	0.766.47	0.766.37

* see references lamp E27 p.226



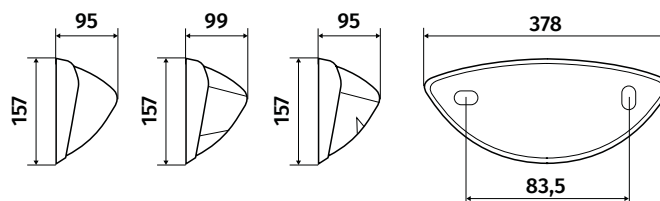
RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

TECHNICAL DATA

- Wall mounting.
- Polycarbonate body and diffuser.
- Flow orientations: Face - Up + down - Up + face.
- Fixing 2 points with possible adjustment.



SIZE (MM)



In general and except in special cases, our products are not intended for permanent or continuous operation. It is recommended to use our products on timer or with presence detector (integrated or remote) in order to preserve their lifespan. Light sources. All our luminaires come with their source(s) (unless otherwise stated).



www.lebenoid.fr



Made in France

Wall lights
Lanterns



Version Simple

DUNE

MULTIFACETED LIGHTING

Dune combines the softness of warm light for users and quick installation for installers.

Available in 2 colors and 4 designs, Dune provides a response adapted to the lighting of entrances, halls, facades and balconies of buildings.



Dune

Wall lights
Lanterns



Casquette



Grille



Visière

CLASSIC

Facade

Halls

Balcon

Residentiel

Housing

Co-ownership

RAL
9003

RAL
9005

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Black
-----------	-----	--------------	-------	-------------------------	--------------------	-------	-------

SIMPLE

1x42W HAL, delivered without lamp*	-	E27	II	-	-	0.790.12	0.790.17
1x9W LED	3000K	E27	II	35 000h	500	0.761.12	0.761.13

VISIÈRE

1x42W HAL, delivered without lamp*	-	E27	II	-	-	0.790.63	0.790.64
1x10W LED	3000K	E27	II	35 000h	500	0.761.52	0.761.53

CASQUETTE

1x42W HAL, delivered without lamp*	-	E27	II	-	-	0.792.59	0.792.60
1x10W LED	3000K	E27	II	35 000h	500	0.761.72	0.761.73

GRILLE

1x42W HAL, delivered without lamp*	-	E27	II	-	-	0.790.49	0.790.50
1x10W LED	3000K	E27	II	35 000h	500	0.761.32	0.761.33

* see references lamp E27 p.226



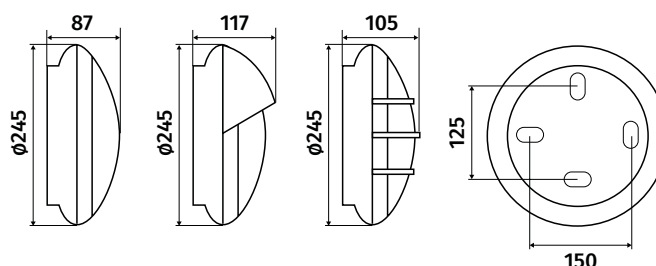
RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

TECHNICAL DATA

- Polycarbonate body and diffuser.
- 3 designs.
- Fixing 2 or 4 points.



SIZE (MM)



In general and except in special cases, our products are not intended for permanent or continuous operation. It is recommended to use our products on timer or with presence detector (integrated or remote) in order to preserve their lifespan. Light sources. All our luminaires come with their source(s) (unless otherwise stated).



www.lebenoid.fr



Version Papillon

ARCHE

ARCHITECTURAL LIGHTING

Available in 4 contemporary designs, the Arche range offers a variety of lighting that fits perfectly into any atmosphere.

The compact size of these luminaires meets all configurations, including the narrowest ones.

For a touch of originality, the Rectangle and Papillon models are also available in white.



Arche



Wall lights
Lanterns



Arche Circle



Arche Applique



Arche Rectangle

ORIGINAL

Balcon

Halls

Waiting room

Horizontal circulations

Facade

Reception

Tertiary

Co-ownership

RAL
9005

RAL
9003

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	Black	White
-----------	-----	--------------	-------	-------------------------	--------------------	-------	-------

ARCHE CIRCLE - ON/OFF

16W driver LED	4000K	LED board	I	25 000h	1200	0.750.40	
----------------	-------	-----------	---	---------	------	-----------------	--

ARCHE APPLIQUE - ON/OFF

10W driver LED	4000K	LED board	I	25 000h	350	0.750.45	
----------------	-------	-----------	---	---------	-----	-----------------	--

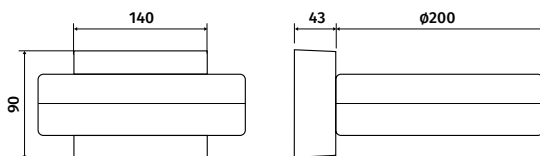
ARCHE RECTANGLE - ON/OFF

6W driver LED	4000K	LED board	II	35 000h	280	0.750.35	0.750.36
---------------	-------	-----------	----	---------	-----	-----------------	-----------------

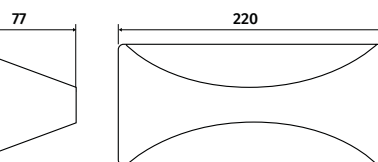
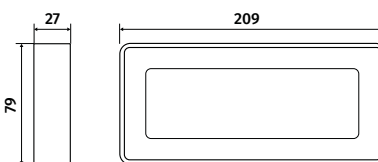
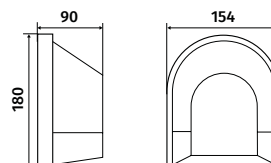
ARCHE PAPILLON - ON/OFF

6W driver LED	4000K	LED board	I	25 000h	250	0.750.37	0.750.38
---------------	-------	-----------	---	---------	-----	-----------------	-----------------

ARCHE CIRCLE



ARCHE APPLIQUE

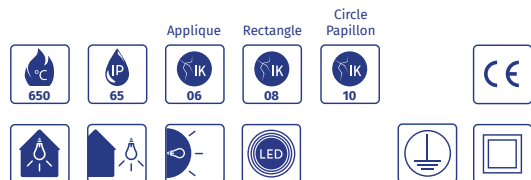


ARCHE RECTANGULAIRE

ARCHE PAPILLON

TECHNICAL DATA

- Cast aluminum body (except PVC Rectangle Arch)
- Long-lasting LED sources.
- Indoor/ Outdoor.
- 4 designs available.





Wall lights
Lanterns



LANTERNS

THE VINTAGE WALL LIGHT

This range of lighting with a vintage look will fit perfectly into balconies, facades and terraces in the traditional style.

These luminaires can be equipped with filament LED lamps for a touch of authenticity.



Lanternes



VINTAGE

Facades Cattle industry

Terraces Tertiary



Wall lights
Lanterns

RAL
9005

Power (W)	Light source	Class	Black	Version
-----------	--------------	-------	-------	---------

COL DE CYGNE

1x52W, delivered without lamp*	E27	II	0.735.19	
--------------------------------	-----	----	----------	--

SUSPENDUE

1x52W delivered without lamp*	E27	II	0.735.04	1 Inlet for cable gland
1x52W delivered without lamp*	E27	II	0.735.05	3 inlets per tip

Verrine lanterne à vis seule			0.735.13	
------------------------------	--	--	----------	--

* see references lamp E27 p.226

TECHNICAL DATA

- Polyamide structure.
- Enamelled steel lampshade.
- Glass diffuser.

750

44

07

SIZE (MM)
COL DE CYGNE

TECHNICAL DATA

- Polyamide structure.
- Glass diffuser.

750

44

07

SIZE (MM)
SUSPENDUE





Striplights.

For renovation

Our Vernosc and Eo sliders are designed for rehabilitation: Wiring and quick fixing or the possibility of taking over the drilling holes of the previous installed striplights are among their many advantages.

All applications

The different options available make it possible to find a solution to each configuration: under cabinet, above or around the mirror, with or without inclination, with switch, socket ... Equipping housing, camping or commercial premises has never been easier.




Solutions 100% LED

All our striplights now incorporate an LED light source, whether a light lamp, tube or board. Several levels of luminous flux will satisfy the most diverse applications.



Striplightss guideline

Striplights
BTH

				
		Vernosc	Éo	XÉo2
Size	mm	450 x 80 x 32	445 x 64 x 90	Variable according to source
Protection indices	IK	IK07	IK07	IK07
	IP	IP44	IP24	IP44
Luminous flux	lm	500-600	400-1000	540-1700
Safety	Glow-wire resistance	650 °C	650 °C	650 °C
Power	LED board	7,8W	10W	—
	S19 - LED	—	7W	—
	G13 LED	—	—	10W
	2G11 LED	—	—	18W
	2G7 fluo	—	11W	—
Additional features	Infrared detector	—	YES	YES
	Switch	Mechanical and tactile	Mechanics	Mechanics
	Socket LNE	—	YES	YES
	Transformer 230 V/20 A + 2 P razor socket	—	YES	YES

P.60

P.62

P.64





Warranty
5
years


**Made in
France**

LED
board

Striplights
BTH



VERNOSC

THE STRIPLIGHT
THAT SIMPLIFIES
INSTALLATION

Bathroom and kitchen ruler with a slim and compact design.

Designed for volume 2 installation, the Vernosc striplight is quick and easy to install.

The +:
Available with its renovation kit, this striplight cover all connection boxes on the market.



Vernosc



RENOVATION

- Bathroom
- Kitchen
- Washroom
- Housing
- Camping



RAL
9003

Striplights
BTH

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White
-----------	-----	--------------	-------	-------------------------	--------------------	-------

WITHOUT SWITCH

LED 7,8W	3000K	LED board	II	40 000h	500	0.551.01
LED 7,8W	4000K	LED board	II	40 000h	600	0.551.21

TACTIL SWITCH

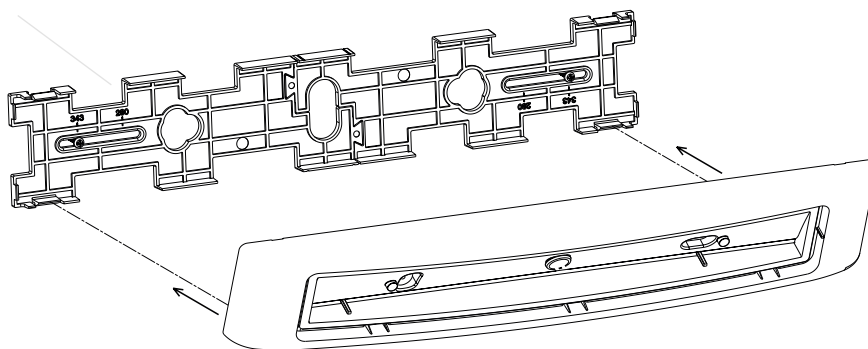
LED 7,8W	3000K	LED board	II	40 000h	500	0.551.03
LED 7,8W	4000K	LED board	II	40 000h	600	0.551.23

ACCESSORIES

Renovation kit - adjustable centre distance from 280 to 343 mm	0.551.99
--	-----------------

The + product:
Renovation in asbestos environment:
think about the renovation kit.

Renovation kit ref. : **0.551.99**



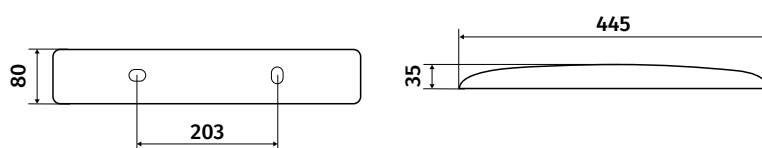
RAL colours : **on request**
 The color rendering shown may vary slightly depending on the series and material

TECHNICAL DATA

- Polycarbonate body and diffuser.
- 2 attachment points.
- Renovation kit.
- 3 pre-cuts for molding 32 x 12.5 mm.



SIZE (MM)





ÉO

THE TRADITIONAL STRIPLIGHT IN LED VERSION

This traditional and functional striplights can be used in different environments, e.g. elderly housing, social housing, hospitals, student residences...

Its LED version easy to position under a high cabinet, kitchen counter ... provides energy saving, security (does not heat) and ideal light for your bathrooms.

This wide range of striplight is available with several types of sources, with switch or infrared detector.

**RENOVATION**

Bathroom

Kitchen

Washroom

Housing

Camping



Equipement	CCT	Light source	Class*	Working lifespan L70B50	Luminous flux (lm)	Simple	Plug 16A LNE*	Transfo 230V 20VA + razor socket LN
------------	-----	--------------	--------	-------------------------	--------------------	--------	---------------	-------------------------------------

WITHOUT SWITCH

1x75W maxi, delivered without lamp**	-	S19	II ou I	-	-	0.552.11	0.552.14	0.552.17
Tube LED 7W	3000K	S19	II ou I	35 000h	400	0.553.11	0.553.14	0.553.17
Fluo 11W ballast élec.	4000K	2G7	II ou I		570	0.552.81	0.552.84	-
10W driver LED	3000K	LED board	II ou I	40 000h	500	0.553.01	0.553.04	-
10W driver LED	4000K	LED board	II ou I	40 000h	1300	0.553.31	0.553.34	-

WITH SWITCH

1x75W maxi, delivered without lamp**	-	S19	II ou I	-	-	0.552.13	0.552.15	0.552.18
Tube LED 7W	3000K	S19	II ou I	35 000h	400	0.553.13	0.553.15	0.553.18
Fluo 11W ballast élec.	4000K	2G7	II ou I		570	0.552.83	0.552.85	-
10W driver LED	3000K	LED board	II ou I	40 000h	500	0.553.03	0.553.05	-
10W driver LED	4000K	LED board	II ou I	40 000h	1300	0.553.33	0.553.35	-

INFRARED

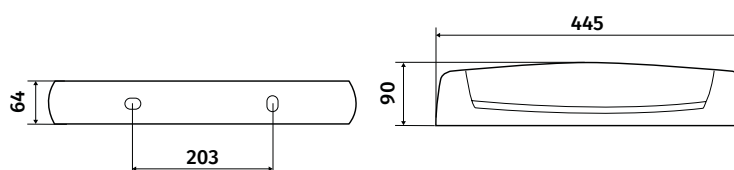
1x75W maxi, delivered without lamp**	-	S19	II	-	-	0.552.29	-	-
Tube LED 7W	3000K	S19	II	35 000h	400	0.553.19	-	-
Fluo 11W ballast élec.	4000K	2G7	II		570	0.552.89	-	-
Tube LED 7W	3000K	S19			450	0.799.67		

* **ATTENTION** : Striplights equipped with 16A LNE sockets = class I

** see references lamp E27 p.226

TECHNICAL DATA

- Polypropylene base.
- Opal polycarbonate diffuser.
- Easy mounting: 2 attachment points with possible adjustment.
- White RAL 9003.

**SIZE (MM)**



Striplights
BTH



XÉO2

THE FUNCTIONAL AND CUSTOMIZABLE STRIPLIGHT

With its innovative fastening system, this striplight adapts to all configurations thanks to these 4 possible types of installations.

This customizable range offers you different sockets and RAL colours on request to adapt to all needs.



Xéo2



MULTI FUNCTIONS

- Bathroom
- Kitchen
- Washroom
- Campings
- Hotellerie
- Housing



Striplights
BTH

Equipement	CCT	Light source	Class*	Working lifespan L70B50	Luminous flux (lm)	Simple	Socket 16A LNE*	Transfo 230V 20VA + razor socket LN
------------	-----	--------------	--------	-------------------------	--------------------	--------	-----------------	-------------------------------------

WITHOUT SWITCH

Lampe 18W LED	4000K	2G11	II ou I	35 000h	1700	0.557.11	0.557.14	0.557.17
Tube T8 10W LED	4000K	G13	II ou I	35 000h	540	0.557.91	0.557.94	0.557.97

WITH SWITCH

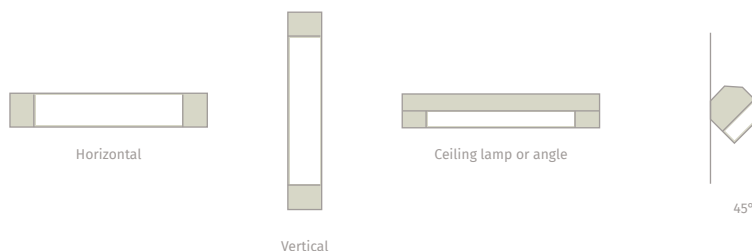
Lampe 18W LED	4000K	2G11	II ou I	35 000h	1700	0.557.13	0.557.15	0.557.18
Tube T8 10W LED	4000K	G13	II ou I	35 000h	540	0.557.93	0.557.95	0.557.98

INFRARED

Lampe 18W LED	4000K	2G11	II ou I	35 000h	1700	0.557.12	0.557.16	-
Tube T8 10W LED	4000K	G13	II ou I	35 000h	540	0.557.92	0.557.96	-

* **ATTENTION** : striplights equipped with 16A LNE sockets = class I

4 POSSIBLE TYPES OF INSTALLATIONS:



RAL colours : **on request**
The color rendering shown may vary slightly depending on the series and material

TECHNICAL DATA

- Polycarbonate base and diffuser.
- Opal polycarbonate diffuser.
- Easy implementation thanks to an access hatch.
- Master-slave operation possible on versions „simple“ (without switch or power outlet).
- In order to guarantee the life of the tubes, do not install the XÉo2 striplight on timer.



SIZE (MM)

Center (tube)	110
A	700
Endeuds ouvert	700
B	110
C	70
D	62
E (entraxe)	542
F (entraxe de câble)	700
Boquilla	013/2011





LED panels.



LED panels guideline

LED panels



	Bright	QT	QTU	Manga U	Pure Evocation
Power	36W	36W	36W	50W	36W
Max. output	4280lm	3975lm	3972lm	5886lm	2600lm
Lm/W up to	130	115	115	130	100
UGR	<19	>19	17	17 (36W) 19 (50W)	<19
CRI	82	82	82	82	80
Light guiding plate	-	PMMA	PMMA	PMMA	PMMA
Diffuser	PS	PS	PET	PET	PS
Working lifespan	50 000 L80B20	50 000 L80B20	50 000 L80B20	65 000 L80B20	60 000 L70B50

P.68

P.70

P.70

P.72

P.78

Panels Drivers P.74

Accessories P.76





LED panels.



LED panels guideline

LED panels



Model	Bright	QT	QTU	Manga U	Pure Evocation
Power	36W	36W	36W	50W	36W
Max. output	4280lm	3975lm	3972lm	5886lm	2600lm
Lm/W up to	130	115	115	130	100
UGR	<19	>19	17	17 (36W) 19 (50W)	<19
CRI	82	82	82	82	80
Light guiding plate	-	PMMA	PMMA	PMMA	PMMA
Diffuser	PS	PS	PET	PET	PS
Working lifespan	50 000 L80B20	50 000 L80B20	50 000 L80B20	65 000 L80B20	60 000 L70B50

P.68

P.70

P.70

P.72

P.78

Panels Drivers P.74

Accessories P.76





Warranty
5
years

LED panels

QT&QTU

INTENSIVE WORK ENVIRONMENTS

The QT/QTU series is the ultimate standard for a clean-lined and high-performance ENEC-approved LED panel with narrow edges only 20 mm wide. The QT is fitted with a standard PS diffuser, while the QTU is supplied with a PET microprismatic UGR17 diffuser that is almost indistinguishable from a standard diffuser. The housing is IP40 and fitted with pre-assembled brackets for pendant mounting or anti-fall protection

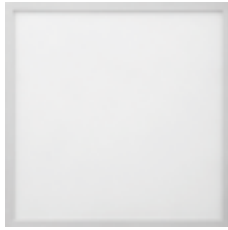
Supplied without driver.
Suitable for 30W 750 mA or 36W 900 mA driver.



QT

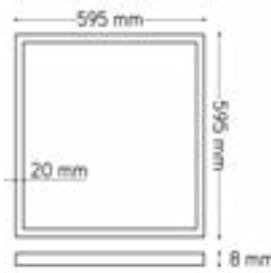


QTU Microprismatic diffuser



QT

216 SMD4014 LEDs
Up to 115lm/W IP40
PS diffuser



05 120° 3000-4000K 115 CRI >82 40 UGR >19 07 50 000 L80B20

Reference	Watt	CCT	Lumen	L	l	H
QT60603630	36	3000	3875	595	595	8
QT60603640	36	4000	3975	595	595	8
QT301203630	36	3000	3875	295	1195	8
QT301203640	36	4000	3975	295	1195	8

Drivers

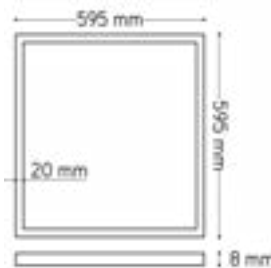
Reference	Watt	Max. Lumen	Dim
QTD30W5	30	3318	No
QTD36W5	36	3975	No
UNIDRIVER36	36	3975	TRIAC/1-10V/DALI2/Push* Amplitude dim

* Push only for luminaire



QTU

216 SMD4014 LEDs
Up to 115lm/W
IP40
PET diffuser UGR
17 (30~36W)



05 90° 3000-4000K 115 CRI >82 40 UGR 17 07 50 000 L80B20

Reference	Watt	CCT	Lumen	L	l	H
QTU60603630	36	3000	3828	595	595	8
QTU60603640	36	4000	3972	595	595	8
QTU301203630	36	3000	3828	295	1195	8
QTU301203640	36	4000	3972	295	1195	8

Drivers

Reference	Watt	Max. Lumen	Dim
QTD30W5	30	3373	No
QTD36W5	36	3972	No
UNIDRIVER36	36	3972	TRIAC/1-10V/DALI2/Push* Amplitude dim

* Push only for luminaire



Warranty
5
years

LED panels

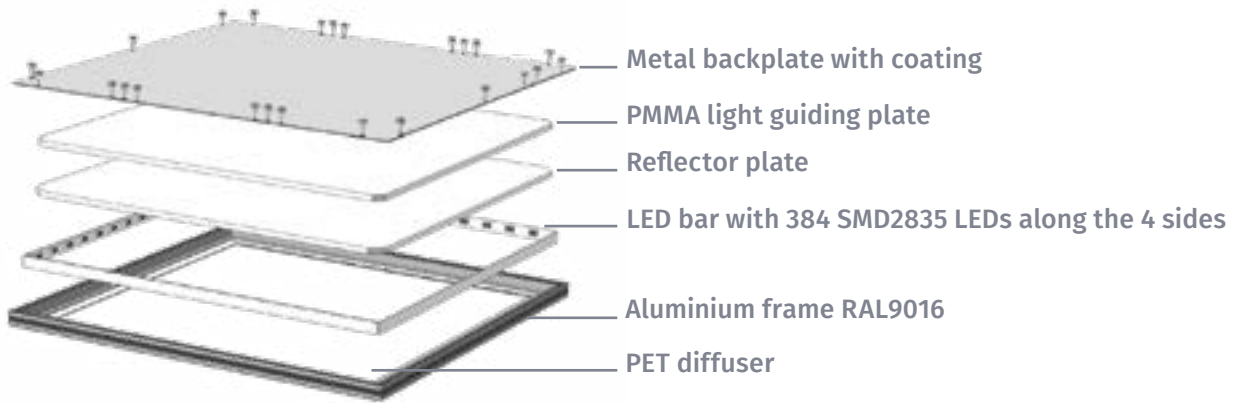


MANGA U

EXTREMELY HIGH LIGHT LEVEL

High-end LED panel with LEDs along the 4 sides, a total of 384 SMD2835 LEDs controlled on a very low current. Light output according to selected power 30, 36, 40 or 50W, efficiency up to 130lm/W. Extremely strong housing 13 mm thick. PET UGR17 diffuser with a very fine micro-prismatic structure so the difference with a standard diffuser is barely noticeable.

Always separately order a driver for each panel. UGR17 with 30~36W driver, UGR<19 with 40~50W driver (UNIDRIVER50).

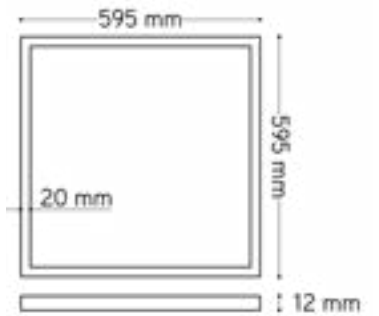


LED panels



Manga U

384 SMD2835 LEDs
Up to 130lm/W IP40
PET diffuser UGR17 @ 30W
Working life 65,000 h L80B20



05

90°	3000-4000K	130	CRI 82	40	UGR 17 @ 30W	07			65 000 L80B20

Reference	Watt	CCT	Lumen	L	l	H
MAU60605030	30-50	3000	5650	595	595	12
MAU60605040	30-50	4000	5886	595	595	12
MAU301205030	30-50	3000	5759	295	1195	12
MAU301205040	30-50	4000	5886	295	1195	12

Drivers

Reference	Watt	Max. Lumen	Dim
QTD30W5	30	3651	No
QTD36W5	36	4427	No
UNIDRIVER36	36	4427	TRIAC/1-10V/DALI2/Push* Amplitude dim
UNIDRIVER50	50	5886	1-10V/DALI2

* Push only for luminaire





DRIVERS LED PANELS

Choose the right driver for your LED panel.

- Non-dimming driver 30W or 36W ENEC-approved
- UNIDRIVER36: universal driver 36W dimmable with TRIAC/1-10V/DALI2/Push Amplitude dimming = no PWM output signal = no flicker or stroboscopic effect!
- UNIDRIVER50: universal driver 50W dimmable with 1-10V/DALI2/Push

Driver	Watt	Dimming	Suitable for panel
QTD30W5	30	No	Bright/QT/QTU/Manga U
QTD36W5	36	No	Bright/QT/QTU/Manga U
UNIDRIVER36	36	TRIAC/1-10V/DALI2/Push	Bright/QT/QTU/Manga U
UNIDRIVER50	50	1-10V/DALI2	Manga U

* Push only for luminaire

UNIDRIVER36 :

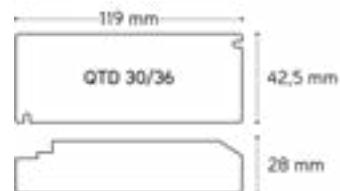
Universal LED driver

Dimmable TRIAC/1-10V/DALI2/Push Adjustable output current 350-1000mA

Amplitude dimming = no PWM output signal No flicker or stroboscopic effect!

Drivers not dimmable

Reference	Description	Watt	Dim	L	l	H
QTD30W5	Drive 30W ENEC not dimmable with connection box	30	No	119	43	28
QTD36W5	Drive 36W ENEC not dimmable with connection box	36	No	119	43	28



UNIDRIVER36 : 'the best driver you can get'

Toolless connection AC inlets and outputs

Dimmable TRIAC/1-10V/DALI2/Push DALI2 compatible

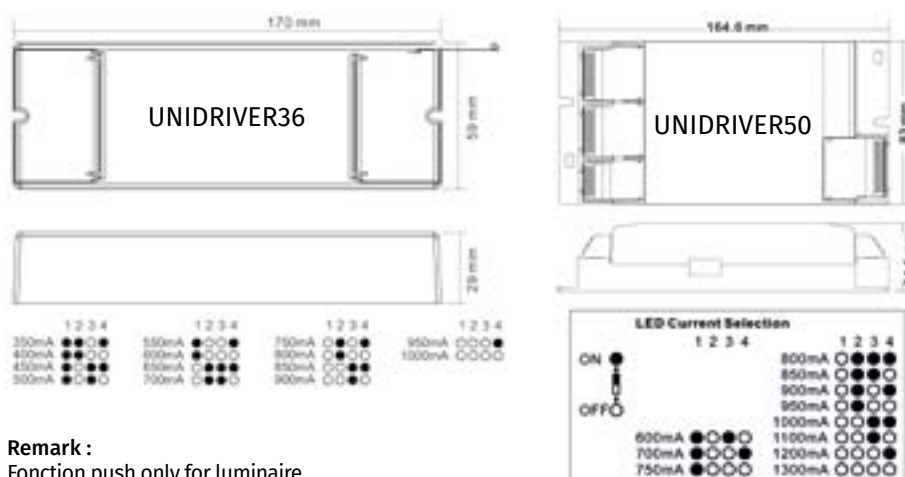
Adjustable output current between 350~1000mA

Amplitude dim = no PWM output signal = no flicker or stroboscopic effect!

Drivers dimmable

Reference	Description	Watt	Dim	L	l	H
UNIDRIVER36	Driver 36W TRIAC/1-10V/DALI2/Push amplitude dim	36	Tout	170	59	29
UNIDRIVER50	Driver 30-50W ENEC 1-10V/DALI2 dim	30-50	Tout	165	83	35

* Push only for luminaire



Remark :
Fonction push only for luminaire.

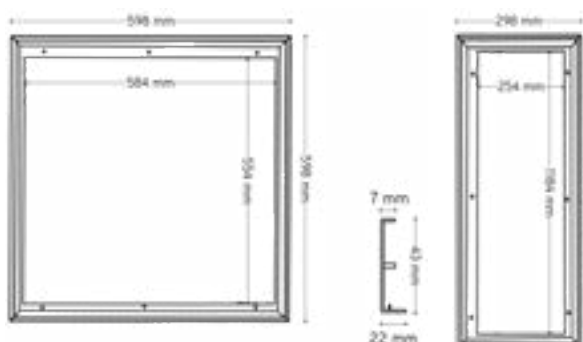
Rescued lighting unit

Reference	Description	Watt	Autonomie	Auto-test	L	l	H
ECULED212-1H	Unit for LED panels 1h	30-50	1 heure	No	170	41	35
ECULED212-3H	Unit for LED panels 3h	30-50	3 heures	No	170	41	35



ACCESSORIES LED PANELS

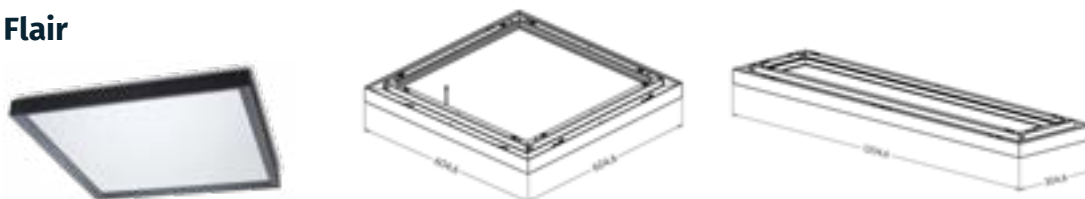
Cadres apparents



Remark: for LED panels QT, QTU, Manga U.

Reference	Description	Montage	L	l	H
QTSF6060W	Surface-mounting frame 60x60 white RAL9016 (assembly kit)	Apparent	598	598	43
QTSF30120W	Surface-mounting frame 30x120 white RAL9016 (assembly kit)	Apparent	1198	298	43
PLBSF6060W	Surface-mounting frame Bright 60x60 white RAL9016 (assembly kit)	Apparent	598	598	65
PLBSF30120W	Surface-mounting frame Bright 30x120 white RAL9016 (assembly kit)	Apparent	298	1198	65

Flair



Remark : for LED panels QT, QTU, Manga U.

Reference	Description	Montage	L	l	H
FLAIR6060W	Design surface-mounting frame flair 60x60 white RAL9010	Surface-mounting	605	605	60
FLAIR6060B	Design surface-mounting frame flair 60x60 black RAL9005	Surface-mounting	605	605	60
FLAIR30120W	Design surface-mounting frame flair 30x120 white RAL9010	Surface-mounting	1205	305	60
FLAIR30120B	Design surface-mounting frame flair 30x120 black RAL9005	Surface-mounting	1205	305	60

Recessed frames



Reference	Description	Montage	L	l	H
QTRF6060W	Recessed frame 60x60 hollow wall white RAL9016	Encastré	630	630	27
QTRF30120W	Recessed frame 30x120 hollow wall white RAL9016	Encastré	1230	330	27



Mounting accessories for QT/QTU/Manga

Reference	Description	L	l	H
PL-FIX	Surface-mounting set with 4 brackets	23	1	33,5
PL-CLAMP	Fastening with 4 clamping springs	22	1	52
PL-PEND2	Pendant set with 2 suspension points	1,5	1,5	1000
QTPEND	Pendant set with 4 suspension points	1,5	1,5	1200
PL-CONNECT	Connection box and power cable	60	60	1000
PL-PROTECT	Fall protection 1 m with self-closing hook	0,8	0,8	1000

Mounting accessories for Bright

Reference	Description	L	l	H
PLB-CLAMP	Fastening with 4 clamping springs for Bright panel	22	1	52
PL-PROTECT	Fall protection 1 m with self-closing hook	0,8	0,8	1000



LED panels

PURE EVOCATION

POWERFUL
OFFICE LIGHTING

Simple and efficient ceiling lamp range for high-performance office lighting.



PERFORMANT

Offices

Tertiary

Pure Evocation

pure
by lebenoid

RAL
9003

LED panels

Power (W)	CCT	Light source	Class	Working lifespan L70B50	Luminous flux (lm)	White
36W LED	4000K	LED board	II	60 000h	3600	0.805.01

ON/OFF

TECHNICAL DATA

- Aluminum body and Diffuse in PMMA +PS.
- Easy assembly: 4 hanging hooks



SIZE (MM)





LED Strips

LED STRIPS

QUALITY CHIPS WITH HIGH EFFICIENCY, SDCM<3/BIN1

• Wire bonding

Integratech uses LED chips with gold wire bonding. Gold is still used for the internal electric connection to the contact points:

- higher flexibility
- excellent thermal and electrical conductivity
- higher reflection = higher light output

• Copper thickness 3 Oz

Strong pcb circuit, lower voltage drop.

• Small sections

Facilitates custom-made work.

• Specials

Integratech offers custom-made work on a project basis. DMX, DSI, etc. Contact us.

• Working lifespan

2835SMD		2110SMD	
Ta 55°C		Ta 55°C	
L70B50	107 000	L70B50	121 000
L80B20	67 000	L80B20	77 000
L90B10	32 000	L90B10	38 000



Applications of LED Strips

Reference	Watt/m	Chip	Max. Lumen/m	Description	Section	Max. L	IP20	IP67*	Page
MONOCOLOR									
544COB	11,2	COB	1000	Local lighting, dot-free CRI90	29,41mm	8m	✓	✓	83
80LED-HT	4,8	3030	745	For high temperatures to 100C°	100mm	5m	IP65		83
64LED	2,8	2835	437	Small accents in furniture	125mm	12m	✓	✓	85
120DOT	5,7	2110	619	Atmospheric lighting, dot-free CRI90	33,33mm	15m	✓	✓	87
120LED	7,6	2835	874	Atmospheric or recess lighting	50mm	15m	✓	✓	85
120MLED	8	2835	917	Atmospheric or recess lighting, very small secti-ons	16,66mm	10m	✓	✓	85
128LED	8,6	2835	1334	Indirect atmospheric lighting	62,5mm	10m	✓	✓	86
240DOT	11,5	2110	1270	Local lighting, dot-free CRI90	33,33mm	9m	✓	✓	87
160LED	13	2835	1747	Local lighting	50mm	8m	✓	✓	86
350DOT	26	2110	2560	General lighting, dot-free CRI90	20mm	8m	✓		88
160POW	32	2835	4524	Main lighting	50mm	4m	✓		88
SPECIALS									
60BLED	4,3	2835	524	Bendable LED strips, follow the shape	100mm	5m	✓		91
196SDOT	8,1	2110	735	For narrow profiles of 5 mm CRI90	35,71mm	15m	✓		90
120SIDE	9,6	3014	1082	Asymmetric light beam	50mm	11m	✓		91
140FSLED	14,4	2835	1457	Full spectrum CRI>97	50mm	8m	✓		90
LONG LENGTH WITH POWER ON ONE SIDE									
10M	13	2835	1448	10 metres with just single-power point	50mm	10m	✓	✓	89
20M	9,6	2835	1010	20 metres with just single-power point	50mm	20m	✓	✓	89
50M	4,3	2835	523	50 metres with just single-power point 48VDC	166,66mm	50m	✓	✓	89
BICOLOR									
240DOT-BIC	10	2110	780	Human centric lighting	50mm	15m	✓	✓	93
RGB									
60RGB	13,5	5050	450	Play with colors	100mm	5m	✓	✓	95
120RGB	20	5050	715	Play with colors, high power	100mm	6m	✓		95
336RGB	18	2110	758	RGB dot-free	62,5mm	5m	✓	✓	95
60RGBW	19,2	5050	1139	RGB + white	100mm	5m	✓	✓	96
60RGBWW	24	5050	1163	RGB + warm white + cold white	100mm	5m	✓	✓	96

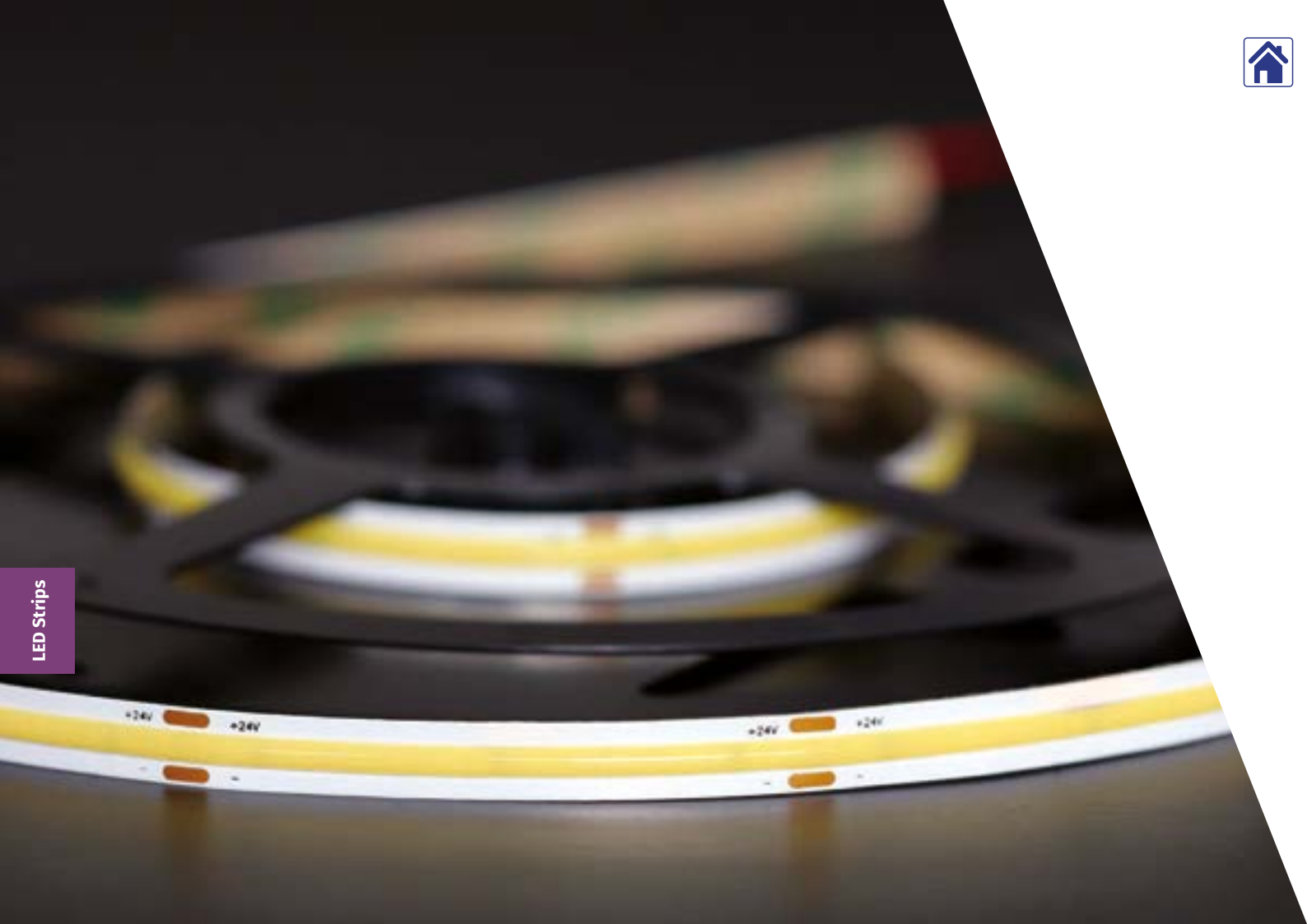
Max. length = maximum length LED strips connected in series to power on one side (voltage drop max. 10%)

*IP670 only on whole strip without connectors

Connecteurs rubans **98**

Dot-free version no visible dots in low profiles





LED STRIPS

DOT-FREE CHIP ON BOARD

COB LEDs are directly fastened to the flexible PCB and cast with a combination of silicone adhesive and a fluorescent powder. The absence of contact pins on the LED chip results in greater flexibility.

Warranty
3
years

- 24VDC
- 11.2
- COB
- 544LED
- 29.41 mm
- 120°
- 5M
- 20-67
- CRI 90
- PWM
- 50 000 L80B20

544COB



Reference	CCT	Max Lm/m
544COB-IP20-2700	2700	820
544COB-IP20-3000	3000	900
544COB-IP20-4000	4000	980
544COB-IP20-6500	6500	1000
544COB-IP67-2700	2700	720
544COB-IP67-3000	3000	790
544COB-IP67-4000	4000	860
544COB-IP67-6500	6500	880



LED Strips

Warranty
3
years
100°

Warranty
5
years
85°

LED strip for high temperatures to 100 °C.
No LED profile needed.

- 24VDC
- 4.8
- SMD3030
- 80LED
- 100 mm
- 120°
- 5M
- 65
- CRI 82
- PWM
- 60 000 L80B10

80LED-HT



Reference	CCT	Max Lm/m
80LED-HT-IP65-2700	2700	690
80LED-HT-IP65-3000	3000	720
80LED-HT-IP65-4000	4000	745
80LED-HT-IP65-6500	6500	705

Each package contains:
10 assembly clips
5 end caps
5 end caps with inlet
1 silicone tube





Warranty
5
years



LED Strips

LED STRIPS

MONOCHROME

Accent and ambient lighting



64LED



Reference	CCT	Max Lm/m
64LED-IP20-2700	2700	373
64LED-IP20-3000	3000	397
64LED-IP20-4000	4000	437
64LED-IP20-6000	6000	417
64LED-IP67-2700	2700	358
64LED-IP67-3000	3000	378
64LED-IP67-4000	4000	398
64LED-IP67-6000	6000	395



120LED



Reference	CCT	Max Lm/m
120LED-IP20-2700	2700	803
120LED-IP20-3000	3000	831
120LED-IP20-4000	4000	854
120LED-IP20-5500	5500	874
120LED-IP67-2700	2700	768
120LED-IP67-3000	3000	755
120LED-IP67-4000	4000	845
120LED-IP67-5500	5500	845



120MLED



Reference	CCT	Max Lm/m
120MLED-IP20-2700	2700	901
120MLED-IP20-3000	3000	913
120MLED-IP20-4000	4000	917



Indirect recess lighting



128LED



Reference	CCT	Max Lm/m
128LED-IP20-2700	2700	1161
128LED-IP20-3000	3000	1239
128LED-IP20-4000	4000	1334
128LED-IP20-6000	6000	1219
128LED-IP67-2700	2700	1102
128LED-IP67-3000	3000	1178
128LED-IP67-4000	4000	1256
128LED-IP67-6000	6000	1128



160LED



Reference	CCT	Max Lm/m
160LED-IP20-2700	2700	1610
160LED-IP20-3000	3000	1687
160LED-IP20-4000	4000	1747
160LED-IP20-6000	6000	1679
160LED-IP67-2700	2700	1502
160LED-IP67-3000	3000	1551
160LED-IP67-4000	4000	1604
160LED-IP67-6000	6000	1655



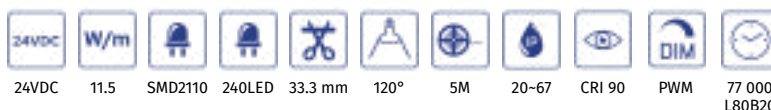
Local lighting, dot-free CRI90



120DOT



Reference	CCT	Max Lm/m
120DOT-IP20-2700	2700	572
120DOT-IP20-3000	3000	560
120DOT-IP20-4000	4000	610
120DOT-IP20-5500	5500	591
120DOT-IP67-2700	2700	539
120DOT-IP67-3000	3000	531
120DOT-IP67-4000	4000	579
120DOT-IP67-5500	5500	619



240DOT



Reference	CCT	Max Lm/m
240DOT-IP20-2700	2700	1053
240DOT-IP20-3000	3000	1168
240DOT-IP20-4000	4000	1181
240DOT-IP20-5500	5500	1270
240DOT-IP67-2700	2700	1053
240DOT-IP67-3000	3000	1053
240DOT-IP67-4000	4000	1168
240DOT-IP67-5500	5500	1270



High light output, general lighting

24VDC	26	SMD2110	350LED	20 mm	120°	5M	20	CRI 90	PWM	77 000 L80B20

350DOT



Reference	CCT	Max Lm/m
350DOT-IP20-2700	2700	2116
350DOT-IP20-3000	3000	2227
350DOT-IP20-4000	4000	2264
350DOT-IP20-6000	6000	2560

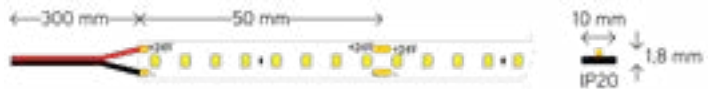


24VDC	32	SMD2835	160LED	50 mm	120°	5M	20	CRI 82	PWM	67 000 L80B20

160POW



Reference	CCT	Max Lm/m
160POW-IP20-2700	2700	4313
160POW-IP20-3000	3000	4199
160POW-IP20-4000	4000	4524



Remark : maximum 4 mètres avec alimentation d'un côté!

Long length

With internal current regulator per section. No loss in light intensity.



10M



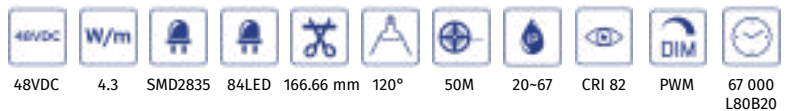
Reference	CCT	Max Lm/m
10M-IP20-2700	2700	1353
10M-IP20-3000	3000	1379
10M-IP20-4000	4000	1448
10M-IP67-2700	2700	1264
10M-IP67-3000	3000	1286
10M-IP67-4000	4000	1402



20M



Reference	CCT	Max Lm/m
20M-IP20-2700	2700	931
20M-IP20-3000	3000	992
20M-IP20-4000	4000	1010
20M-IP67-2700	2700	878
20M-IP67-3000	3000	915
20M-IP67-4000	4000	941



50M



Reference	CCT	Max Lm/m
50M-48V-IP20-2700	2700	506
50M-48V-IP20-3000	3000	519
50M-48V-IP20-4000	4000	523
50M-48V-IP67-2700	2700	440
50M-48V-IP67-3000	3000	462
50M-48V-IP67-4000	4000	475



Full spectrum CRI>97



140FSLED



Reference	CCT	Max Lm/m
140FSLED-IP20-2700	2700	1111
140FSLED-IP20-3000	3000	1314
140FSLED-IP20-4000	4000	1457



For narrow profiles



196SDOT



Reference	CCT	Max Lm/m
196SDOT-IP20-2700	2700	676
196SDOT-IP20-3000	3000	695
196SDOT-IP20-4000	4000	735



Following shapes



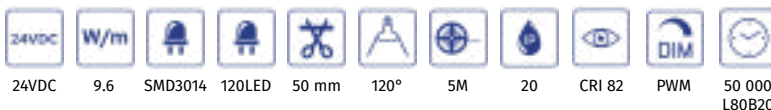
60BLED



Reference	CCT	Max Lm/m
60BLED-IP20-2700	2700	474
60BLED-IP20-3000	3000	478
60BLED-IP20-4000	4000	524



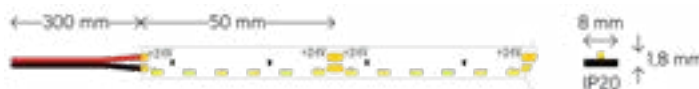
Side emitting



120SIDE



Reference	CCT	Max Lm/m
120SIDE-IP20-2700	2700	800
120SIDE-IP20-3000	3000	839
120SIDE-IP20-4000	4000	1082





Warranty
5
years



LED Strips

LED STRIP COLOR & BICOLOR

ADAPTABLE COLOR
TEMPERATURE

Set colors



120LED COLORS



Reference	CCT	Max Lm/m
120LED-IP67-RO	Rouge	287
120LED-IP67-GR	Vert	845
120LED-IP67-BL	Bleu	198



Human Centric Lighting



240DOT-BIC



Reference	CCT	Max Lm/m
240DOT-IP20-BIC	2700-6000	780
240DOT-IP67-BIC	2700-6000	758





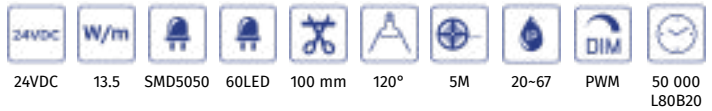
Warranty
5
years



LED Strips

LED STRIPS RGB (W)

PLAY WITH COLORS



60RGB



Reference	CCT	Max Lm/m
60RGB-IP20	RGB	450
60RGB-IP67	RGB	421



High power



120RGB



Reference	CCT	Max Lm/m
120RGB-IP20	RGB	715



RGB dot-free



336RGB



Reference	CCT	Max Lm/m
336RGB-IP20	RGB	758
336RGB-IP67	RGB	689



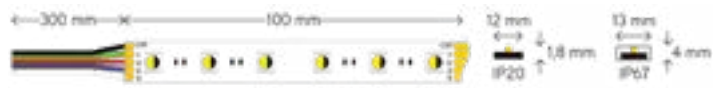
RGB + Mono color

24VDC	19,2	SMD5050	60LED	100 mm	120°	5M	20-67	PWM	50 000 L80B20

60RGB+W



Reference	CCT	Max Lm/m
60RGBW-IP20-2700	2700	1119
60RGBW-IP20-3000	3000	1125
60RGBW-IP20-4000	4000	1139
60RGBW-IP67-2700	2700	1031
60RGBW-IP67-3000	3000	1040
60RGBW-IP67-4000	4000	1051



RGB + Bicolor

24VDC	24	SMD2835	60LED	100 mm	120°	5M	67	PWM	67 000 L80B20

60RGB+WW



Reference	CCT	Max Lm/m
60RGBWW-IP20	RGB+2700-6000	1163
60RGBWW-IP67	RGB+2700-6000	1049





LED Strips








LED STRIP CONNECTOR

WITHOUT SOLDERING

Compatibility table LED strips and connectors

	544COB	64LED	120LED	120DOT	128LED	240DOT	140FS	160LED	350DOT	160POW	240BIC	60RGB	120RGB	60RGBW	60RGBWW
 Type LS-C/LS-M		✓	✓		✓		✓		✓ MAX. 4,5 M	✓ MAX. 3,5 M	✓	✓	✓	✓	✓
 Type LS-CSM/LS-MSM		✓	✓		✓		✓								
 Type LS-BC/BM/BCM	✓	✓	✓	✓	✓	✓	✓	✓	✓ MAX. 3 M	✓ MAX. 2,5 M					

No connectors are available for the following LED strips not mentioned in this table

- 120MLED, 60BLED, 196SDOT, 120SIDE, 10M, 20M, 50M, 80LED-HT, 336RGB
- Type LS-C/M and LS-CSM/MSM max. 5A = 120W at 24Vdc
- Type LS-BC/BM/BCM max. 3.5A = 84W at 24Vdc



MINI-CLIP AND CLAMP CONNECTORS ALSO FIT IN SMALL SL7/RSL7 PROFILES.

Standard clip connectors

Minimum purchase per qty 10



LS-C



LS-M

Reference	Description
LS-C-IP20-8-2	LED strip connector IP20 mono 8 mm 0.75 mm ²
LS-C-IP20-10-2	LED strip connector IP20 mono 10 mm 0.75 mm ²
LS-C-IP20-10-3	LED strip connector IP20 bicolor 10 mm 0.75 mm ²
LS-C-IP20-10-4	LED strip connector IP20 RGB 10 mm 0.75 mm ²
LS-C-IP20-12-5	LED strip connector IP20 RGBW 12 mm 0.75 mm ²
LS-C-IP20-12-6	LED strip connector IP20 RGBWW 12 mm 0.75 mm ²
LS-M-IP20-8-2	LED strip connection IP20 mono 8 mm
LS-M-IP20-10-2	LED strip connection IP20 mono 10 mm
LS-M-IP20-10-3	LED strip connection IP20 bicolor 10 mm
LS-M-IP20-10-4	LED strip connection IP20 RGB 10 mm
LS-M-IP20-12-5	LED strip connection IP20 RGB+W 12 mm
LS-M-IP20-12-6	LED strip connection IP20 RGBWW 12 mm

Connector mini clip

Minimum purchase per qty 10



LS-CSM



LS-MSM

Reference	Description
LS-CSM-IP20-8-2	Clip connector IP20 mono 8 mm 0.5 mm ²
LS-CSM-IP20-10-2	Clip connector IP20 mono 10 mm 0.5 mm ²
LS-MSM-IP20-8-2	Clip connection IP20 mono 8 mm 0.5 mm ²
LS-MSM-IP20-10-2	Clip connection IP20 mono 10 mm 0.5 mm ²

Clamping connector for LED strips with many LEDs/m

Minimum purchase per qty 10



LS-BC



LS-BM



LS-BMC

Reference	Description
LS-BC-IP20-8-2	Clamping connector 8 mm with 15 cm cable
LS-BM-IP20-8-2	Connection strip to strip 8 mm
LS-BMC-IP20-8-2	Connection 8 mm with 15 cm cable
LS-BC-IP20-10-2	Clamping connector 10 mm with 15 cm ca-ble
LS-BM-IP20-10-2	Connection strip to strip 10 mm
LS-BMC-IP20-10-2	Connection 10 mm with 15 cm cable





LED PROFILES

LED PROFILE PACKED IN A HANDY TUBE INCLUDING ASSEMBLY ACCESSORIES!

No more messing with end caps and assembly brackets. With one reference you order an LED profile including all assembly accessories.

The strong cardboard tube prevents damage and simplifies your stock management.

Each tube contains:

- LED profile 2 m PC diffuser 2m
- 2 end caps without cable inlet
- 2 end caps with cable inlet
- 4 mounting brackets in stainless steel L304 (only with sur- face-mounting profile)

All accessories (diffuser, end cap and mounting bracket) also remain separately available. See our web site for more information

Combinations of LED strips and profiles

PROFILE	544COB	80LED-HIT	64LED	60BLE	120LED	120MLE	120DOT	128LED	240DOT	160LED	350LED	160POW	10M	20M	50M	140FS	196SDOT	240BIC	60RGB	120RGB	336RGB	60RGBW	60RGBWW	Page.
BS1707	✓		✓	✓	✓		✓	✓					✓	✓			✓	✓						102
BS1715	✓	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓					102
BS1919	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓					102
BS2617	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			102
SL7	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓					103
SL15	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			103
SLW8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	103
SLW15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	103
SLI7	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓					105
SLI15	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			105
ALU45	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			108
PL3030	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	110
SLF1512	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		106-107
SLF2525	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	106-107
SLF3535	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	106-07

BUILT-IN PROFILES

RSL7	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓			104
RSL15	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			104
RPL3535A-M2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	110
SLP15A-M3	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			109
ICORNA-M3																	✓							109
OCORNA-M2																	✓							109

BENDABLE PROFILES

SLB10A-M2																	✓							111
SLB18A-M2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓			✓	✓						111

LED profiles



BASELINE

BASE SURFACE-MOUNTING PROFILE

Supplied in tube including mounting brackets and end covers.



Type BS1919 supplied without mounting brackets

Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH MAT COVER:					
BS1707	Baseline 17x7 2m	10	2000	17	7
BS1715	Baseline 17x15 2m	15	2000	17	15
BS1919	Baseline 19x19 with cable base	15	2000	19	19
BS2617	Baseline 26x17 2m	20	2000	26	17
WHITE PROFILE WITH MAT COVER:					
BS1707W	Baseline 17x7 2m white	10	2000	17	7
BS1715W	Baseline 17x15 2 m white	15	2000	17	15
BS2617W	Baseline 26x17 2 m white	20	2000	26	17
BLACK PROFILE WITH MAT COVER:					
BS1707B	Baseline 17x7 2m black	10	2000	17	7
BS1715B	Baseline 17x15 m black	15	2000	17	15
BS2617B	Baseline 26x17 2 m black	20	2000	26	17



BS1707B



BS1715B



BS2617B



BS1919

LED profiles

BS1707



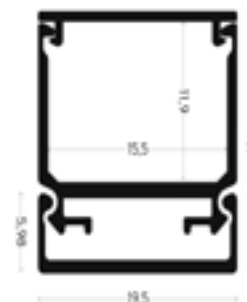
BS2617



BS1715



BS1919



SL

WITH HIGH COOLING CAPACITY

Supplied in tube including mounting brackets and end covers.



Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH TRANSPARENT OR MAT COVER:					
SL7A-K2	Profile SL7mm alu 2 m transparent cover	15	2000	17,5	7
SL7A-M2	Profile SL7mm alu 2 m mat cover	15	2000	17,5	7
SL15A-K2	Profile SL15mm alu 2 m transparent co-ver	20	2000	17,1	14,6
SL15A-M2	Profile SL15mm alu 2 m mat cover	20	2000	17,1	14,6
SLW8A-M2	Profile SLW8 alu 2 m mat cover	25	2000	22,6	8,5
SLW15A-M2	Profile SLW15 alu 2 m mat cover	25	2000	22,6	15,5
WHITE PROFILE WITH MAT COVER:					
SL7W-M2	Profile SL7 white 2 m mat cover	15	2000	17,5	7
SL15W-M2	Profile SL15 white 2 m mat cover	20	2000	17,1	14,6
SLW8W-M2	Profile SLW8 white 2 m mat cover	25	2000	22,6	8,5
SLW15W-M2	Profile SLW15 white 2 m mat cover	25	2000	22,6	15,5
BLACK PROFILE WITH MAT COVER:					
SL7B-M2	Profile SL7 white 2 m mat cover	15	2000	17,5	7
SL15B-M2	Profile SL15 black 2 m mat cover	20	2000	17,1	14,6
SLW8B-M2	Profile SLW8 black 2 m mat cover	25	2000	22,6	8,5
SLW15B-M2	Profile SLW15 black 2 m mat cover	25	2000	22,6	15,5



SL7/SL15 assembly accessories:

Reference	Description	Profile
LCSL7A	Connecting piece SL7 alu	SL7
LCSL7B	Connecting piece SL7 black	SL7
LCSL7W	Connecting piece SL7 white	SL7
LC90SL7A	Corner piece 90 gr SL7 alu	SL7
LC90SL7B	Corner piece 90 gr SL7 black	SL7
LC90SL7W	Corner piece 90 gr SL7 white	SL7
LCSL15A	Connecting piece SL15 alu	SL15
LCSL15B	Connecting piece SL15 black	SL15
LCSL15W	Connecting piece SL15 white	SL15
LC90SL15A	Corner piece 90 gr SL15 alu	SL15
LC90SL15B	Corner piece 90 gr SL15 black	SL15
LC90SL15W	Corner piece 90 gr SL15 white	SL15



LC90SL15



RSL IN-BUILT WITH HIGH COOLING CAPACITY

Supplied in tube including end covers. (no mounting brackets)



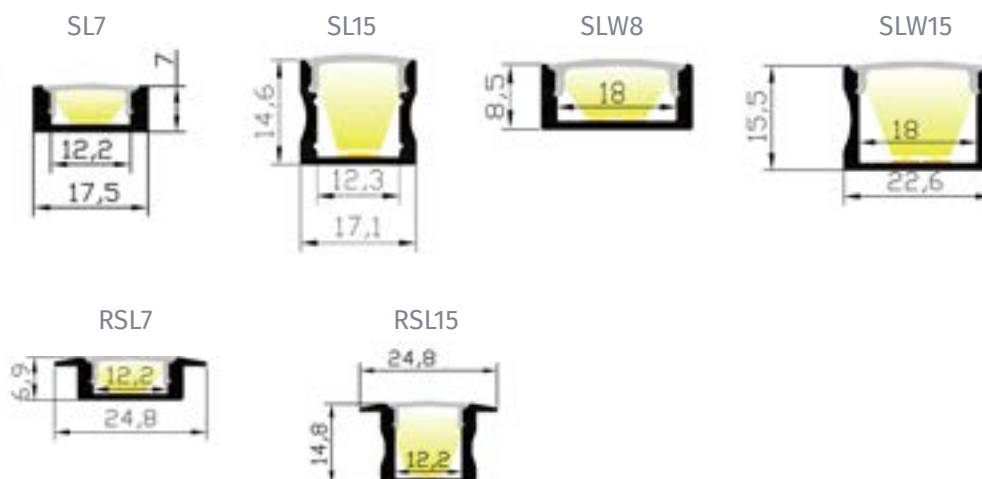
Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH TRANSPARENT OR MAT COVER:					
RSL7A-K2	Profile RSL7 alu 2 m transparent cover	20	2000	17,5	7
RSL7A-M2	Profile RSL7 alu 2 m mat cover	20	2000	17,5	7
RSL15A-K2	Profile RSL15 alu 2 m transparent cover	25	2000	17,5	15
RSL15A-M2	Profile RSL15 alu 2 m mat cover	25	2000	17,5	15
WHITE PROFILE WITH MAT COVER:					
RSL7W-M2	Profile RSL7 white 2 m mat cover	20	2000	17,5	7
RSL15W-M2	Profile RSL15 white 2 m mat cover	25	2000	17,5	15
BLACK PROFILE WITH MAT COVER:					
RSL7B-M2	Profile RSL7 black 2 m mat cover	20	2000	17,5	7
RSL15B-M2	Profile RSL15 black 2 m mat cover	25	2000	17,5	15

LED profiles



RSL7

RSL15



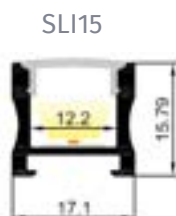
SLI

SURFACE-MOUNTING WITH INVISIBLE ASSEMBLY BRACKETS

Supplied in tube including mounting brackets and end covers.



Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH TRANSPARENT OR MAT COVER:					
SLI7A-K2	Profile SLI7 alu 2 m transparent cover incl. accessories	15	2000	17,5	9,98
SLI7A-M2	Profile SLI7 alu 2 m mat cover incl. accessories	15	2000	17,5	9,98
SLI15A-M2	Profile SLI15 alu 2 m mat cover incl. accessories	20	2000	17,1	15,79
WHITE PROFILE WITH MAT COVER:					
SLI7W-M2	Profile SLI7 white 2 m mat cover incl. accessories	15	2000	17,5	9,98
SLI15W-M2	Profile SLI15 white 2 m mat cover incl. accessories	20	2000	17,1	15,79
BLACK PROFILE WITH MAT COVER:					
SLI7B-M2	Profile SLI7 black 2 m mat cover incl. accessories	15	2000	17,5	9,98
SLI15B-M2	Profile SLI15 black 2 m mat cover incl. accessories	20	2000	17,1	15,79



SLI invisible assembly bracket

SL FLAT CLEAN-LINED PROFILE

LED profiles

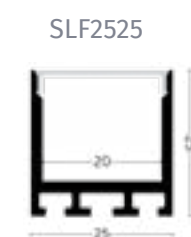


- Clean-lined finish without grooves
- Diffuser just as wide as profile
- Diffuser mat white
- High cooling capacity
- Pendant set available
- 3 m length available

Supplied in tube including mounting brackets and end covers.



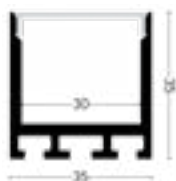
Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH OPAL (WHITE) COVER:					
SLF1512A-O2	Profile SL flat alu 15x12 2 m opal cover	25	2000	15,8	12
SLF1512A-O3	Profile SL flat alu 15x12 3 m opal cover	25	3000	15,8	12
SLF2525A-O2	Profile SL flat alu 25x25 2 m opal cover	35	2000	25	25
SLF2525A-O3	Profile SL flat alu 25x25 3 m opal cover	35	3000	25	25
SLF3535A-O2	Profile SL flat alu 35x35 2 m opal cover	35	2000	35	35
SLF3535A-O3	Profile SL flat alu 35x35 3 m opal cover	35	3000	35	35
ALUMINIUM PROFILE WHITE RAL9016 WITH OPAL (WHITE) COVER:					
SLF1512W-O2	Profile SL flat white 15x12 2 m opal cover	25	2000	15	12
SLF1512W-O3	Profile SL flat white 15x12 3 m opal cover	25	3000	15	12
SLF2525W-O2	Profile SL flat white 25x25 2 m opal co-ver	35	2000	25	25
SLF2525W-O3	Profile SL flat white 25x25 3 m opal co-ver	35	3000	25	25
SLF3535W-O2	Profile SL flat white 35x35 2 m opal co-ver	35	2000	35	35
SLF3535W-O3	Profile SL flat white 35x35 3 m opal co-ver	35	3000	35	35
ALUMINIUM PROFILE BLACK RAL9004 WITH OPAL (WHITE) COVER:					
SLF1512B-O2	Profile SL flat black 15x12 2 m opal cover	25	2000	15	12
SLF1512B-O3	Profile SL flat black 15x12 3 m opal cover	25	3000	15	12
SLF2525B-O2	Profile SL flat black 25x25 2 m opal cover	35	2000	25	25
SLF2525B-O3	Profile SL flat black 25x25 3 m opal cover	35	3000	25	25
SLF3535B-O2	Profile SL flat black 35x35 2 m opal cover	35	2000	35	35
SLF3535B-O3	Profile SL flat black 35x35 3 m opal cover	35	3000	35	35





Surface-mounting, pendant or wall mounting

SLF3535



Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE BLACK RAL9004 WITH BLACK COVER:					
SLF1512B-B2	Profile SL flat black 15x12 2 m black cover	25	2000	15	12
SLF1512B-B3	Profile SL flat black 15x12 3 m black cover	25	3000	15	12
SLF2525B-B2	Profile SL flat black 25x25 2 m black cover	35	2000	25	25
SLF2525B-B3	Profile SL flat black 25x25 3 m black cover	35	3000	25	25
SLF3535B-B2	Profile SL flat black 35x35 2 m black cover	35	2000	35	35
SLF3535B-B3	Profile SL flat black 35x35 3 m black cover	35	3000	35	35

LED profiles

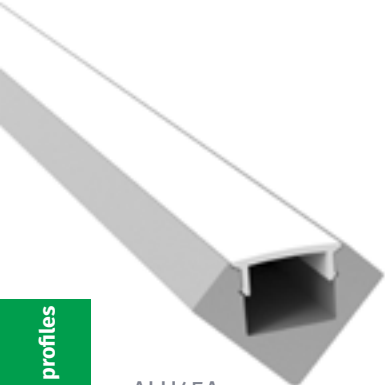
Assembly accessories



Reference	Description
LCSLF1512	Connecting piece for SLF1512
LC90SLF1512	Connecting piece 90 ° for SLF1512
LCSLF2525	Connecting piece for SLF2525
LC90SLF2525	Connecting piece 90 ° for SLF2525
LCSLF3535	Connecting piece for SLF3535
LC90SLF3535	Connecting piece 90 ° for SLF3535
SLF2525SUS	Pendant set 2 m for SLF2525/SLF3535
SLF2525WALL	Wall bracket for SLF2525
SLF3535WALL	Wall bracket for SLF3535
LCV90SLF1512	Connecting piece 90 ° vertical for SLF1512
LCV90SLF2525	Connecting piece 90 ° vertical for SLF2525
LCV90SLF3535	Connecting piece 90 ° vertical for SLF3535

ALU45

SURFACE-MOUNTING PROFILE FOR CORNER ASSEMBLY



ALU45A

LED profiles

applied in tube including mounting brackets and end covers.



Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH TRANSPARENT OR MAT COVER:					
ALU45A-K2	Profile ALU45 alu 2 m transparent co-ver	25	2000	18,6	18,6
ALU45A-M2	Profile ALU45 alu 2 m mat cover	25	2000	18,6	18,6
WHITE PROFILE WITH MAT COVER:					
ALU45W-M2	Profile ALU45 white 2 m mat cover	25	2000	18,6	18,6
BLACK PROFILE WITH MAT COVER:					
ALU45B-M2	Profile ALU45 black 2 m mat cover	25	2000	18,6	18,6

ALU45 assembly accessories



Reference	Description
LCALU45A	Connecting piece ALU45 alu
LCALU45B	Connecting piece ALU45 black
LCALU45W	Connecting piece ALU45 white
LC90ALU45A	Corner piece 90 gr ALU45 alu
LC90ALU45B	Corner piece 90 gr ALU45 black
LC90ALU45W	Corner piece 90 gr ALU45 white

SLP

BUILT-IN PROFILE TO BE PLASTERED IN

Profile de 3 metres
Supplied in tube including end covers.



Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH MAT COVER:					
SLP15A-M3	Profile SLP SPL15 alu 3 m mat cover	25	3000	50,1	17,1
ICORNA-M3	Profile SLP inner corner ICORN alu 3 m mat cover	15	3000	35	35
OCORNA-M3	Profile SLP outer corner OCORN alu 3 m mat co-ver	15	3000	35	35
BUILT-IN PROFILE ASSEMBLY ACCESSORIES:					
LCCORN	Connection for profile SLP ICORN/OCORN				
LC90CORN	Connection 90 ° inner corner ICORN/OCORN				
LC90FCORN	Connection 90 ° flat angle ICORN/OCORN				

LED profiles

SLP15A



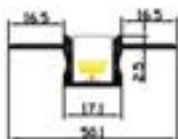
ICORNA



OCORNA



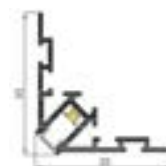
SLP15A



ICORN



OCORN



LC90CORN



LC90FCORN



PL HIGH POWER APPLICATIONS

Supplied in tube including mounting brackets and end covers.



Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH TRANSPARENT OR MAT COVER:					
PL3030A-M2	Profile PL3030 cable base alu 2 m mat co-ver	25	2000	30	30
WHITE PROFILE WITH MAT COVER:					
PL3030W-M2	Profile PL3030 white 2 m mat cover	25	2000	30	30
BLACK PROFILE WITH MAT COVER:					
PL3030B-M2	Profile PL3030 black 2 m mat cover	25	2000	30	30

Built-in profile RPL:

Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH MAT COVER:					
RPL3535A-M2	Aluminium profile with mat cover:	30	2000	35	35

PL assembly accessories:

Reference	Description
RBRPL3535	Built-in bracket for profile RPL3535

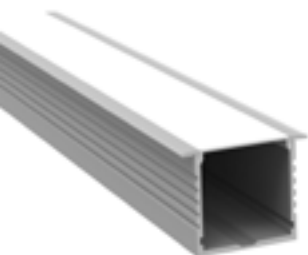


RBRPL3535

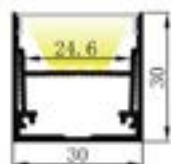
LED profiles



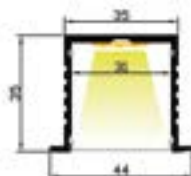
PL3030



PL3030



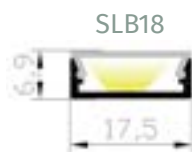
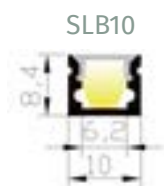
RPL3535



SLB BENDABLE PROFILES

Supplied in tube including mounting brackets and end covers. 

Reference	Description	Max. W/m	L	l	H
ALUMINIUM PROFILE WITH MAT COVER:					
SLB10A-M2	Profile SLB10 alu 2 m mat incl. accessoires	10	2000	10	8,4
SLB18A-M2	Profile SLB18 alu 2 m mat incl. accessoires	10	2000	17,5	6,9





DRIVERS LED MEANWELL

All Meanwell products included here are LED power supplies of the constant voltage type with an output voltage of 24VDC.

This selection is based on the integratech 24VDC LED strips. Besides these products Meanwell also offers power supplies with a different output voltage or with constant current output.

You can always contact us about all Meanwell products not included below.



LED Strips drivers & controls

Power supply guidelines

Power	Cable diameter					
	0,5mm ²	0,75mm ²	1mm ²	1,5mm ²	2,5mm ²	4mm ²
MAXIMUM DISTANCE IN METERS BETWEEN DRIVER AND START OF LED STRIP						
20W	19	29	38	57	95	152
30W	13	19	25	38	63	101
60W	6	9	12	19	32	51
100W	4	6	8	12	19	30
120W	3	5	6	9	16	25
150W		3,8	5	7,5	12,5	20
240W		2,4	3,2	4,8	8	12,5
320W			2,4	3,6	6	9,5
480W					4	6,4

Drivers
Controls

Choose your LED power supply

Power supply	IP	Class	Power	Dimming	Connection	Assembly	Warranty	Page
APV	42	II	12/16/25/35W	No	Cable	Surface-mounting	2	114
PLC	20	II	30/60/100W	No	Screw	Surface-mounting	2	114
LPV	67	II	20/35/60/100/150W	No	Cable	Surface-mounting	2	114
PWM	67	II	20/60/90/120W	1-10V/PWM	Cable	Surface-mounting	5	116
XLG	67	I	75/100/150/200W	No	Cable	Surface-mounting	5	115
HLG	65	I	240/320/480/600W	No	Cable	Surface-mounting	7	116
HDR	20	II	15/30/60/100/150W	No	Screw	DIN rail	3	115
NDR	20	I	240/480W	No	Screw	DIN rail industry	3	115



POWER SUPPLIES NOT DIMMABLE

Warranty
2
years

APV series

Lower power units

Low capacity power supply class II in IP42 plastic housing 90~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Pre-assembled connection cables measuring 15 cm. Efficiency +84%



Reference	Description	Watt	AC range	Class	IP	L	l	H
APV-12-24	24VDC	12	90~264Vac	II	42	77	40	29
APV-16-24	24VDC	16	90~264Vac	II	42	77	40	29
APV-25-24	24VDC	25	90~264Vac	II	42	84	57	29,5
APV-35-24	24VDC	35	90~264Vac	II	42	84	57	29,5



42

Warranty
2
years

PLC series

With screw connection for standard on/off control

LED power supply with power factor correction in IP20 plastic housing 90~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Efficiency +89%.



Reference	Description	Watt	AC range	Class	IP	L	l	H
PLC-30-24	Screw connection 24VDC	30	90~264Vac	II	20	160	46	30
PLC-60-24	Screw connection 24VDC	60	90~264Vac	II	20	181,5	62	35
PLC-100-24	Screw connection 24VDC	100	90~264Vac	II	20	200,5	69,5	35



20

Warranty
2
years

LPV series

The most used

LED power supply class II with power factor correction in IP67 plastic housing 90~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Pre-assembled connection cables measuring 30 cm. Efficiency 88%.



Reference	Description	Watt	AC range	Class	IP	L	l	H
LPV-20-24	24VDC incl. 30 cm cable	20	90~264Vac	II	67	118	35	26
LPV-35-24	24VDC incl. 30 cm cable	35	90~264Vac	II	67	148	40	30
LPV-60-24	24VDC incl. 30 cm cable	60	90~264Vac	II	67	162,5	42,5	32
LPV-100-24	24VDC incl. 30 cm cable	100	90~264Vac	II	67	190	52	37
LPV-150-24	24VDC incl. 30 cm cable	150	180~305Vac	II	67	191	63	37,5



67

Warranty
3
years

HDR series

DIN rail



Class II power supply for DIN rail assembly in fusebox 185~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Adjustable DC output and current limiting. Efficiency +90%.

Reference	Description	Watt	AC range	Class	IP	L	l	H
HDR-15-24	24VDC rail-DIN 1 mod	15	85-264Vac	II	20	54,4	17,5	90
HDR-30-24	24VDC rail-DIN 2 mod	30	85-264Vac	II	20	54,5	35	90
HDR-60-24	24VDC rail-DIN 3 mod	60	85-264Vac	II	20	54,5	52,5	90
HDR-100-24	24VDC rail-DIN 4 mod	100	85-264Vac	II	20	54,5	70	90
HDR-150-24	24VDC rail-DIN 6 mod	150	85-264Vac	II	20	54,5	105	90



20

Warranty
3
years

NDR series

Industrial DIN rail



DC power supply for DIN rail assembly in industrial applications. Input voltage type NDR single-phase 90~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Efficiency +85%.

Reference	Description	Watt	AC range	Class	IP	L	l	H
NDR-240-24	24VDC rail-DIN	240	90-264Vac	I	20	125,2	113,5	63
NDR-480-24	24VDC rail-DIN	480	90-264Vac	I	20	128,5	125,2	85,5



20

Warranty
5
years

XLG series

Compact high-performance, 5-year warranty



LED power supply class I with 6KV surge protection. In IP67 metal housing 100~305VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Pre-assembled connection cables measuring 30 cm. Efficiency: >90%

Reference	Description	Watt	AC range	Class	IP	L	l	H
XLG-75-24A	24VDC	75	100~305Vac	I	67	140	63	32
XLG-100-24A	24VDC	100	100~305Vac	I	67	140	63	32
XLG-150-24A	24VDC	150	100~305Vac	I	67	180	63	35,5
XLG-200-24A	24VDC	200	100~305Vac	I	67	199	63	35,5



67



Warranty
7
years

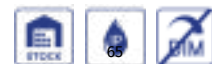
HLG series

High reliability, 7-year warranty



LED power supply with power factor correction in IP65 metal housing 90~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Pre-assembled connection cables measuring 30 cm. Efficiency +90%.

Reference	Description	Watt	AC range	Class	IP	L	l	H
HLG-240H-24A	24VDC	240	90~305Vac	I	65	244,2	68	38,8
HLG-320H-24A	24VDC	320	90~305Vac	I	65	252	90	43,8
HLG-480H-24A	24VDC	480	90~305Vac	I	65	262	125	43,8
HLG-600H-24A	24VDC	600	90~305Vac	I	65	280	144	48,5



DIMMABLE POWER SUPPLIES

Warranty
5
years

With PWM output 24VDC = no extra controller required

With built-in dimming circuit 1-10V/PWM

Drivers
Controls



Low capacity power supply class II in IP67 plastic housing 90~264VAC/24VDC. Protection against short circuiting, overloading and overvoltage. Pre-assembled connection cables measuring 15 cm. Efficiency +84%.

Reference	Description	Watt	AC range	Class	IP	L	l	H
PWM-40-24	40W dimmable 1-10V	40	90~305Vac	II	67	150	53	35
PWM-60-24	60W dimmable 1-10V	60	90~305Vac	II	67	150	53	35
PWM-90-24	90W dimmable 1-10V	90	90~305Vac	II	67	171	63	37,5
PWM-120-24	120W dimmable 1-10V	120	90~305Vac	II	67	191	63	37,5



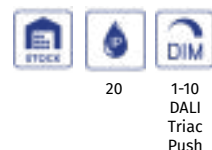
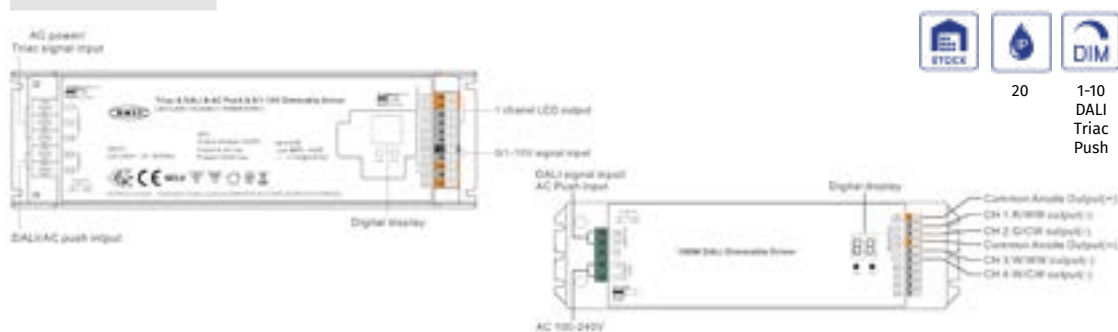
Warranty
5
years

Power unit and controller in one housing



Dimming power supply class I in IP20 plastic housing with PWM 24VDC output. Protection against short circuiting, overloading and overvoltage. DALI2 compatible

Reference	Description	Watt	AC range	Class	IP	L	l	H
SR-10024-DALI-DT6	100W DALI2	100	100~277Vac	II	20	244	64	32
SR-10024-DALI-DT8	100W DALI2	100	100~277Vac	II	20	244	64	32
SR-20024-UNI	200W Triac/1-10V/DALI2/ Push dimmable	200	200~240Vac	I	20	330	79	39





LED STRIPS DRIVERS

Monocouleur
Bi-couleur
RGB
RGB+W
RGB+WW



Type of control	Function	Operation	Wiring
Triac	LED strip dimming with TRIAC dimmer	Rotary button or push-button dimmer TRIAC	From TRIAC dimmer to control
Push-button	LED strip dimming with push-button	On/off: press briefly, dimming: press long	Push-button connection to control
PWM	Wall panel with PWM output	For RGB or RGB+W LED strips	LED strips directly connected to wall panel
1-10V	Use 1-10V dimmer	Dimming between 10 and 100% with 1-10V signal	2-wire 1-10V (current control)
DALI	Use DALI dimmer/master	Dimming between 0 and 100% with DALI signal	2-wire DALI bus, 1 address per channel
DMX	Use DMX control	Dimming between 0 and 100% with DMX signal	2-wire DMX bus, 1 address per channel
RF	Operation with RF signal 434/868 MHz	Hand/wall transmitter and 1 control required per zone/circuit	Wireless, range to 40 metres
BLE	Bluetooth low energy	Operation by app on smartphone/tablet	Wireless, range to 30-50 metres

Monocolor operating devices (page 118-121)

Bicolor operating devices (page 122-123)

Wireless RF

Embedded Bluetooth Mesh

DIM-BASIC DIM-CW ITC-MC2 ITC-MC4

Wired

Triac Push-button 1-10V DALI DMX

SR-2303P4in1 SR-1009CS SR-1009PD SR-2001P SR-2001DIN SR-2303P SR-2303DIN SR-2102P SR-2102DIN

Wireless RF

Embedded Bluetooth Mesh

CCT-CW ITC-CCT

Wired

1-10V DALI DMX

SR-2002P SR-2002DIN SR-2303P SR-2303DIN SR-2102P SR-2102DIN

RGB+WHITE operating devices (page 124-127)

RGB+WW operat. Dev. (page 128)

Wireless RF

Embedded Bluetooth Mesh

RGB-BASIC RGB+W-CW4Z RGB+W-CW ITC-RGB ITC-RGBW

Wired

Push-button 1-10V DALI DMX

SR-2501RGB SR-2002P SR-2002DIN SR-2303P SR-2303DIN SR-2102P SR-2102DIN SR-2811B-DMX SR-2811W-DMX

Wireless RF

SR-2858Z4-5C

SR-1009EA-5C

LED dimmers and converters Easy DALI Dimmer Easy DALI dimmer (pages 128-129)



OPERATION MONOCOLOR LED STRIPS



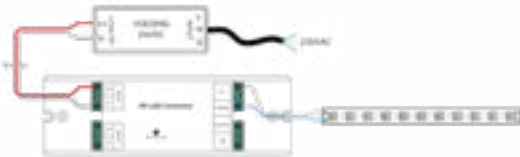
- Kits are always supplied with one transmitter and one receiver
 - Always order an extra receiver for each additional zone
 - Hand transmitters are always supplied excluding battery
- Contact us for special controls

WIRELESS FOR MONOCOLOR LED STRIPS

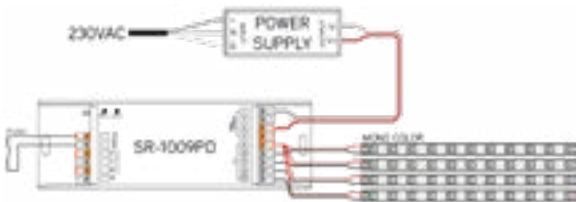
Reference	Description	L	l	H
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COMPLETE KITS INCLUDING CONTROLLER FOR ONE ZONE AND ONE WIRELESS RF HAND TRANSMITTER

DIM-BASIC	Basic monocolour kit with RF hand transmitter 1 zone 360W	145	46,5	16
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DIM-CW	Kit with RF hand transmitter monocolour 4 zones 480W	166	53,4	23
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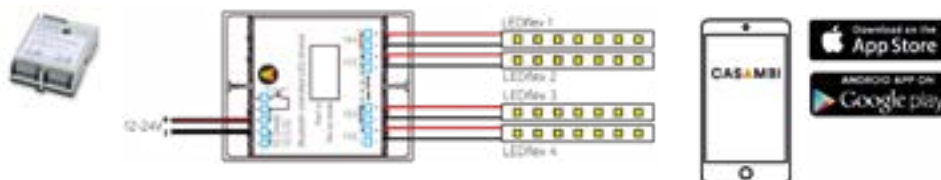
DIM-CW: 4 zones max. 480W op 24VDC
 For each extra zone order 1 extra SR-1009PD/DIN
 Maximum 8 hand transmitters on one receiver
 RF signal 434MHz/868MHz, range to 30 m
 Order separately 24VDC power supply according to the desired power
 Batteries for hand transmitter 3xAAA not supplied.

ITC-MC2	Control Bluetooth to PWM monocolour 192W	192	90	22
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ITC-MC2: 1 zone max. 192W op 24VDC
 ITC-MC4: 1 zone max. 384W op 24VDC
 Operation by Bluetooth app on smartphone/tablet
 Order separately 24VDC power supply according to the desired power

ITC-MC4	Control Bluetooth to PWM monocolour DIN rail 384W	384	90	70
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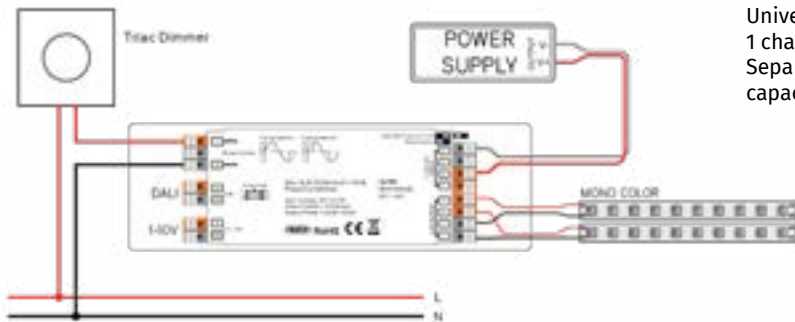


Accessories

Reference	Description	L	l	H
SR-1009PD	Receiver extra zone for DIM-CW kit	166	53,4	23
SR-2819S-DIM	Extra RF hand transmitter for DIM-CW kit	120	55	17
SR-3002	Power repeater for power expansion	168	57	29

TRIAC CONTROL FOR MONOCOLOR LED STRIPS

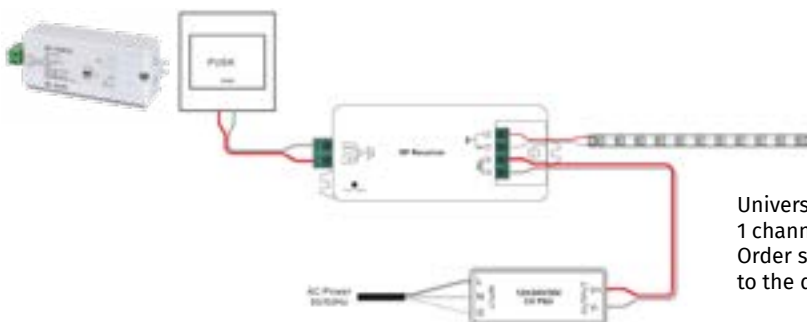
Reference	Description	L	l	H
SR-2303P4in1	Controller monocolour TRIAC/1-10V/DALI/ Push 1x20A	170	53,4	28



Universal LED strip control mono color operation
 1 channel at 20A = 480W on 24VDC
 Separately order 24VDC power depending on capacity

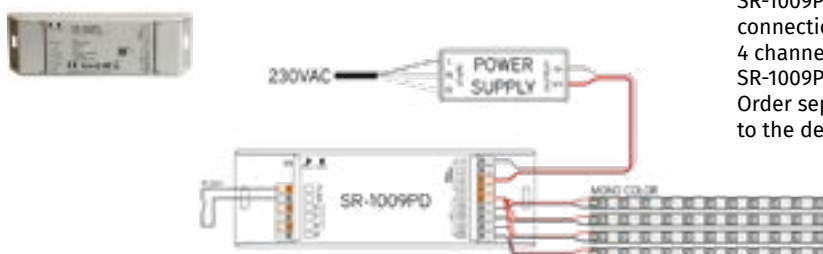
PUSH-BUTTON CONTROL FOR MONOCOLOR LED STRIPS

Reference	Description	L	l	H
SR-1009CS	Base push-button operation PWM 1x8A 12-36V	95	37	20



Universal LED strip control monocolour operation
 1 channel at 8A = 192W on 24VDC
 Order separately 24VDC power supply according to the desired power

SR-1009PD	Push-button operation monocolour 1 zone 480W	166	53,4	23
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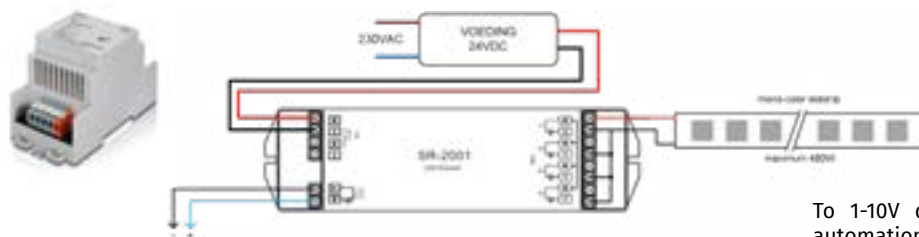
SR-1009PD: max. 480W on 24VDC, master/slave connection
 4 channels on 5A, may be switched parallel.
 SR-1009PDDIN has no master/slave connection
 Order separately 24VDC power supply according to the desired power

SR-1009PDDIN	Push-button operation monocolour 1 zone 480W DIN rail	179	46	19
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OPERATION MONOCOLOR LED STRIPS

1-10V CONTROL FOR MONOCOLOR LED STRIPS				
Reference	Description	L	I	H
SR-2001P	Control 1-10V to PWM monocolour 480W	166	53,4	23
SR-2001DIN	Control 1-10V to PWM monocolour DIN rail 480W	65	53	98



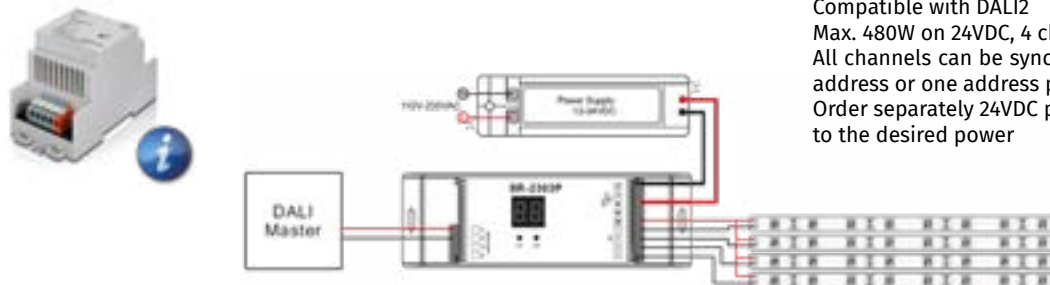
To 1-10V dimmer or dimming module home automation system, current draw per controller: 0.2 mA

Drivers Controls

ACCESSORIES

Reference	Description	L	I	H
SR-3002	Power repeater for capacity expansion	168	57	29

DALI CONTROL FOR MONOCOLOR LED STRIPS				
Reference	Description	L	I	H
SR-2303P	Control DALI to PWM monocolour 480W	166	53,4	23
SR-2303DIN	Control DALI to PWM monocolour DIN rail 480W	65	53	98



Compatible with DALI2
 Max. 480W on 24VDC, 4 channels of 5A
 All channels can be synchronously controlled with one address or one address per channel
 Order separately 24VDC power supply according to the desired power

ACCESSORIES

Reference	Description	L	I	H
SR-3002	Power repeater for power expansion	168	57	29

DMX CONTROL FOR MONOCOLOR LED STRIPS				
Reference	Description	L	l	H
SR-2102P	Control DMX to PWM monocolour 480W	166	53,4	23
SR-2102BEA	Control DMX to PWM monocolour 750W	170	59	29



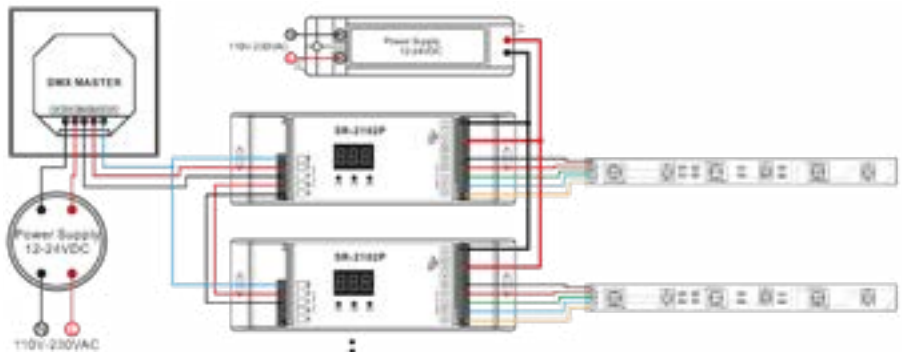
SR-2102DIN	Control DMX to PWM monocolour DIN rail 480W	65	53	98
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SR-2102BWP	Control DMX to PWM monocolour 480W IP67	180,5	73,6	38
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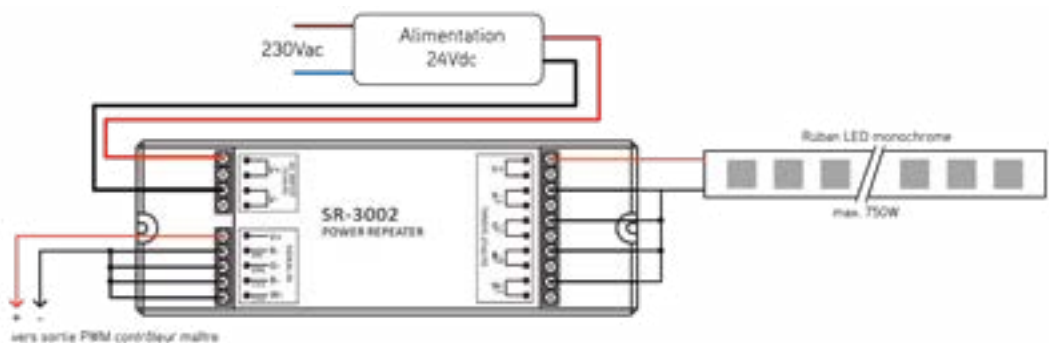
Control through DMX master, DMX mixer panel or PC software through USB dongle
 Max. 480W on 24VDC, 4 channels of 5A
 All channels can be synchronously controlled with one address or one address per channel
 Order separately 24VDC power supply according to the desired power



Preferably use DMX cables for lengths longer than 90 metres.

ACCESSORIES

Reference	Description	L	l	H
SR-3002	Power repeater for power expansion	168	57	29
SR-2100	DMX signal amplifier/repeater	145	46	16



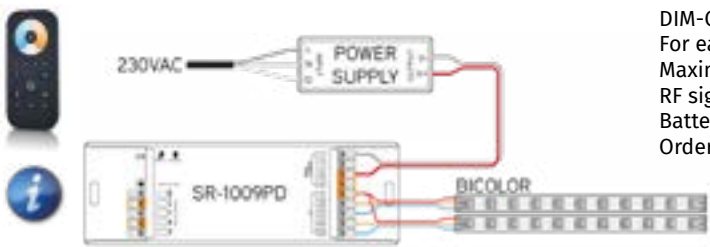


OPERATION BICOLOR LED STRIPS

WIRELESS FOR BICOLOR LED STRIPS

Complete kit including controller for 1 zone and one wireless RF hand transmitter

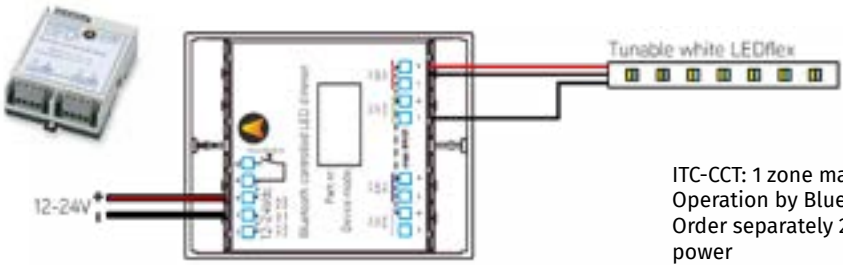
Reference	Description	L	l	H
CCT-CW	Kit remote control RF bicolor 24 VDC 4 zones	166	53,4	23



DIM-CCT: 4 zones max. 480W op 24VDC
 For each extra zone order 1 extra SR-1009PD/DIN
 Maximum 8 hand transmitters on one receiver
 RF signal 434MHz/868MHz, range to 30 m
 Batteries for hand transmitter 3xAAA not supplied
 Order separately 24VDC power supply according to the desired power

Drivers Controls

ITC-CCT	Control Bluetooth to PWM bicolor DIN rail 384W	90	70	32
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ITC-CCT: 1 zone max. 384W op 24VDC
 Operation by Bluetooth app on smartphone/tablet
 Order separately 24VDC power supply according to the desired power

1-10V CONTROL FOR BICOLOR LED STRIPS

Reference	Description	L	l	H
SR-2002P	Controller 1-10V for bicolor/RGB(W) 4x5A	166	53,4	23



SR-2002DIN	Controller 1-10V for bicolor/RGB(W) 4x5A DIN rail	65	53	98
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DALI CONTROL FOR BICOLOR LED STRIPS

Reference	Description	L	l	H
SR-2303P	Control DALI for bicolor/RGB(W) 480W	166	53,4	23



SR-2303DIN	Control DALI for bicolor/RGB(W) DIN rail 480W	65	53	98
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DMX CONTROL FOR BICOLOR LED STRIPS

Reference	Description	L	l	H
SR-2102P	Control DMX for bicolor/RGB(W) 480W	166	53,4	23



SR-2102DIN	Control DMX for bicolor/RGB(W) DIN rail 480W	65	53	98
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ACCESSORIES

Reference	Description	L	l	H
SR-2819S-CCT	Extra RF hand transmitter for CCT-CW kit	120	55	17
SR-1009PD	Extra receiver for CCT-CW per zone 480W structure	166	53,4	23
SR-3002	Power repeater 12-24VDC 4x8A max. 750W	168	59	29
SR-2100	DMX signal amplifier/repeater	145	46	16

OPERATION RGB(W) LED STRIPS



WIRELESS FOR RGB(W) LED STRIPS

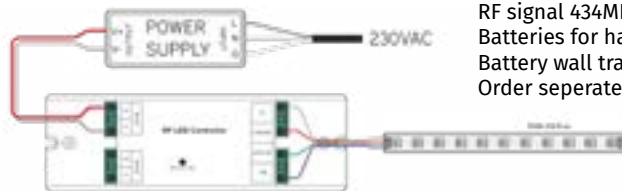
Reference	Description	L	I	H
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COMPLETE KITS INCLUDING CONTROLLER FOR 1 ZONE AND ONE WIRELESS RF HAND TRANSMITTER

RGB-BASIC	Basic kit RGB with RF hand transmitter 1 zone 360W	145	46,5	16
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RGB-RF	RGB kit with RF wall transmitter 1 zone 360W	86	86	13,8
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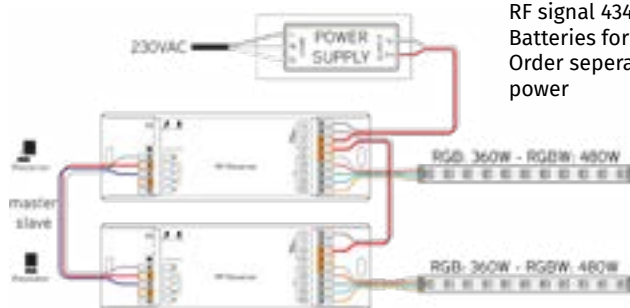


RGB-BASIC and RGB-RF 1 zone max. 360W on 24VDC
 RF signal 434MHz/868MHz, range to 30 m
 Batteries for hand transmitter RGB-BASIC 3xAAA not supplied
 Battery wall transmitter RGB-RF included (CR2430)
 Order separate 24VDC power supply according to the desired power



RGB+W-CW4Z	RGB(W) kit with RF hand transmitter 4 zones 480W	166	53,4	23
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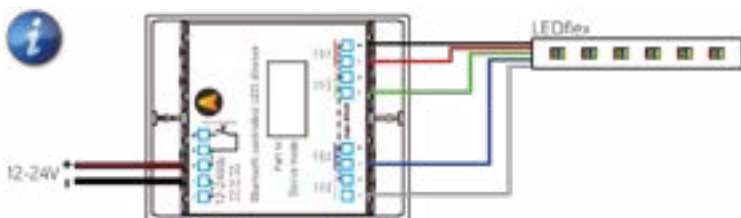
RGB+W-CW	RGB(W) kit with RF hand transmitter 6 zones 480W	166	53,4	23
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RGB+W-CW4Z max. 4 zones RGB 360W RGBW 480W on 24VDC
 RGB+W-CW max. 6 zones 480W on 24VDC
 RF signal 434MHz/868MHz, range up to 30 m
 Batteries for hand transmitter 3xAAA not supplied.
 Order separate 24VDC power supply according to the desired power

WIRELESS FOR RGB(W) AND RGB+WW LED STRIPS				
Reference	Description	L	I	H
WIRELESS FOR RGB+BICOLOR (NO KIT, HAND TRANSMITTER AND RECEIVER ORDERED SEPARATELY)				
SR-2858Z4-5C	RF hand transmitter RGB+WW for SR-1009EA-SC	153	52	19
				
SR-1009EA-5C	Receiver per zone for RGB+WW max. 600W	170	59	29,8
CASAMBI BLUETOOTH CONTROL THROUGH APP				
ITC-RGB	Control Bluetooth to PWM RGB 288W	90	70	32
				
ITC-RGBW	Control Bluetooth to PWM RGBW 384W	90	70	32

Drivers Controls



ITC-RGB: max. 288W, ITC-RGBW: 384W on 24VDC
 Control by Bluetooth app on smartphone/tablet
 Order separately 24VDC power supply according to the desired power

ACCESSORIES

Reference	Description	L	I	H
SR-1009PD	Receiver extra zone	166	53,4	23
SR-2833-RGB	Extra RF wall transmitter for RGB-RF kit	86	86	13,8
SR-2819S	Extra RF hand transmitter for RGB+W-CW4Z kit	120	55	17
SR-2819SP	RF hand transmitter for RGB+W-CW4Z kit adjustable loop	120	55	17
SR-2819	Extra RF hand transmitter for RGB+W-CW kit 6 zones	140	48	17
SR-3002	Power repeater for power expansion	168	57	29

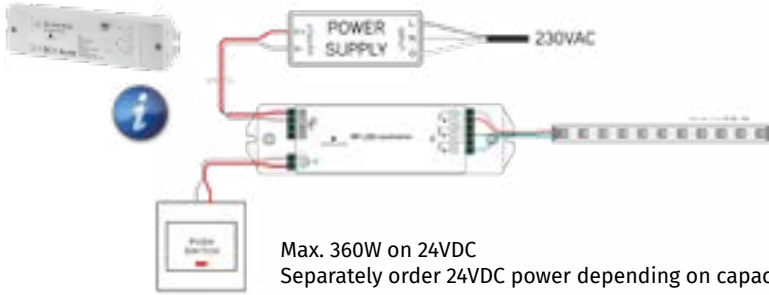
OPERATION RGB(W) LED STRIPS

PUSH-BUTTON CONTROL FOR RGB LED STRIPS

Reference	Description	L	I	H
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PUSH-BUTTON OPERATION

SR-2501RGB	Controller push-button to PWM RGB 3x5A	166	53,4	23
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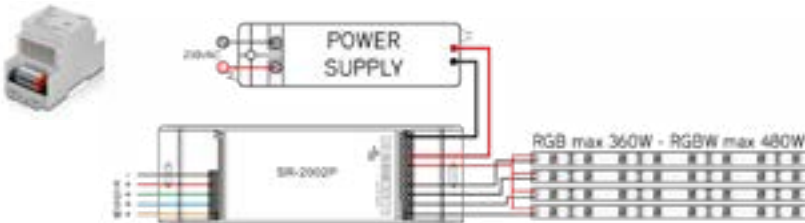
1-10V CONTROL FOR RGB(W) LED STRIPS

Reference	Description	L	I	H
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SR-2002P	Controller 1-10V to PWM RGB(W) 4x5A	166	53,4	23
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SR-2002DIN	Controller 1-10V to PWM RGB(W) 4x5A DIN rail	65	53	98
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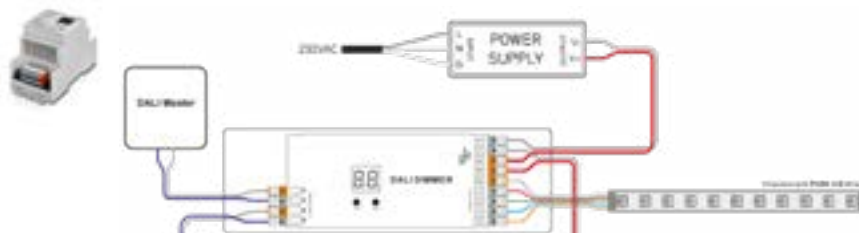
DALI CONTROL FOR RGB(W) LED STRIPS





Reference	Description	L	I	H
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SR-2002P	Control DALI to PWM RGB(W) 480W	166	53,4	23
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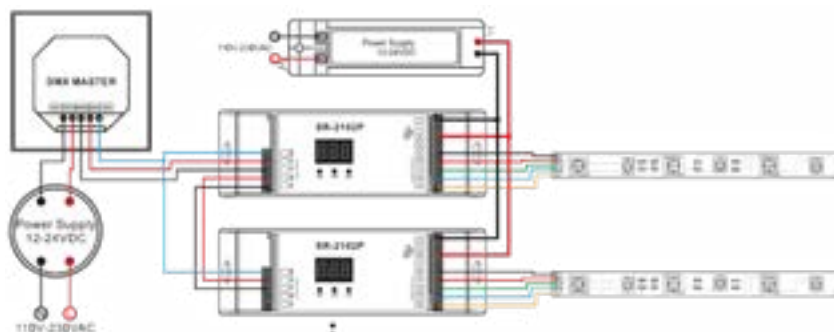
SR-2002DIN	Control DALI to PWM RGB(W) 480W DIN rail	65	53	98
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DMX CONTROL FOR RGB(W) LED STRIPS				
Reference	Description	L	l	H
SR-2102P	Control DMX to PWM RGB(W) 480W	166	53,4	23
				
SR-2102BEA	Control DMX to PWM RGB(W) 750W	170	59	29
				
SR-2102BWP	Control DMX to PWM RGB(W) 480W IP67	180,5	73,6	38
				
SR-2102DIN	Control DMX to PWM RGB(W) 480W DIN rail	65	53	98
				
SR-2811B-DMX	Wall panel RGB(W) 12-24VDC DMX black	86	86	29,1
SR-2811W-DMX	Wall panel RGB(W) 12-24VDC DMX white	86	86	29,1



Fixed pre-programmed DMX start address (R=001, G=002, B=003, W=004).

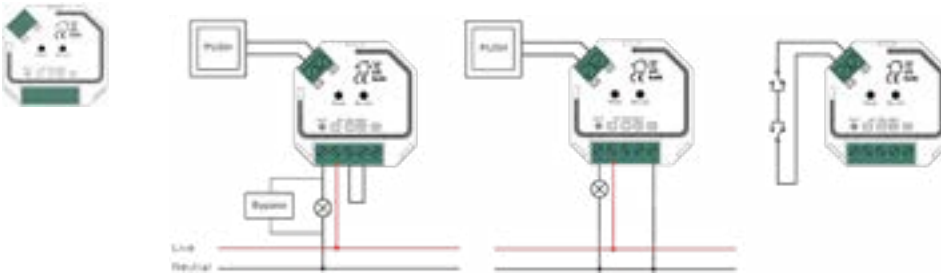


ACCESSORIES

Reference	Description	L	l	H
SR-3002	Power repeater 12-24VDC 4x8A max. 750W	168	59	29
SR-2100	DMX signal amplifier/repeater	145	46	16

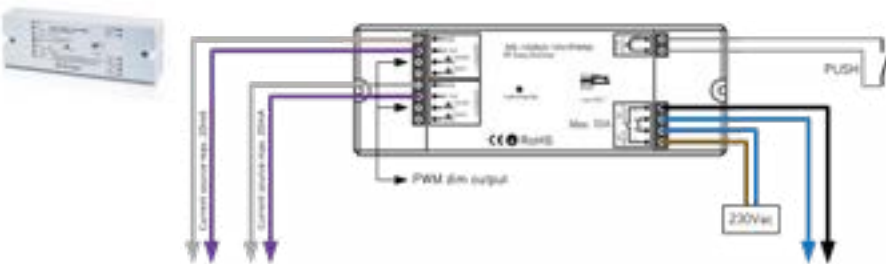
LED DIMMERS AND CONVERTERS

LED DIMMERS AND CONVERTERS				
Reference	Description	L	I	H
TRIAC DIM MODULE, FITS IN WALL BOX, OPERATION WITH PUSH-BUTTON, SWITCH OR ZIGBEE				
SR-ZG9040A	TRIAC LED dimmer 200W 2/3-wire push-button/ZigBee 3.0	45	45	20,3



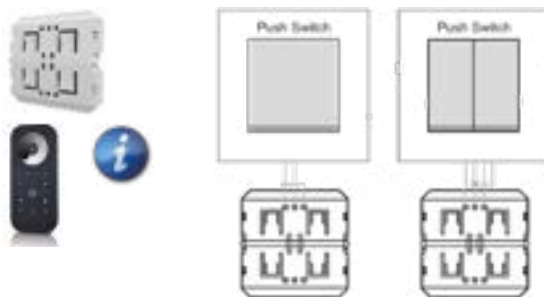
PUSH BUTTON DIMMER 1-10V: WITH BUILT-IN RF RECEIVER

SR-1009-1-10-PWM	Dimmer 1-10V push-button control or wireless	166	53,4	23
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PUSH-BUTTON CONVERTER TO WIRELESS RF: COMPATIBLE WITH SR-1009 RECEIVER

SR-2833P	Converter push-button to wireless RF	40	40	11,2
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Single button or two button mode
 RF signal 434MHz/868MHz, range to 30 m
 Compatible with SR-1009PD, SR-1009PDDIN, SR-1009-1-10PWM
 Battery SR-2833P supplied (CR2430)

ACCESSORIES

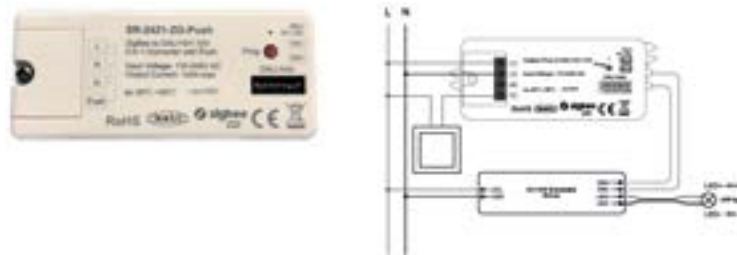
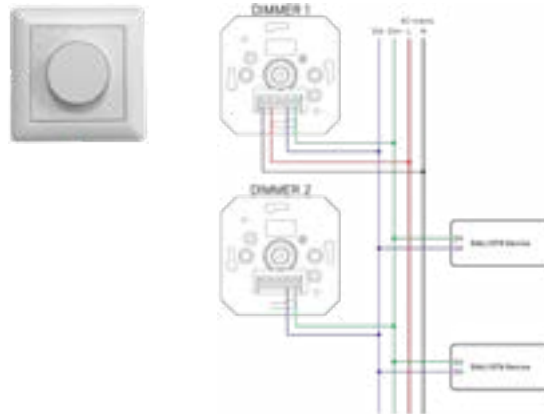
Reference	Description	L	I	H
SR-2819S-DIM	RF hand transmitter for operation SR-1009-1-10-PWM	120	55	17

EASY DALI DIMMER

Integrattech introduces a new range of Easy DALI dimmers. Enjoy the advantages of DALI drivers without expensive control modules or time-consuming programming. On installation only the power and DALI bus need to be connected.

- Connection voltage 100-240VAC
- Built-in DALI power supply 100 mA
- DALI broadcast = no programming required
- Maximum 50 DALI drivers on one DALI circuit
- Maximum 4 dimmers on one DALI circuit
- Maximum length DALI bus 300 metres
- Cannot be combined with existing DALI system.

Reference	Description	L	I	H
SR-2400RB	DALI rotary knob dimmer with built-in DALI power supply	80	80	31,2
SR-2421-ZG-PUSH	DALI push-button dimmer with built-in DALI power supply	80	36	20,5





Downlight

LED downlight.



LED downlight guideline



Power	5-9W	15-35W	12-35W	18W
Max. Lumen	780	3300	3300	1600-1800
Lm/W	70	100	100	100
Reflector	38°	95°	55°	110°
Type reflector	White	White	Alu mat	White
UGR	<19	>19	<19	>19
CRI	90	90	90	80
Flicker-free	Yes	Yes	Yes	Yes
Dimming	Yes	Yes	Yes	No
IP	20	20	20	44
IK	04	04	04	04
Working lifespan	50 000 L80B20	50 000 L80B20	50 000 L80B20	50 000 L80B10

Downlight

P.132

P.134

P.136

P.138





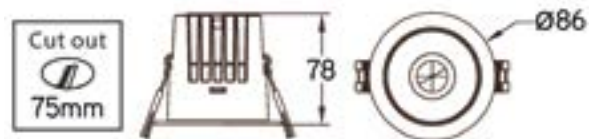
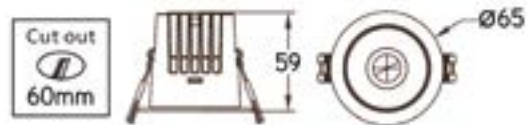
Warranty
5
years



Downlight

DEEP

EYE FOR DETAIL



DEEP W5



DEEP W9



DEEP

Narrow edges
 White reflector UGR<19
 CRI90 LED chip
 Choice from non-dimming Tridonic driver
 or UNIDRIVER with amplitude dimming

Available on a project basis:
 Version with black reflector UGR15

Downlight

Reference	Watt	CCT	Lumen	Cut out	L	l	H
INCLUDING NON-DIMMING TRIDONIC DRIVER AND CONNECTION BOX:							
DEEP5W27	5	2700	430	60	65	65	59
DEEP5W30	5	3000	445	60	65	65	59
DEEP5W40	5	4000	480	60	65	65	59
DEEP9W27	9	2700	700	75	86	86	78
DEEP9W30	9	3000	720	75	86	86	78
DEEP9W40	9	4000	780	75	86	86	78
INCLUDING UNIDRIVER TRIAC/1-10V/DALI AMPLITUDE DIMMING = NO FLICKER OR STROBOSCOPIC EFFECT!							
DEEP5W27DIM	5	2700	430	60	65	65	59
DEEP5W30DIM	5	3000	445	60	65	65	59
DEEP5W40DIM	5	4000	480	60	65	65	59
DEEP9W27DIM	9	2700	700	75	86	86	78
DEEP9W30DIM	9	3000	720	75	86	86	78
DEEP9W40DIM	9	4000	780	75	86	86	78



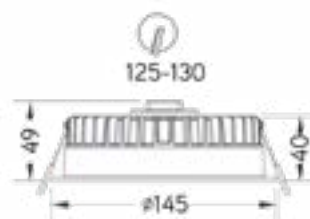
Warranty
5
years



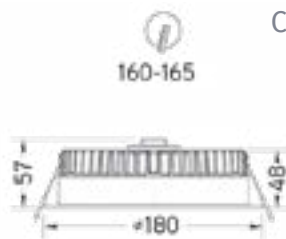
Downlight

COMPACT

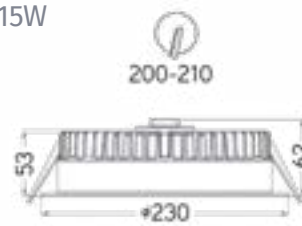
COMPACT AND EFFICIENT



COMPACT 15W



COMPACT 25W



COMPACT 35W



COMPACT

- Compact installation depth
- Clean-lined finish with narrow edges
- Osram SMD3030 LED chips
- Standard CRI90
- Dimming driver with amplitude dimming (UNIDRIVER)
- Or non-dimming driver (Philips)
- Strong assembly clips
- Connection box for fast in/out wiring

Reference	Remplace	Watt	CCT	Lumen	Cut out	L	l	H
INCLUDING NON-DIMMING PHILIPS DRIVER AND CONNECTION BOX:								
COMPACT153	1x26W	15	3000	1330	125-130	145	145	40
COMPACT154	1x26W	15	4000	1400	125-130	145	145	40
COMPACT253	2x26W	25	3000	1805	160-165	180	180	48
COMPACT254	2x26W	25	4000	1900	160-165	180	180	48
COMPACT353	2x32W	35	3000	3135	200-210	230	230	62
COMPACT354	2x32W	35	4000	3300	200-210	230	230	62
INCLUDING UNIDRIVER TRIAC/1-10V/DALI AMPLITUDE DIMMING = NO FLICKER OR STROBOSCOPIC EFFECT!								
COMPACT153DIM	1x26W	15	3000	1330	125-130	145	145	40
COMPACT154DIM	1x26W	15	4000	1400	125-130	145	145	40
COMPACT253DIM	2x26W	25	3000	1805	160-165	180	180	48
COMPACT254DIM	2x26W	25	4000	1900	160-165	180	180	48
COMPACT353DIM	2x32W	35	3000	3135	200-210	230	230	62
COMPACT354DIM	2x32W	35	4000	3300	200-210	230	230	62

Rescued lighting unit

Reference	Description	L	l	H
ECULED212-1H	Emergency unit 1 hour permanent/non-permanent with batteries	169	41	35
ECULED212-3H	Emergency unit 3 hours permanent/non-permanent with batteries	169	41	35

Downlight





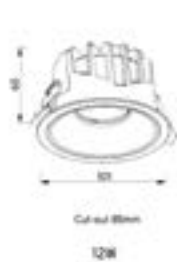
Warranty
5
years



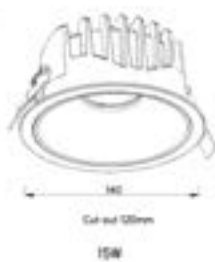
Downlight

SOFT

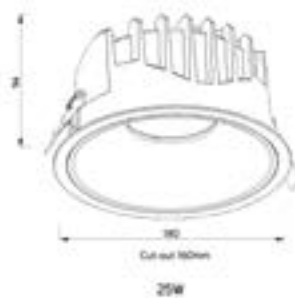
ANTI-GLARE



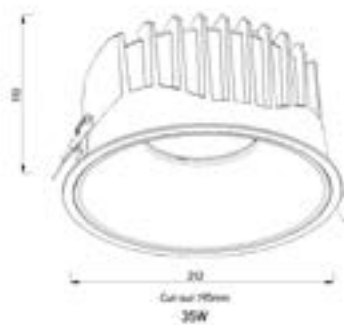
SOFT 12W



SOFT 15W



SOFT 25W



SOFT 35W



SOFT

- Compact installation depth
- Clean-lined finish with narrow edges
- Citizen LED chip CRI90
- UGR<19
- Dimming driver with amplitude dimming (UNIDRIVER) or non-dimming driver (Tridonic)
- Strong assembly clips
- Connection box for fast in/out wiring

Reference	Replace	Watt	CCT	Lumen	Cut out	L	l	H
INCLUDING NON-DIMMING TRIDONIC DRIVER AND CONNECTION BOX:								
SOFT123	1x18W	12	3000	1050	85	101	101	60
SOFT123	1x18W	12	4000	1100	85	101	101	60
SOFT153	2x18W	15	3000	1330	120	140	140	73
SOFT154	2x18W	15	4000	1400	120	140	140	73
SOFT253	2x26W	25	3000	1805	160	180	180	94
SOFT254	2x26W	25	4000	1900	160	180	180	94
SOFT353	2x32W	35	3000	3135	195	212	212	110
SOFT354	2x32W	35	4000	3300	195	212	212	110
INCLUDING UNIDRIVER TRIAC/1-10V/DALI AMPLITUDE DIMMING = NO FLICKER OR STROBOSCOPIC EFFECT!								
SOFT123DIM	1x18W	12	3000	1050	85	101	101	60
SOFT123DIM	1x18W	12	4000	1100	85	101	101	60
SOFT153DIM	2x18W	15	3000	1330	120	140	140	73
SOFT154DIM	2x18W	15	4000	1400	120	140	140	73
SOFT253DIM	2x26W	25	3000	1805	160	180	180	94
SOFT254DIM	2x26W	25	4000	1900	160	180	180	94
SOFT353DIM	2x32W	35	3000	3135	195	212	212	110
SOFT354DIM	2x32W	35	4000	3300	195	212	212	110

Downlight

Rescued lighting unit

Reference	Description	L	l	H
ECULED212-1H	Emergency unit 1 hour permanent/non-permanent with batteries	169	41	35
ECULED212-3H	Emergency unit 3 hours permanent/non-permanent with batteries	169	41	35





Downlight

PURE TOPS

THE ADAPTABLE SPOT

A design spot that adapts to all recessed drilling. The one-piece design of these spotlights guarantees ease of installation and connection.



Pure Tops



pure
by lebenoid

POLYVALENT

Horizontal circulations

Tertiary

Offices

RAL
9003

Power (W)	CCT	Source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Model
-----------	-----	--------	-------	-------------------------	--------------------	-------	-------

INFRARED

18W LED	3000K - 6500K	LED board	II	50 000h	1600 - 1800	0.831.04	U4
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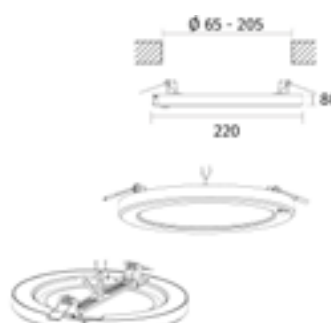
Downlight

TECHNICAL DATA

- Body and Diffuser in polycarbonate.
- Easy assembly: support by two adjustable ressors according to the thickness of the support.



SIZE (MM)



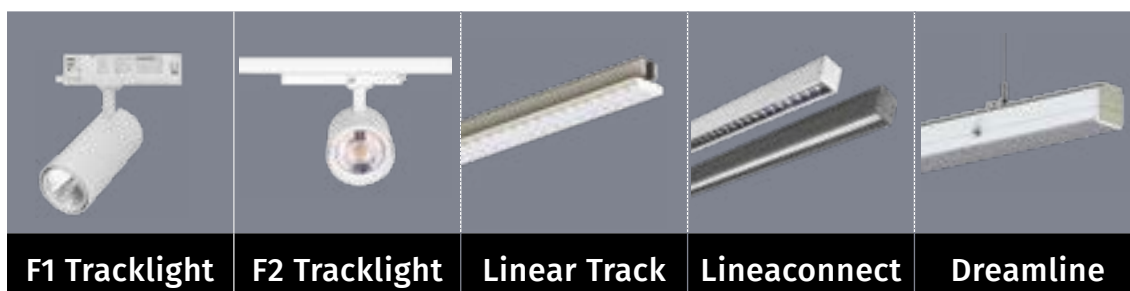


Track light

Track Light.



Track Light guideline



Size	mm	140 x 62 x 140 190 x 90 x 78 200 x 110 x 200	224 x 95 x 115	1504 x 64 x 54	1125 x 49 x 64 1148 x 49 x 64	1437 x 64.5 x 20
Power	W	15-45	20-30	61	40	63
Luminous flux	lm	1425-4500	1900-3000	7498-8309	3200-3600	8571-9017
Protection indices	IP	20	20	20	20	40
	IK	07	07	06		07
Working lifespan		50 000 L80B20	50 000 L80B20	50 000 L80B20	50 000 L80B20	64 000 L70B10

Track light

P.142

P.144

P.146

P.148

P.150



3-phase rails P.154





Warranty
5
years



Track light

F1 TRACKLIGHT

SHOP AND SHOWROOM LIGHTING

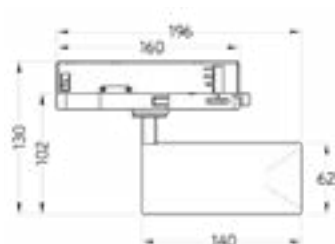
Flicker-free Osram driver
Driver in the track adapter
CRI>90 Citizen LED chip
Alanod reflector with 97% efficiency

Possible versions: contact us

DALI dimmable
Smart interface BLE Integraconnect
Color rendering CRI82/CRI97

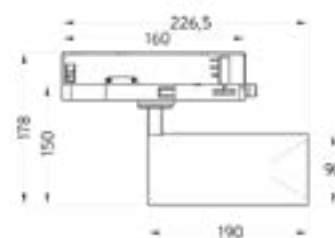
* Other reflector 20 °, 30 ° and 60 ° (15W only 20 and 30 °)
available on request





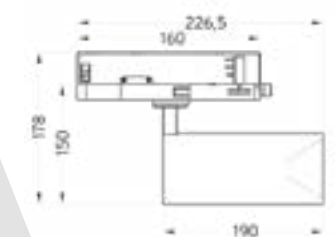
Tracklights 15W

Reference	Description	Watt	CCT	Lumen	L	l	H
F115DI-B3000	3000K IRC90 black 30°	15	3000	1425	140	62	140
F115DI-B4000	4000K IRC90 black 30°	15	4000	1500	140	62	140
F115DI-W3000	3000K IRC90 white 30°	15	3000	1425	140	62	140
F115DI-W4000	4000K IRC90 white 30°	15	4000	1500	140	62	140



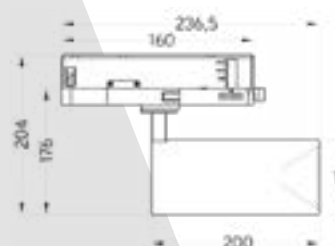
Tracklights 25W

Reference	Description	Watt	CCT	Lumen	L	l	H
F125DI-B3000	3000K IRC90 black 30°	25	3000	2375	190	90	178
F125DI-B4000	4000K IRC90 black 30°	25	4000	2500	190	90	178
F125DI-W3000	3000K IRC90 white 30°	25	3000	2375	190	90	178
F125DI-W4000	4000K IRC90 white 30°	25	4000	2500	190	90	178



Tracklights 35W

Reference	Description	Watt	CCT	Lumen	L	l	H
F135DI-B3000	3000K IRC90 black 30°	35	3000	3325	190	90	178
F135DI-B4000	4000K IRC90 black 30°	35	4000	3500	190	90	178
F135DI-W3000	3000K IRC90 white 30°	35	3000	3325	190	90	178
F135DI-W4000	4000K IRC90 white 30°	35	4000	3500	190	90	178



Tracklights 45W

Reference	Description	Watt	CCT	Lumen	L	l	H
F145DI-B3000	3000K IRC90 black 30°	45	3000	4275	200	110	200
F145DI-B4000	4000K IRC90 black 30°	45	4000	4500	200	110	200
F145DI-W3000	3000K IRC90 white 30°	45	3000	4275	200	110	200
F145DI-W4000	4000K IRC90 white 30°	45	4000	4500	200	110	200

Track light



Warranty
5
years



Track light

F2 TRACKLIGHT

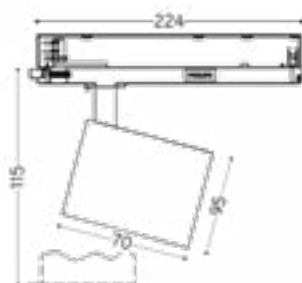
SHOP AND SHOWROOM LIGHTING

Flicker-free Osram driver
Driver integrated in the track adapter
CRI>90 Citizen LED chip

Possible versions: contact us

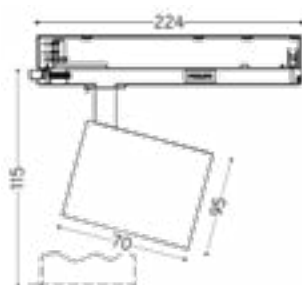
DALI dimmable
Color rendering CRI82/CRI97
Lens 15°/24°/36° (36° = standard) or 60 ° (Now available from stock)
Low UGR honeycomb separately available





Tracklights F2 20W

Reference	Description	Watt	CCT	Lumen	L	l	H
F220DI-B3000	Track light F2 IRC90 black 36°	20	3000	1900	224	95	115
F220DI-B4000	Track light F2 IRC90 black 36°	20	4000	2000	224	95	115
F220DI-W3000	Track light F2 IRC90 white 36°	20	3000	1900	224	95	115
F220DI-W4000	Track light F2 IRC90 white 36°	20	4000	2000	224	95	115



Tracklights F2 30W

Reference	Description	Watt	CCT	Lumen	L	l	H
F230DI-B3000	Track light F2 IRC90 black 36°	30	3000	2850	224	95	115
F230DI-B4000	Track light F2 IRC90 black 36°	30	4000	3000	224	95	115
F230DI-W3000	Track light F2 IRC90 white 36°	30	3000	2850	224	95	115
F230DI-W4000	Track light F2 IRC90 white 36°	30	4000	3000	224	95	115

Track light



Track light: F2 is supplied as standard with 36 ° lens

ACCESSORIES

Reference	Description
F2LEN15	Separate lens for F2 track light 15 °
F2LEN24	Separate lens for F2 track light 24 °
F2LEN60	Separate lens for F2 track light 60 °
F2HON	Honeycomb low UGR screening for F2 track light





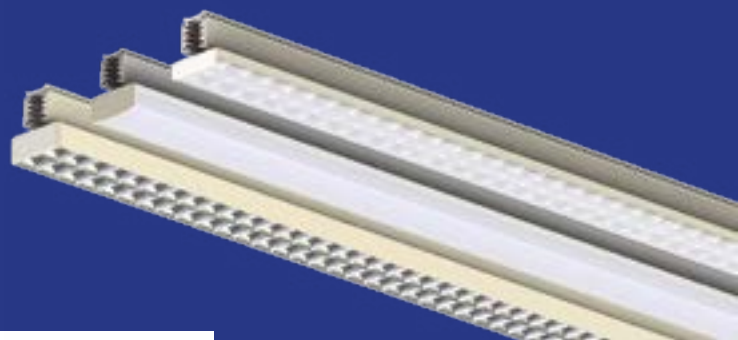
Warranty
5
years



Track light

LINEAR TRACK

Ultra-slim design
Driver integrated in the track adapter
Phase and power selection with dipswitch
Standard CRI90
Fits in all usual 3-phase rails



Available from stock: 3000K and 4000K, 120 ° and 90 °, white or black.
Other lenses on demand. (Minimum order off 200 pieces))

Possible options: Contact us

Driver DALI



White RAL9016

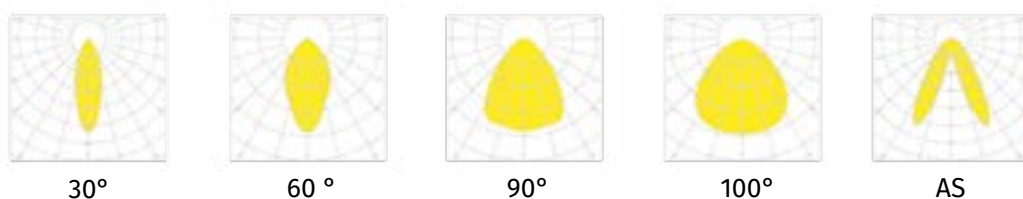
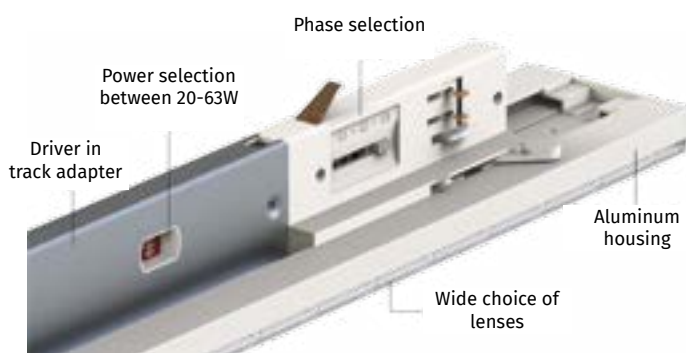
Reference	Description	Watt max	CCT	Lumen max	L	l	H
LT15613R120	Linear track 61W IRC90 120° white 3000K	61	3000	7498	1504	64	54
LT15614R120	Linear track 61W IRC90 120° white 4000K	61	4000	7895	1504	64	54
LT15613R90	Linear track 61W IRC90 90° white 3000K	61	3000	7893	1504	64	54
LT15614R90	Linear track 61W IRC90 90° white 4000K	61	4000	8309	1504	64	54



Black RAL9005

Reference	Description	Watt max	CCT	Lumen max	L	l	H
LT15613R120B	Linear track 61W IRC90 120° black 3000K	61	3000	7498	1504	64	54
LT15614R120B	Linear track 61W IRC90 120° black 4000K	61	4000	7895	1504	64	54
LT15613R90B	Linear track 61W IRC90 90° black 3000K	61	3000	7893	1504	64	54
LT15614R90B	Linear track 61W IRC90 90° black 4000K	61	4000	8309	1504	64	54

Track light





Warranty
5
years



Track light

LINEACONNECT

LINEAR LIGHTING
FAST AND SIMPLE

Possible options: contact us

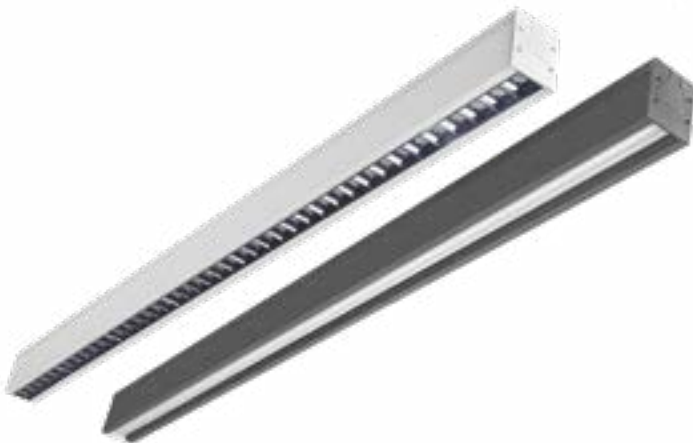
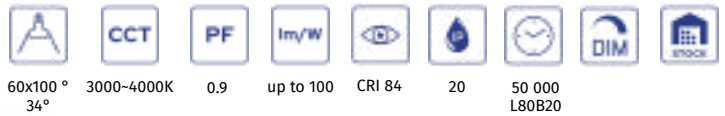
Driver DALI
IRC90

Type LC with opal diffuser 60x100 °



Type LCU
UGR<10

Quick and simple to connect



Lineaconnect

Sublime light output
Simple and quick to connect
Up to 100lm/W
Opal diffuser 60x100 ° or UGR>10 grid
Dimmable 1-10V
Available from stock
Surface mounting brackets and coupler included

Track light

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
LC403B	Lineaconnect 1,2m black UGR 21	40	3000	20	3600	1125	49	64
LC403W	Lineaconnect 1,2m white UGR 21	40	3000	20	3600	1125	49	64
LC404B	Lineaconnect 1,2m black UGR 21	40	4000	20	3800	1125	49	64
LC404W	Lineaconnect 1,2m white UGR 21	40	4000	20	3800	1125	49	64
LCU403B	Lineaconnect 1,2m black UGR<10	40	3000	20	3200	1148	49	64
LCU403W	Lineaconnect 1,2m white UGR<10	40	3000	20	3200	1148	49	64
LCU404B	Lineaconnect 1,2m black UGR<10	40	4000	20	3360	1148	49	64
LCU404W	Lineaconnect 1,2m white UGR<10	40	4000	20	3360	1148	49	64

ACCESSORIES

Reference	Description	L	l	H
LCSUS	Pendant set for lineaconnect 2 metres	2000	1	1
LCBOXB	Ceiling box round for lineaconnect black	50	50	12
LCBOXW	Ceiling box round for lineaconnect white	50	50	12



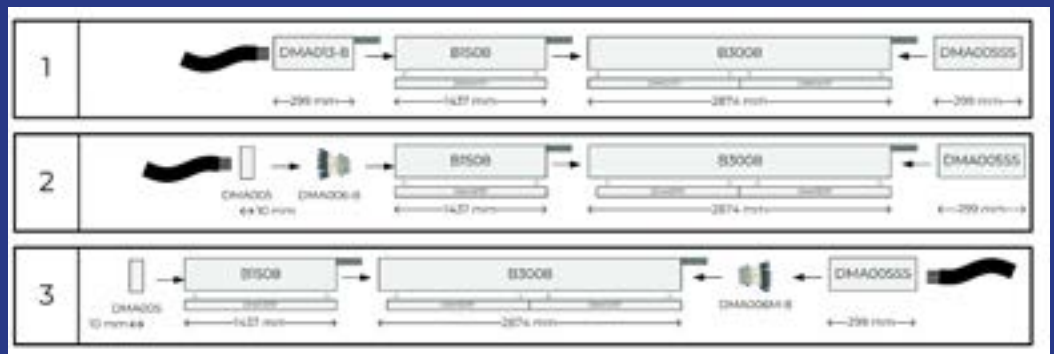


Track light

DREAMLINE

ENDLESS COMBINATIONS

Assembly possibilities





Asymmetrical

120°

30/60/90 °

Dreamline

Endless combinations for line lighting system
Simple and fast assembly
Supporting profile with 8-core wiring
Suitable for 3-phase, dimming and emergency unit
ENEC-approved Osram driver

Support rails



Reference	Description	L	l	H
B1508	Supporting profile 1437 mm 1U 8x2.5 mm ²	1437	64,5	50
B3008	Supporting profile 2874 mm 2U 8x2.5 mm ²	2874	64,5	50

ASSEMBLY ACCESSORIES FOR SUPPORT RAILS



DMA001	Dreamline bracket for ceiling attachment	64,5	40	15
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DMA002	Dreamline pendant suspension with steel wire 2 m	2000	1,5	1,5
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A15CA	Dreamline plastic end guard 1437 mm	1437	64,5	1,5
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Power support rail



Reference	Description	L	l	H
DMA013-8	Dreamline power with terminal block 8x2.5 mm ²	299	64,5	50



DMA005SS	Dreamline end box for supporting profile	299	64,5	50
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DMA005	Dreamline end cap for supporting profile	64,5	10	50
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DMA006-8	Dreamline power connector 8-pole (female) 240 V 15A 8x2.5 mm ²	60	25	15
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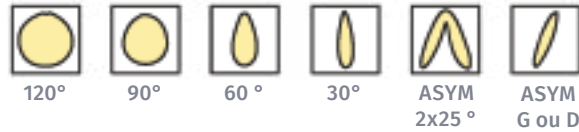
DMA006M-8	Dreamline throughput connector 8-pole (male) 240 V 15A 8x2.5 mm ²	60	25	15
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Special modules



Reference	Description	L	l	H
A15PIRDALI	Sensor module 1437 mm microwave DALI max. 15 LED modules	1437	64,5	20
A15TRA3F	Module 1437 mm with internal 3-phase rail of 700 mm for track lights	1437	64,5	20

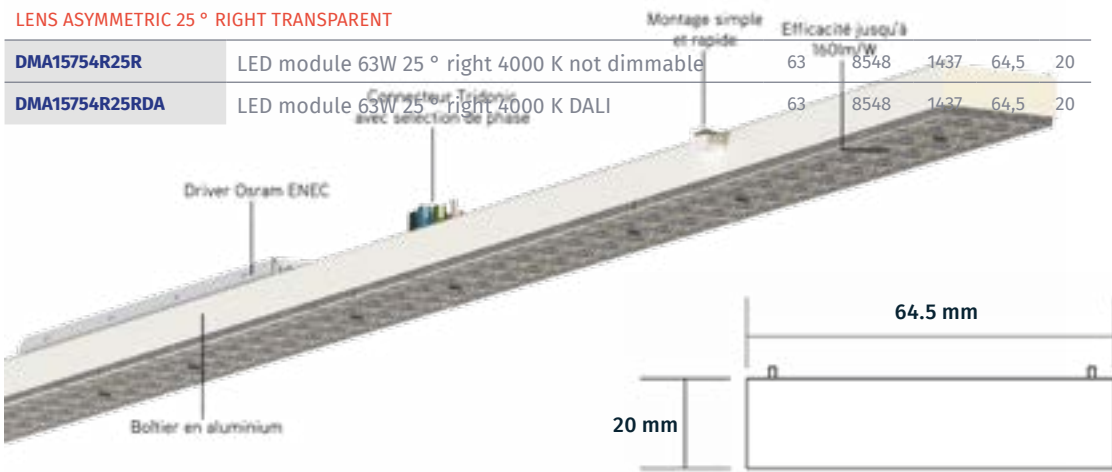




LED modules with Osram driver not dimmable or DALI dimmable

Reference	Description	Watt	Lumen	L	l	H
DIFFUSER OPAL 120 °						
DMA15754R120	LED module 63W 120 ° 4000 K not dimmable	63	8574	1437	64,5	20
DMA15754R120DA	LED module 63W 120 ° 4000 K DALI	63	8571	1437	64,5	20
DMA15754R120EM	LED module 63W 120 ° 4000 K not dimmable emergency unit 3 h	63	8574	1437	64,5	20
DMA15754R120DAEM	LED module 63W 120 ° 4000 K DALI + emergency unit 3 h	63	8571	1437	64,5	20
LENS 90 ° TRANSPARENT						
DMA15754R90	LED module 63W 90 ° 4000 K not dimmable	63	9704	1437	64,5	20
DMA15754R90DA	LED module 63W 90 ° 4000 K DALI	63	9704	1437	64,5	20
DMA15754R90EM	LED module 63W 90 ° 4000 K not dimmable emergency unit 3 h	63	9717	1437	64,5	20
DMA15754R90DAEM	LED module 63W 90 ° 4000 K DALI + emergency unit 3 h	63	9717	1437	64,5	20
LENS 60 ° TRANSPARENT						
DMA15754R60	LED module 63W 60 ° 4000 K not dimmable	63	8548	1437	64,5	20
DMA15754R60DA	LED module 63W 60 ° 4000 K DALI	63	8548	1437	64,5	20
LENS 30 ° TRANSPARENT						
DMA15754R30	LED module 63W 30 ° 4000 K not dimmable	63	8548	1437	64,5	20
DMA15754R30DA	LED module 63W 30 ° 4000 K DALI	63	8548	1437	64,5	20
LENS ASYMMETRIC 2X25 ° TRANSPARENT						
DMA15754R2x25	LED module 63W asym 2x25 ° 4000 K not dimmable	63	8548	1437	64,5	20
DMA15754R2x25DA	LED module 63W asym 2x25 ° 4000 K DALI	63	8548	1437	64,4	20
LENS ASYMMETRIC 25 ° LEFT TRANSPARENT						
DMA15754R25L	LED module 63W 25 ° left 4000 K not dimmable	63	8548	1437	64,5	20
DMA15754R25LDA	LED module 63W 25 ° left 4000 K DALI	63	8548	1437	64,5	20

LENS ASYMMETRIC 25 ° RIGHT TRANSPARENT						
DMA15754R25R	LED module 63W 25 ° right 4000 K not dimmable	63	8548	1437	64,5	20
DMA15754R25RDA	LED module 63W 25 ° right 4000 K DALI	63	8548	1437	64,5	20



Track light



25-120°



4000K



0.92



to 160



CRI >83



40



07



64 000
L70B10



DALI



TRACK



120°



90°

Dreamline Universal Retrofit

Universal LED module equipped with 7- or 8-pole through-wiring and connectors male/female. The universal retrofit module fits in supporting profiles of other brands. Thanks to the integrated through-wiring the obsolete wiring on the existing supporting profiles must no longer be used. Fitted with ENEC-approved Osram driver, non-dimming or DALI.

The universal retrofit module fits in supporting profiles from:

Trilux E-line
Veko PRN
Regiolux SDT/SPT/SMT
Siteco DUS
Modario
Fluolite TRX
Zumtobel ZX1/ZX2
Ludwig TR50W
Philips TTX/Maxos
Ridi VLT/SLG/VLG
Lite-licht.



Number on circuit breaker

Inrush current	B10	B16	B20	B25	C10	C16	C20	C25
< 40A	10	16	20	25	16	26	33	41

Reference	Description	Watt	Lumen	L	l	H
DMAUNI15754R120	Dreamline retrofit diffuser opal 120 ° 4000 K	63	8574	1437	64,5	24,5
DMAUNI15754R120DA	Dreamline retrofit diffuser opal 120 ° 4000 K DALI	63	8571	1437	64,5	20
DMAUNI15754R120EM	Dreamline retrofit diffuser opal 120 ° 4000 K emergency unit 3 h	63	8574	1437	64,5	20
DMAUNI15754R120DAEM	Dreamline retrofit diffuser opal 120 ° 4000 K DALI emergency unit 3 h	63	8574	1437	64,5	20
DMAUNI15754R90	Dreamline retrofit lens transparent 90 ° 4000 K	63	9704	1437	64,5	20
DMAUNI15754R90DA	Dreamline retrofit lens transparent 90 ° 4000 K DALI	63	9704	1437	64,5	20
DMAUNI15754R90EM	Dreamline retrofit lens transparent 90 ° 4000 K emergency unit 3 h	63	9717	1437	64,5	20
DMAUNI15754R90DAEM	Dreamline retrofit lens transparent 90 ° 4000 K DALI emergency unit 3 h	63	9717	1437	64,5	6,5

Track light

Assembly accessories

Reference	Description
DREAMUNI0027	Power connector for dreamline retrofit 8x1.5 mm ²
DREAMUNI003-715	Extension cable dreamline retrofit male/female 1.5 m 8x1.5 mm ²
DREAMUNI003-730	Extension cable dreamline retrofit male/female 3 m 8x1.5 mm ²
A15CB	Blank cover aluminium 1.5 m





RAILS TRIPHASÉS



Universal three-phase rails with all mounting and fastening ACCESSORIES. White or black finish. Standard with 7-pole circuit, suitable for dimmable and non-dimmable applications.

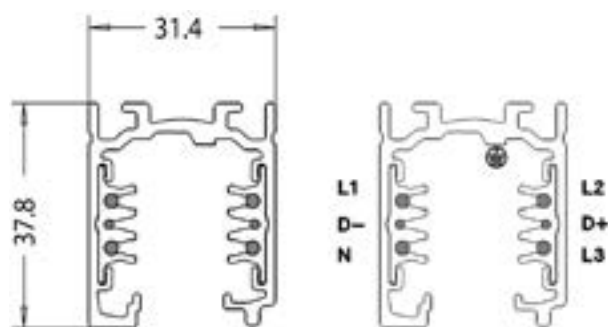


3-phase rails:

Reference	Description	L	l	H
TRA3F1MB	Three-phase universal rail 1m black 7-pole 3Ph+N+Sun	1000	35,2	35,5
TRA3F1MW	Three-phase universal rail 1m white 7-poles 3Ph+N+Sun	1000	35,2	35,5
TRA3F2MB	Three-phase universal rail 2m black 7-poles 3Ph+N+Sun	2000	35,2	35,5
TRA3F2MW	Three-phase universal rail 2m white 7-poles 3Ph+N+Sun	2000	35,2	35,5
TRA3F3MB	Three-phase universal rail 3m black 7-poles 3Ph+N+Sun	3000	35,2	35,5
TRA3F3MW	Three-phase universal rail 3m white 7-poles 3Ph+N+Sun	3000	35,2	35,5

Power :

Reference	Description	L	l	H
TRA3FPOWLb	Power left black	98,5	35,2	35,5
TRA3FPOWLW	Power left white	98,5	35,2	35,5
TRA3FPOWRb	Power right black	98,5	35,2	35,5
TRA3FPOWRW	Power right white	98,5	35,2	35,5
TRA3FPOWMB	Power central black	166	35,2	35,5
TRA3FPOWMW	Power central white	166	35,2	35,5



End caps



Power



Bend



Central power



coupler

Connection :

Reference	Description	L	l	H
TRA3FECB	End caps black	31,3	35,2	35,5
TRA3FECW	End caps white	31,3	35,2	35,5
TRA3FCB	Coupler black	68	20,5	35
TRA3FCW	Coupler white	68	20,5	35
TRA3FLB	Bend left black	100,7	100,7	35,5
TRA3FLW	Bend left white	100,7	100,7	35,5
TRA3FRB	Bend right black	100,7	100,7	35,5
TRA3FRW	Bend right white	100,7	100,7	35,5
TRA3FFLEXB	Bend flexible black	228	35,2	35,5
TRA3FFLEXW	Bend flexible white	228	35,2	35,5



Fixation :

Reference	Description	L	l	H
TRA3FPLA	Ceiling fixing	35	35,2	35,5
TRA3FSUSB	Suspension steel wire 3m black	5000	35	59,5
TRA3FSUSW	Steel wire suspension 3m White	5000	35	59,5



Industrial
Striplights

Industrial Striplights.



Industrial striplights guideline



Size	mm	605 x 135 x 73	600 x 95 x 83	1200 x 63 x 60	1198 x 60 x 60	1152 x 75 x 86
		905 x 135 x 73	1200 x 95 x 83	1500 x 81 x 60	1498 x 60 x 60	
		1205 x 135 x 73	1500 x 95 x 83	1245 x 70 x 68	1305 x 68 x 68	
		1505 x 135 x 73			1605 x 68 x 68	
Power	W	40	9-60	34-50	40-60	40
Luminous flux	lm	3200-3600	1269-9000	3960-5500	5440-9664	5442-5506
Protection indices	IP	20	66	65-66	65	69
	IK		08	08	10	06-10
Working lifespan		50 000 L80B20	70 000 L80B10	30 000 L70B50 50 000 L70B50	60 000 L80B10	75 000 L80B50

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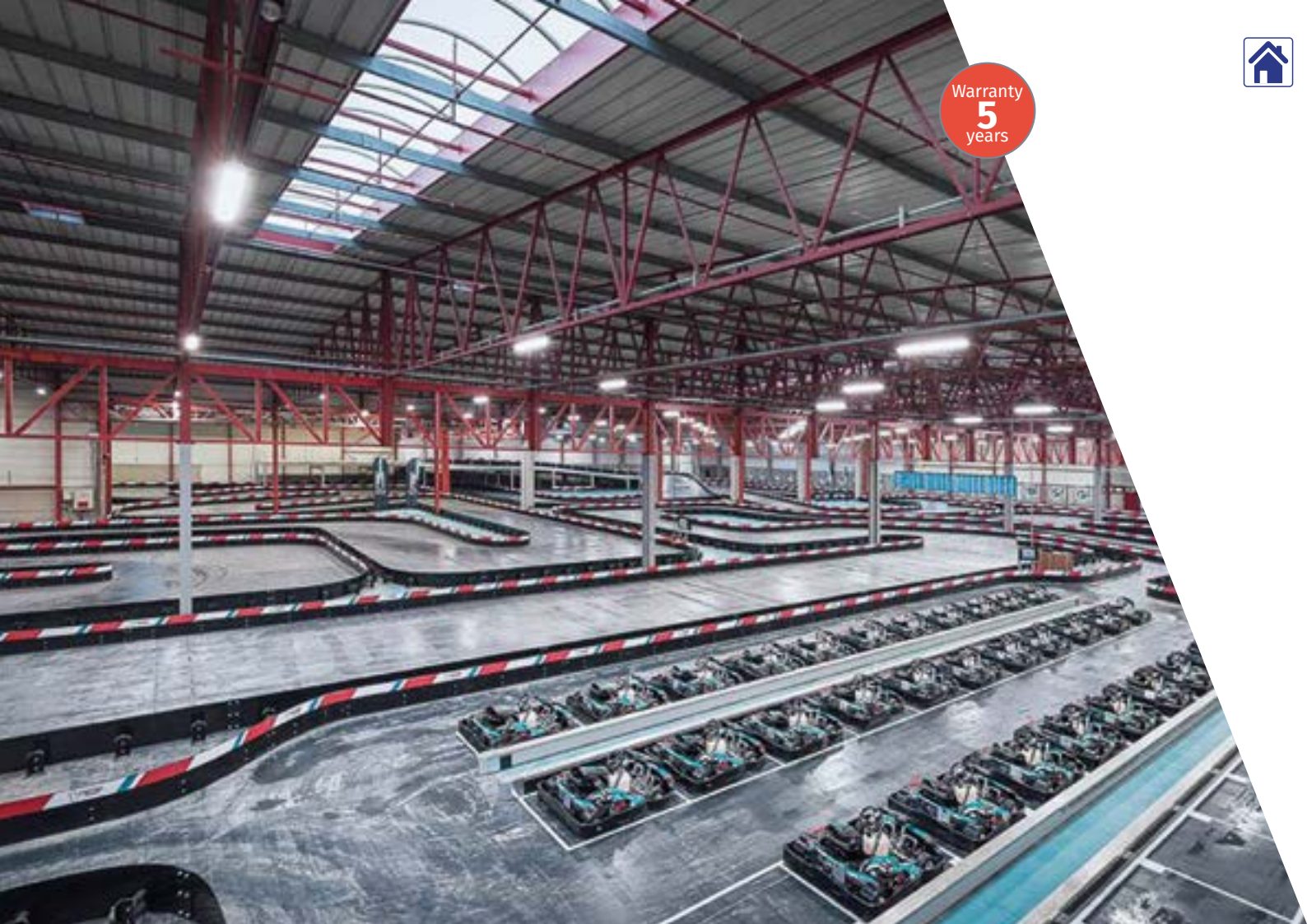
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Warranty
5
years



U BOAT HO

ROBUST AND DURABLE

Industrial
Striplights

Possible options: contact us

Dimming driver 1-10V or DALI
Microwave sensor
Emergency unit



120°

4000K

0.95

150

CRI >80

65

10

50 000
L80B20



Homogenous lighting to 150lm/W
 Connection box in/out with M20 cable glands
 Supplied with directable mounting brackets
 PC diffuser IK10
 5-year warranty

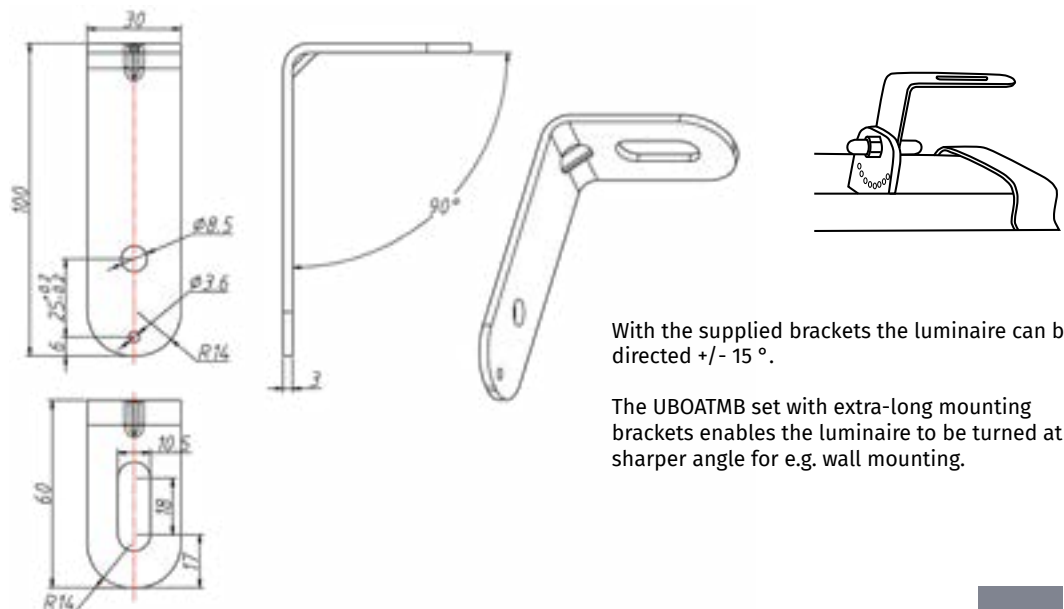
U boat HO

Reference	Watt	Lumen	L	l	H
UBOAT1004HO	100	15022	605	135	73
UBOAT1504HO	150	22567	905	135	73
UBOAT2004HO	200	30725	1205	135	73
UBOAT2404HO	240	36585	1505	135	73



ACCESSORIES

Reference	Description	L	l	H
UBOATSUS	UBOAT pendant set 2 metres	2	2	2000
UBOATMB	UBOAT set extra-long brackets	605	135	73



With the supplied brackets the luminaire can be directed +/- 15°.

The UBOATMB set with extra-long mounting brackets enables the luminaire to be turned at a sharper angle for e.g. wall mounting.





Warranty
5
years



HWDP

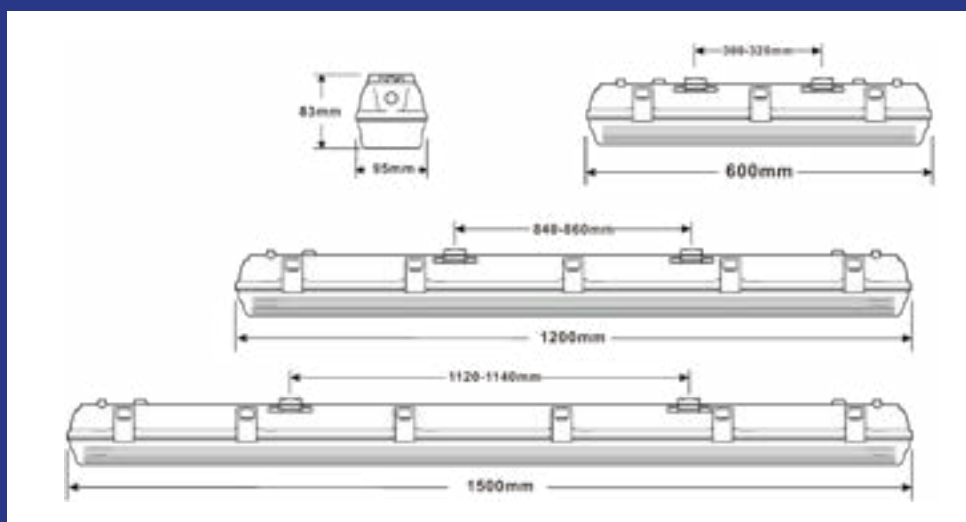
COMPLETE IN ALL RESPECTS

Industrial
Striplights

Possible options: contact us

Other color temperature
Dimming driver 1-10V/DALI

Cable entry is possible via
ceiling with 2 rubber seals,
included in packaging





120°

4000K

0.95

130

CRI >80

66

08

70 000
L80B10

HWDP

IP66 housing, impact-resistant PC IK08

Up to 130lm/W

Pre-assembled stainless steel clips

Feed-through wiring 5x2.5 mm²

LED PCB not touchable

Fall protection with steel cables

SELV driver max. 50VDC

Including 2 M20 cable glands

Sensor version 3-step dim

Adjustable with remote or dipswitch

Emergency unit self-test function and LifePO batteries



Reference	Watt	Lumen	L	l	H
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WITHOUT SENSOR

HWDP-9064	9	1269	600	95	83
HWDP-18064	18	2551	600	95	83
HWDP-18124	18	2551	1200	95	83
HWDP-36124	36	4723	1200	95	83
HWDP-25154	25	3362	1500	95	83
HWDP-50154	48	6185	1500	95	83

MICROWAVE SENSOR 3-STEP DIM

HWDP-18124RF	18	2551	1200	95	83
HWDP-36124RF	36	4723	1200	95	83
HWDP-25154RF	25	3362	1500	95	83
HWDP-50154RF	48	6185	1500	95	83

WITH MICROWAVE SENSOR AND EMERGENCY UNIT SELF-TEST

HWDP-18124EMSRF	18	2500	1200	95	83
HWDP-36124EMSRF	36	4630	1200	95	83
HWDP-25154EMSRF	25	3295	1500	95	83
HWDP-50154EMSRF	48	6100	1500	95	83

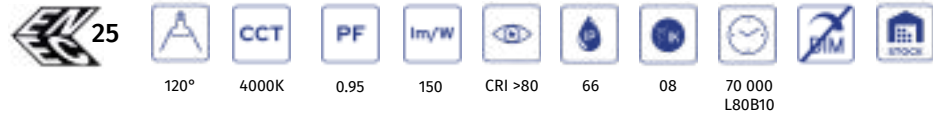
WITH EMERGENCY UNIT SELF-TEST FUNCTION 3 H LIFEPO BATTERIES

HWDP-18124EMS	18	2500	1200	95	83
HWDP-36124EMS	36	4630	1200	95	83
HWDP-25154EMS	25	3295	1500	95	83
HWDP-50154EMS	48	6100	1500	95	83

Remark : Warranty for LifePO batteries = 3 years
Sensor version (RF): maximum mounting height of 3.6 meters.

Version up to 8 meters mounting height available on request.





HWDP High output

- IP66 housing, impact-resistant PC IK08
- Up to 150lm/W
- Pre-assembled stainless steel clips
- Feed-through wiring 5x2.5 mm²
- LED PCB not touchable
- Fall protection with steel cables
- SELV driver max. 50VDC
- Including 2 M20 cable glands
- Sensor version 3-step dim
- Adjustable with remote or dipswitch
- Emergency unit self-test function and LifePO batteries

Reference	Watt	Lumen	L	l	H
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HIGH OUTPUT VERSION 150LM/W, WITHOUT SENSOR

HWDP-36124HO	36	5292	1200	95	83
HWDP-50154HO	48	7100	1500	95	83
HWDP-60154HO	60	9000	1500	95	83

HIGH OUTPUT VERSION 150LM/W, WITH MICROWAVE SENSOR 3-STEP DIM

HWDP-36124HORF	36	5292	1200	95	83
HWDP-50154HORF	48	7100	1500	95	83
HWDP-60154HORF	60	9000	1500	95	83

WITH EMERGENCY UNIT AND SELF-TEST FUNCTION 3 H LIFEPO BATTERIES

HWDP-36124HOEMS	36	5292	1200	95	83
HWDP-50154HOEMS	48	7100	1500	95	83
HWDP-60154HOEMS	60	9000	1500	95	83

WITH MICROWAVE SENSOR AND EMERGENCY UNIT SELF-TEST FUNCTION 3 H LIFEPO BATTERIES

HWDP-36124HOEMSRF	36	5292	1200	95	83
HWDP-50154HOEMSRF	48	7100	1500	95	83
HWDP-60154HOEMSRF	60	9000	1500	95	83



HWDP optional accessories

Reference	Description	L	l	H
HWDP-SUS	Pendant set 1.5 m for HWDP	1500	1	1
INT-REMOTE	Universal infrared transmitter for RF version	123	70	20,3

Settings with remote control:
Power lighting, sensitivity, timer extinction or decrease in intensity, depending on the surrounding light.



Industrial
Striplights





PURE LINE

POLYVALENT DESIGN

The Pure Line striplight offers very easy network installation.

Thanks to its modern design and differentiation from other strips on the market, Pure Line adapts both to a classic use (parking, industrial premises etc.) and to use in the more exposed circulation areas of buildings.



Pure Line



Version MW

POLYVALENT

- Horizontal circulations
- Tertiary
- Vertical circulations
- Technical premises
- Warehouses
- Car park
- Workshops



RAL 9003

Power (W)	CCT	Source	Class	Working lifespan L70B50	Luminous flux (lm)	White	Taille
-----------	-----	--------	-------	-------------------------	--------------------	-------	--------

ON/OFF

36W LED	4000K	LED board	II	50 000h	3960	0.550.40	T1
50W LED	4000K	LED board	II	50 000h	5500	0.550.42	T3

MICROWAVE

34W LED - IP66	4000K	LED board	II	30 000h	4760	0.550.50	T4
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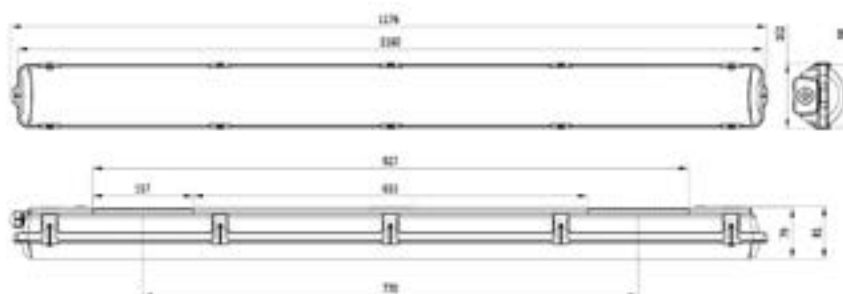
T1



T3



T4



Industrial Striplights

- Body and Diffuser in polycarbonate.
- Easy mounting: 2 fixing points according to models with possible adjustment.

In general and except in special cases, our products are not intended for permanent or continuous operation. It is recommended to use our products on timer or with presence detector (integrated or remote) in order to preserve their lifespan. Light sources. All our luminaires come with their source(s) (unless otherwise stated).



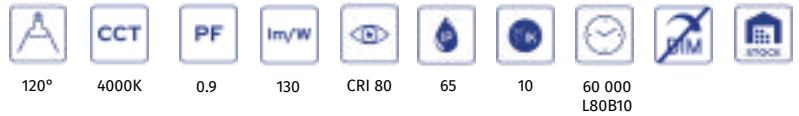
Warranty
5
years



SPEEDY

EASE OF INSTALLATION

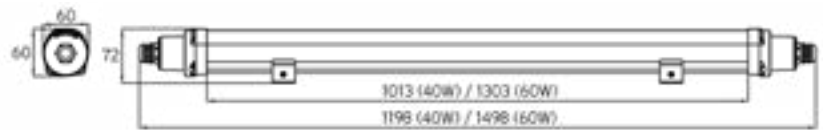
Industrial
Striplights



InExtremely quick installation
 PC housing IK10
 Up to 130lm/W
 Feed-through wiring 3x2.5 mm²
 Options on project basis: 3000~6000K

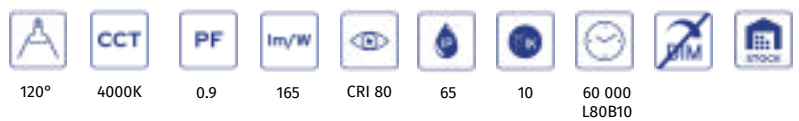
SPEEDY basic

Reference	Watt	Lumen	L	l	H
SPDB12404	40	5440	1198	60	60
SPDB15604	60	7577	1498	60	60



ACCESSORIES Speedy basic

Reference	L	l	H
SPDB-CONNECT	75	56,6	56,6



Extremely quick installation
 PC housing IK10
 Up to 165lm/W
 Feed-through wiring 5x2.5 mm²

Options on project basis:
 dimmable 1-10V/DALI
 microwave sensor
 emergency unit 3 h 10W

SPEEDY High output

Reference	Watt	Lumen	L	l	H
SPDHO12404	40	6482	1305	68	68
SPDHO15604	60	9654	1605	68	68





Warranty
5
years



PROTECT

EXTREME ENVIRONMENTS

Industrial
Striplights

Possible options: contact us

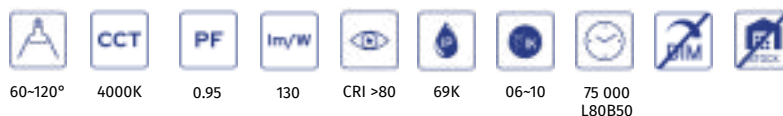
Optionally available with dimming driver 1-10 V/DALI.



INT-REMOTE is a universal infrared transmitter. The required settings can be simply selected using indicator LEDs and are sent to each sensor.

Settings with remote control:
Power lighting, sensitivity, timer extinction or decrease in intensity, depending on the surrounding light.

Applications	PMMA	PC
IK	IK06~08	IK10
Agricultural applications	✓	
Ammonia	✓	
Petrol	✓	✓
Chemical cleaning	✓	
Chlorine	✓	
Diesel	✓	✓
Mineral oils	✓	
Engine oil	✓	✓
Soap solutions	✓	✓
Seawater	✓	✓
UV-resistant	✓	✓



Protect

Degree of protection IP69K and stainless steel L316 end covers
 Toolless terminal connectors
 Feed-through wiring 3x1.5 mm2
 PMMA (IK06) or PC diffuser (IK10)

Protect 1.2 m 40W opal PMMA diffuser IK06 120°



Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO12404PM	1.2m, PMMA	40	4000	69K	5442	1152	75	86
PRO12404PMS	1.2m, PMMA sensor	40	4000	69K	5442	1152	75	86
PRO12404PME	1.2m, PMMA EM 3h	40	4000	69K	5442	1152	75	86
PRO12404PMSE	1.2m, PMMA sensor + EM 3h	40	4000	69K	5442	1152	75	86

Protect 1.2 m 40W transparent PMMA diffuser IK06 60° UGR<19

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO12404PMU	1.2m, PMMA UGR<19	40	4000	69K	5212	1152	75	86
PRO12404PMUS	1.2m, PMMA UGR<19 sensor	40	4000	69K	5212	1152	75	86
PRO12404PMUE	1.2m, PMMA UGR<19 EM 3h	40	4000	69K	5212	1152	75	86
PRO12404PMUSE	1.2m, PMMA UGR<19 sensor + EM 3h	40	4000	69K	5212	1152	75	86

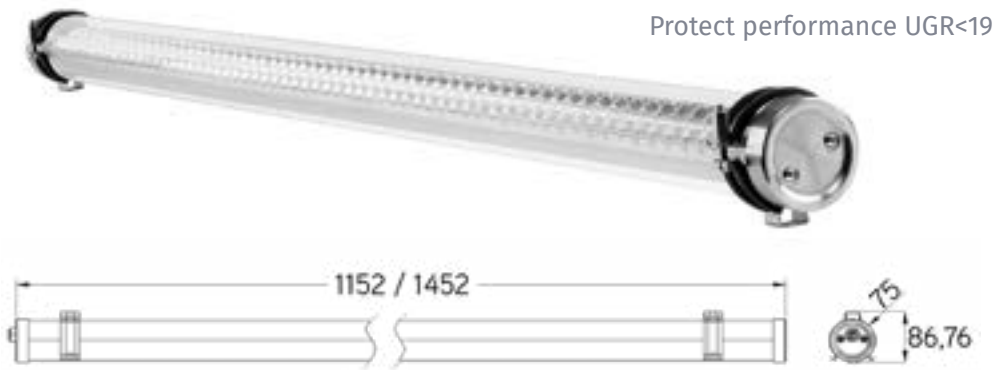
Protect 1.2 m 40W opal PC diffuser IK10 120°



Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO12404PC	1.2m, PC	40	4000	69K	5506	1152	75	86
PRO12404PCS	1.2m, PC sensor	40	4000	69K	5506	1152	75	86
PRO12404PCE	1.2m, PC EM 3h	40	4000	69K	5506	1152	75	86
PRO12404PCSE	1.2m, PC sensor + EM 3h	40	4000	69K	5506	1152	75	86

Protect 1.2 m 40W transparent PC diffuser IK10 60° UGR<19

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO12404PCU	1.2m, PC UGR<19	40	4000	69K	5248	1152	75	86
PRO12404PCUS	1.2m, PC UGR<19 sensor	40	4000	69K	5248	1152	75	86
PRO12404PCUE	1.2m, PC UGR<19 EM 3h	40	4000	69K	5248	1152	75	86
PRO12404PCUSE	1.2m, PC UGR<19 sensor + EM 3h	40	4000	69K	5248	1152	75	86



Protect performance UGR<19

Protect 1.5 m 60W opal PMMA diffuser IK06 120°

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO15604PM	1.5m, PMMA	60	4000	69	8041	1452	75	86
PRO15604PMS	1.5m, PMMA sensor	60	4000	69	8041	1452	75	86
PRO15604PME	1.5m, PMMA EM 3h	60	4000	69	8041	1452	75	86
PRO15604PMSE	1.5m, PMMA sensor + EM 3h	60	4000	69	8041	1452	75	86

Protect 1.5 m 60W transparent PMMA diffuser IK06 60° UGR<19

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO15604PMU	1.5m, PMMA UGR<19	60	4000	69	7685	1452	75	86
PRO15604PMUS	1.5m, PMMA UGR<19 sensor	60	4000	69	7685	1452	75	86
PRO15604PMUE	1.5m, PMMA UGR<19 EM 3h	60	4000	69	7685	1452	75	86
PRO15604PMUSE	1.5m, PMMA UGR<19 sensor + EM 3h	60	4000	69	7685	1452	75	86

Protect 1.5 m 60W opal PC diffuser IK10 120°

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO15604PC	1.5m, PC	60	4000	69	7528	1452	75	86
PRO15604PCS	1.5m, PC sensor	60	4000	69	7528	1452	75	86
PRO15604PCE	1.5m, PC EM 3h	60	4000	69	7528	1452	75	86
PRO15604PCSE	1.5m, PC sensor + EM 3h	60	4000	69	7528	1452	75	86

Protect 1.5 m 60W transparent PC diffuser IK10 60° UGR<19

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
PRO15604PCU	1.5m, PC UGR<19	60	4000	69	7179	1452	75	86
PRO15604PCUS	1.5m, PC UGR<19 sensor	60	4000	69	7179	1452	75	86
PRO15604PCUE	1.5m, PC UGR<19 EM 3h	60	4000	69	7179	1452	75	86

ACCESSORIES

Reference	Description	L	l	H
PROSUS	Pendant set Protect 1.5 m	1500	1	1
INT-REMOTE	Integratech universal sensor remote control	123	70	20,3

Settings with remote control:

Power lighting, sensitivity, timer extinction or decrease in intensity, depending on the surrounding light.





Highbay.

Highbay



Highbay guideline



Size	mm	280 x 280 x 175 320 x 320 x 177 365 x 365 x 180 400 x 400 x 260	365 x 365 x 180 400 x 400 x 260	460 x 460 x 177	320 x 320 x 188
Power	W	75-240	150-200	150-240	100-240
Luminous flux	lm	10450-33480	20905-26862	20735-32272	4000
Protection indices	IP	65	65	65	65
	IK	08	08	08	08
Working lifespan		50 000 L80B20	50 000 L80B20	50 000 L80B10	50 000 L80B10

P.174

P.174

P.174

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Highbay





Warranty
5
years



PHB INDUSTRIAL POWER

Type	PHB	PHB Extreme	FHBP Food	PHBP
Application	Magasin	High temp	Food	Capteur
Power	75~240W	150~200W	150~240W	100~240W
Max. Lumen output	33480	26862	32272	35520
Lm/W	135	130	140	150
Reflector	110°	110°	110°	120°
CRI	>80	>80	>80	>80
Flicker-free	Yes	Yes	Yes	Yes
Sensor possible	No	No	Yes	Yes
Dimming	1-10V	1-10V	1-10V	1-10V
IP	IP65	IP65	IP69K	IP65
IK	IK08	IK08	IK08	IK08
Temperature	-30~+50°C	-30~+72°C	-30~+50°C	-30~+55°C
Working lifespan	50 000 L80B20	50 000 L80B20	50 000 L80B10	50 000 L80B20



110°



4000K



0.95



135



CRI >80



65



08



50 000
L80B20



1-10V



PHB with opal PC cover

1-10V dimming
ENEc certification
Up to 135lm/W

Reference	Watt	Lumen	L	l	H
PHB754	75	10450	280	280	175
PHB1004	100	13950	280	280	175
PHB1504	150	20880	320	320	177
PHB2004	200	27900	365	365	180
PHB2404	240	33480	400	400	260



110°



4000K



0.95



130



CRI >80



65



08



50 000
L80B20



1-10V



PHBEX

1-10V dimming
Transparent safety glass
Ambient temperature -30 ° to +72 °C

Reference	Watt	Lumen	L	l	H
PHBEX1504	150	20905	365	365	180
PHBEX2004	200	26862	400	400	260



110°



4000K



0.95



140



CRI >80



69K



08



50 000
L80B10



1-10V



FHBP Food highbay

Transparent PC cover
1-10V dimming
Expandable with PIR or microwave sensor

Reference	Watt	Lumen	L	l	H
FHBP1504	150	20735	460	460	177
FHBP2004	200	27253	460	460	177
FHBP2404	240	32272	460	460	177

ACCESSORIES

Reference	Description	L	l	H
FHBPMW	Microwave sensor IP65 max. 15 m for FHBP	55	55	31
FHBPIR	PIR sensor IP65 max. 12 m for FHBP	55	55	43
INT-REMOTE	Integratech universal sensor remote control	123	70	20,3

Settings with remote control:
Power lighting, sensitivity, timer extinction or decrease in intensity, depending on the surrounding light.





Accessories for PHB and PHBEX (unsuitable for PHBP)

Reference	Description	L	l	H
PHB100-R60	Reflector alu 60 ° PH 75W/100W	361	361	129,2
PHB100-R90	Reflector alu 90 ° PHB 75W/100W	361	361	129,2
PHB150-R60	Reflector alu 60 ° PHB 150W	426	426	144,4
PHB150-R90	Reflector alu 90 ° PHB 150W	426	426	144,4
PHB200-R60	Reflector alu 60 ° PHB 200W/240W PHBEX 150W/200W	426,5	426,5	164,4
PHB200-R90	Reflector alu 90 ° PHB 200W/240W PHBEX 150W/200W	426,5	426,5	164,4
PHB100-PCC	Reflector prisma 100 ° PHB 75W/100W	310	310	170
PHB100-COV	Protective cover prisma PHB 75W/100W	302,6	302,6	15
PHB100-PCO	Reflector prisma opal 100 ° PHB 75W/100W	310	310	170
PHB100-COVO	Protective cover prisma opal PHB 75W/100W	302,6	302,6	15
PHB150-PCC	Reflector prisma 100 ° PHB 150W	410	410	250
PHB150-COV	Protective cover prisma PHB 150W	403,5	403,5	20
PHB150-PCO	Reflector prisma opal 100 ° PHB 150W	410	410	250
PHB150-COVO	Protective cover prisma opal PHB 150W	403,5	403,5	20
PHB200-PCC	Reflector prisma 100 ° PHB 200W/240W PHBEX 150W/200W	410	410	230
PHB200-COV	Protective cover prisma PHB 200W/240W	403,5	403,5	20
PHB200-PCO	Reflector prisma opal 100 ° PHB 200W/240W PHBEX 150W/200W	410	410	230
PHB200-COVO	Protective cover prisma opal PHB 200W/240W	403,5	403,5	20
PHB-WBR	Wall/ceiling bracket for PHB/PHBUGR/PHBEX	210	30	153
IP68-CONNECT	Connection set 230 V 3-pole IP68 2.5 mm2 male-female	130	20	20



Higbay





Warranty
5
years



PHBP

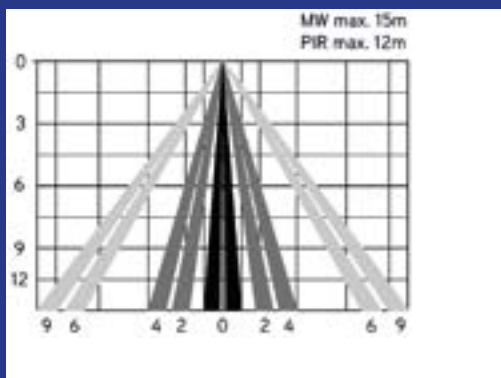
MULTIFUNCTIONAL AND HIGH-PERFORMANCE

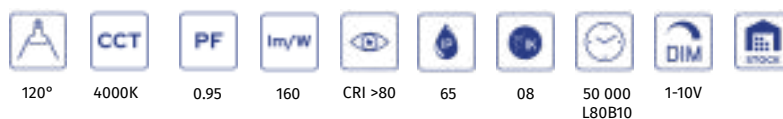
Highbay



INT-REMOTE is a universal infrared transmitter. The required settings can be simply selected using indicator LEDs and are sent to each sensor.

Settings with remote control:
Power lighting, sensitivity, timer extinction or decrease in intensity, depending on the surrounding light.





Up to 160lm/W
 Insulated driver, dimmable 1-10V
 Opal diffuser 120 °
 Expandable with PIR or microwave sensor

PHBP

Reference	Watt	CCT	IP	Lumen	L	l	H
PHBP1004	100	4000	65	14798	320	320	188
PHBP1504	150	4000	65	21830	320	320	188
PHBP2004	200	4000	65	29600	360	360	188
PHBP2404	240	4000	65	35520	360	360	188

Desired sensor always separately ordered!

ACCESSORIES

Reference	Description	L	l	H
PHBPPIR	PHBP PIR sensor max. 12 m	55	55	43,1
PHBPMW	PHBP PIR sensor max. 15 m	55	55	31,26
INT-REMOTE	Integrattech universal sensor remote control	123	70	20,3
PHBP1-10V	Cable for 1-10V connection to PHBP	2000	-	-
PHBPCONNECT	Patching cable sensor to other highbays 2 m	2000	-	-
PHBP100-PCC	Prism PC reflector 90 ° for PHBP 100/150W	310	310	170
PHBP200-PCC	Prism PC reflector 90 ° for PHBP 200/240W	410	410	230
PHB-WBR	Wall/ceiling bracket for PHBP	210	30	153

Settings with remote control:
 Power lighting, sensitivity, timer extinction or decrease in intensity, depending on the surrounding light.

PHBP with microwave sensor



PHBP with PIR sensor



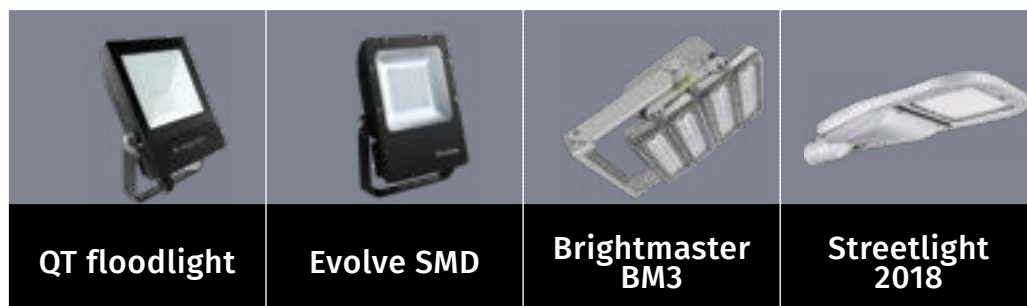


LED FLOODLIGHT.

Floodlight



LED Floodlight guideline



		QT floodlight	Evolve SMD	Brightmaster BM3	Streetlight 2018
Power	W	10-50	12-200	450-1350	28-200
Lumen	lm	1000-5500	1440-23060	54829-197642	3780-26000
Reflector		120°	120°	25°-110°	-
CRI		70	82	80	>75
Flicker-free		No	Yes	No	No
IP		IP65	IP66	IP66	IP66
IK		IK08	IK08	IK10	IK10
Working lifespan		35 000 L80B20	50 000 L80B20	97 000 L80B50	75 000 L80B10

P.182

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Floodlight





Warranty
3
years



QT FOOTLIGHT

RESIDENTIAL AND
LIBERAL PROFESSIONS

Floodlight



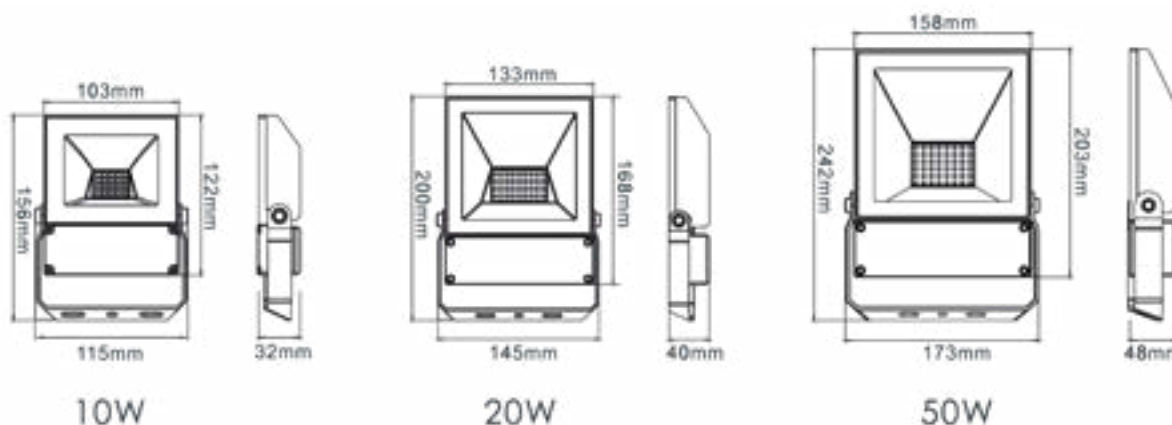
Floodlight QT with sensor (PIR)

Including IR remote
 Adjustable delay time 5s/30s/90s/5m/15m/30m
 Daylight sensor 5/15/30/50/100 Lux
 Detection distance 5m
 120° detection angle



QT Floodlight without sensor

Internal connection box (not with PIR version)
 Up to 110lm/W
 Driver on board
 Interpon coating



120°	3000-4000K	0.95	100-110	CRI 70	65	08			35 000 L80B20

Reference	Watt	CCT	Lumen	L	l	H
QTFL103	10	3000	1000	103	32	122
QTFL104	10	4000	1100	103	32	122
QTFL203	20	3000	2000	133	40	168
QTFL204	20	4000	2200	133	40	168
QTFL503	50	3000	5000	158	48	203
QTFL504	50	4000	5500	158	48	203
QTFL504DC24*	50	4000	5500	173	48	242
QTFL203PIR	20	3000	2000	133	40	168
QTFL204PIR	20	4000	2200	133	40	168
QTFL503PIR	50	3000	5000	158	48	203
QTFL504PIR	50	4000	5500	158	48	203

* 12V power supply

Floodlight





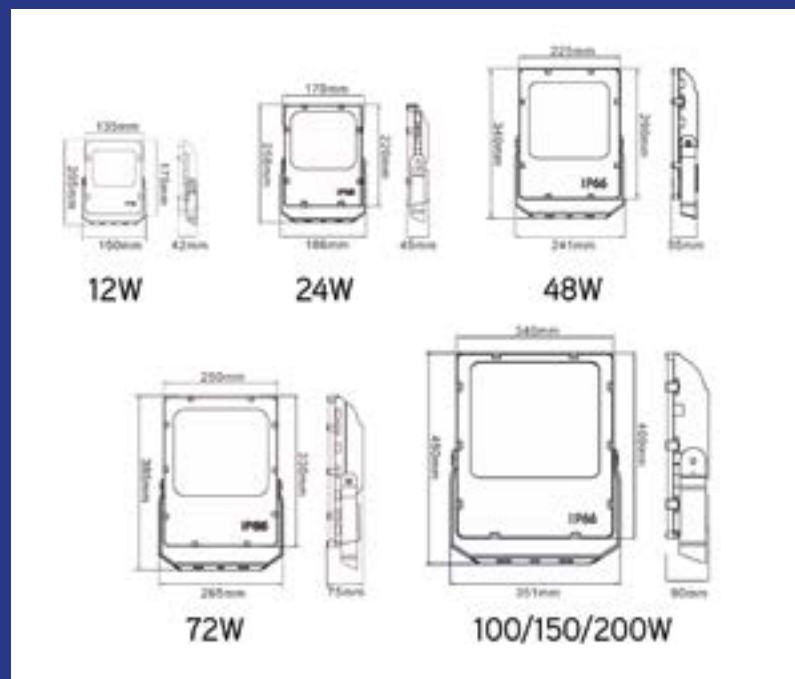
Warranty
5
years



EVOLVE SMD

WELL
ESTABLISHED

Floodlight





Evolve SMD and Asymmetric

Insulated and waterproof driver
 CREE SMD2835 LEDs
 Interpon coating
 Mat safety glass
 Stainless steel L304 screws
 ENEC certification



120°

2700-5700K

0.9

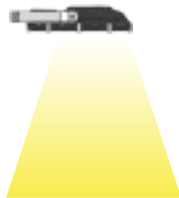
130

CRI 82

66

08

59 000
L80B20



Symétric with black Interpon coating

Reference	Watt	CCT	Lumen	L	l	H
FL12W06-B3000	12	3000	1440	135	42	175
FL12W06-B4000	12	4000	1560	135	42	175
FL24W09-B3000	24	3000	2424	170	45	220
FL24W09-B4000	24	4000	2515	170	45	220
FL48W09-B3000	48	3000	5510	225	55	290
FL48W09-B4000	48	4000	5696	225	55	290
FL72W09-B3000	72	3000	7470	250	75	330
FL72W09-B4000	72	4000	7825	250	75	330
FL100W09-B3000	100	3000	10152	340	75	400
FL100W09-B4000	100	4000	10635	340	75	400
FL150W09-B3000	150	3000	15622	340	90	400
FL150W09-B4000	150	4000	16366	340	90	400
FL200W09-B3000	200	3000	22226	340	90	400
FL200W09-B4000	200	4000	23060	340	90	400



Asymmetric with black Interpon coating

Reference	Watt	CCT	Lumen	L	l	H
FL48W05-B3000	48	3000	5245	225	55	290
FL48W05-B4000	48	4000	5640	225	55	290
FL72W05-B3000	72	3000	7945	250	75	372
FL72W05-B4000	72	4000	8543	250	75	375
FL120W05-B3000	120	3000	12330	340	90	400
FL120W05-B4000	120	4000	13261	340	90	400
FL150W05-B3000	150	3000	14980	340	90	400
FL150W05-B4000	150	4000	16111	340	90	400
FL200W05-B3000	200	3000	20955	340	90	400
FL200W05-B4000	200	4000	22533	340	90	400

Floodlight

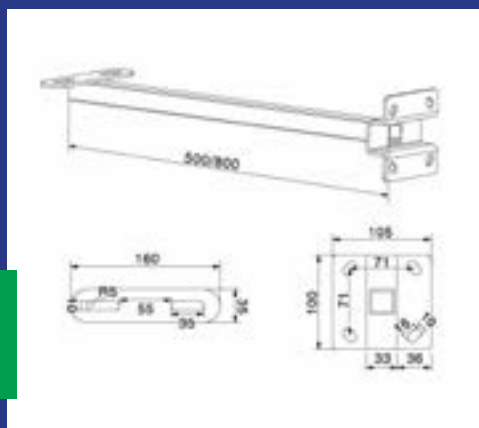




ACCESSORIES

PROJECTEUR LED EVOLVE SMD

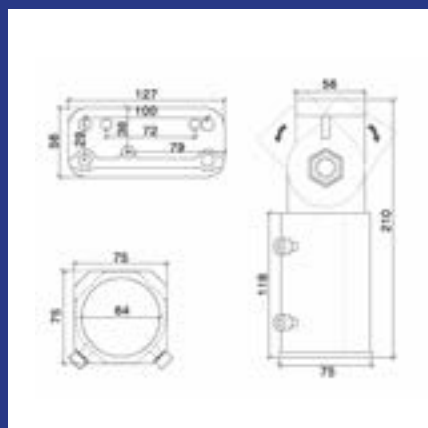
STEM



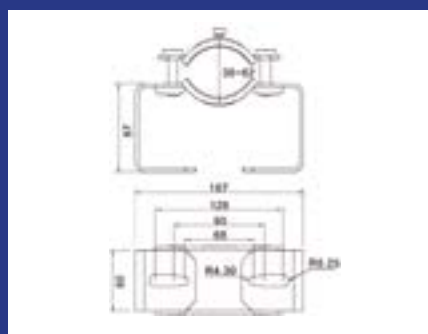
SPIKE



POLE



POLE CLAMP



Floodlight



Reference	Description	Montage	L	l	H
FLSTANG-B	Rod 80 cm black for evolve	Wall	800	105	100
FLSTANGMINI-B	Rod mini 50 cm black for evolve	Wall	500	105	100



Reference	Description	Montage	L	l	H
FLSPIKE-B	Ground pin 25 cm black for evolve	Ground	160	34,4	34,4



Reference	Description	Montage	L	l	H
FL-POLE	Pole extension piece 60 mm for evolve	Pole	75	75	210
FL-POLE-3	Pole extension piece 60 mm for 3 appliances	Pole	200	200	150
FL-POLE-CLAMP	Pole clamp extension piece 60 mm	Pole	167	60	87



Reference	Description	Montage	L	l	H
LOV12B	Louvre for evolve 12W black	Reflector	138	130	35
LOV24B	Louvre for evolve 24W black	Reflector	175	160	38
LOV48B	Louvre for evolve 48W black	Reflector	230	226	35
LOV72B	Louvre for evolve 72W black	Reflector	255	245	35
LOV120200B	Louvre for evolve 100/120/150/200W black	Reflector	345	282	38



Reference	Description	Montage	L	l	H
IP68-CONNECT	Connection set 3-pole IP68 2,5mm ² male-female	Connexion	130	20	20



Warranty
5
years



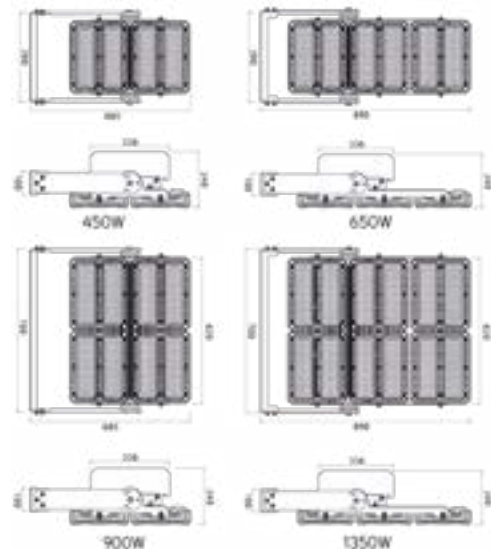
BRIGHTMASTER BM3

EXTREMELY RELIABLE

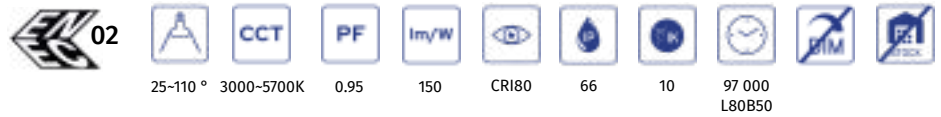
Interpon
POWDER COATINGS



Universal
mounting bracket



Floodlight



Brightmaster BM3



Protective Interpon coating
 Standard color grey RAL7044
 Black also optionally available
 Internal control unit, no failure with one defective driver
 Surge protection 10 kV
 Extremely long working life, up to 150lm/W
 Separate driver box available
 Universal bracket with integrated leveller
 Choice of lenses: 15 °, 25 °, 60 °, 110 °
 or AS (asymmetric 130x25, 130x40 °)
 Available with dimming driver 1-10V/DALI

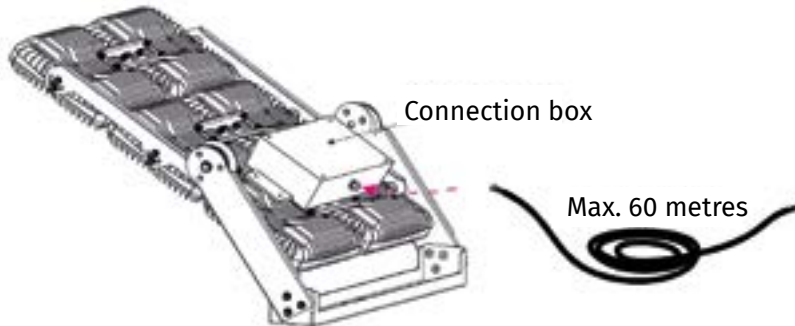
With the article reference always add the required **color temperature**, 3 (3000) 4 (4000) or 57 (5700) and **light beam** 15 (15 °), 25 (25 °), 60 (60 °), 110 (110 °) and AS (Asymmetric) E.g.: BM3-9004110

Reference	Watt	CCT	Light beam	Lumen	L	l	H	EPA	KG
BM3-450	450	3000-5700K	110	66728	390	240	685	0,159	18,5
			15	54829					
			25/60/AS	60739					
BM3-650	650	3000-5700K	110	98613	390	240	890	0,24	28,0
			15	83459					
			25/60/AS	88995					
BM3-900	900	3000-5700K	110	132377	700	240	685	0,317	33,0
			15	111004					
			25/60/AS	117557					
BM3-1350	1350	3000-5700K	110	197642	700	240	890	0,481	48,0
			15	166091					
			25/60/AS	176614					

ACCESSORIES

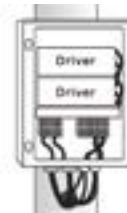
Reference	Description	L	l	H
IP68-CONNECT	Connection set 230 V 3-pole IP68 2.5 mm2 male-female	130	20	20
BM3-FP2	Fall protection for BM3 450-650W 1x steel cable 3 mm	1000	3	3
BM3-FP3	Fall protection for BM3 900-1350W 2x steel cable 3 mm	1000	3	3

Brightmaster BM3 separate driver box options



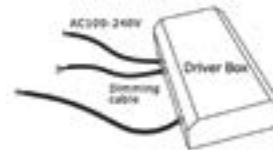
Option A

Separate drivers without control unit or surge protection. Not pre-assembled. To be installed in own switch box. (not provided). From each power supply a separate cable is required to the luminaire depending on the number of power supplies



Option B

Separate driver box including control unit and surge protection. Only one 3G4 cable required to the luminaire. Watertight housing and connectors to be provided yourself.



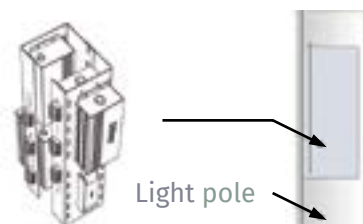
Option C

Pre-assembled driverunit, control unit and surge protection on an aluminium base. Including 2 watertight junction boxes for in/out wiring.



Option D

Drivers assembled on an aluminium base for assembly in the pole. No control unit and surge protection provided.



With the article reference always add the required option e.g.: BM3-6504ASDB

Reference	Description
BM3-DA	Separate driver box for BM3 450-1350W option A
BM3-DB	Separate driver box for BM3 450-1350W option B
BM3-DC	Separate driver box for BM3 450-1350W option C
BM3-DD	Separate driver box for BM3 450-1350W option D



Floodlight



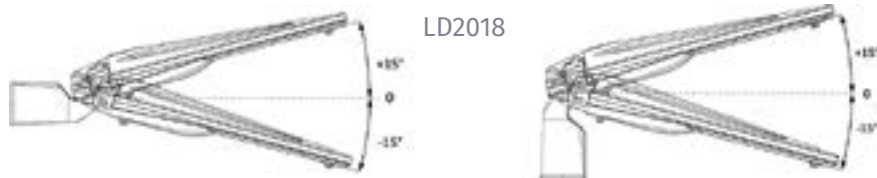


Warranty
7
years



STREETLIGHT 2018

ROBUST DESIGN



LD2018



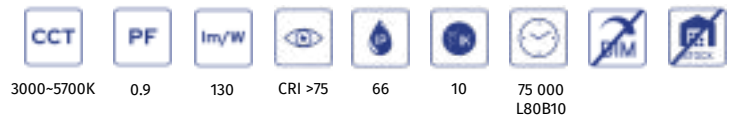
Type 1 50x160°



Type 2 65x155°



Type 3 80x160°



Streetlight 2018

Lumileds LED chips and Meanwell driver
 Up to 130lm/W
 Long lifetime 75,000 L80B10
 7-year warranty
 Housing IP66 and IK10
 Horizontal or vertical attachment 60 mm (type LD)
 LDM only vertical attachment with adapter LDMA90

Streetlight Mini: dark grey RAL7037~7039

With the article number add required **color temperature 3** (3000 K) **4** (4000K) **5** (5000K) **57** (5700K)

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
LDM28S	Streetlight mini	28	3000-5700	66	3780	447	179	77
LDM38S	Streetlight mini	38	3000-5700	66	4940	447	179	77
LDM57S	Streetlight mini	57	3000-5700	66	7410	447	179	77

Streetlight : Light grey RAL7042 or black RAL9005

With the article number add required **finish S** (light grey) or **B** (black) + **color temperature 3** (3000K) **4** (4000K) **5** (5000K) **57** (5700K) and **type of lens 1, 2** ou **3**.

Example LD2018 120W light grey 4000 K lens 1: LD2018120S**4-1**

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
LD201860	Streetlight	60	3000-5700	66	7800	726	357	127
LD201890	Streetlight	90	3000-5700	66	11700	726	357	127
LD2018120	Streetlight	120	3000-5700	66	15600	861	447	153
LD2018150	Streetlight	150	3000-5700	66	19500	861	447	153
LD2018200	Streetlight	200	3000-5700	66	26000	861	447	153

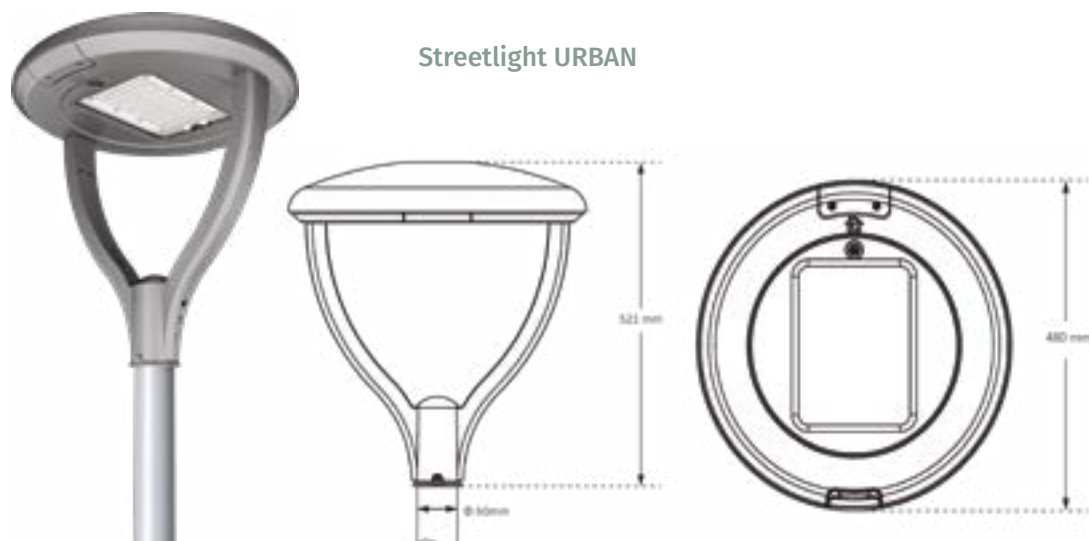
Urban streetlight: Dark grey RAL7037~7039 or black RAL9005

With the article number add required **finish S** (light grey) or **B** (black) + **color temperature 3** (3000K) **4** (4000K) **5** (5000K) **57** (5700K) and **type of lens 1, 2** ou **3**. Ex. LDU 70W black 4000K lens 1 : LDU70B**4-1**

Reference	Description	Watt	CCT	IP	Lumen	L	l	H
LDU37	Urban Streetlight	37	3000-5700	66	4330	480	480	521
LDU70	Urban Streetlight	70	3000-5700	66	8190	480	480	521
LDU120	Urban Streetlight	120	3000-5700	66	13500	480	480	521

Floodlight





Streetlight URBAN

Streetlight wall brackets

Reference	Description	L	l	H
LDAT	Streetlight wall bracket 60 mm dark grey	102	102	100
LDAT-B	Streetlight wall bracket 60 mm black	102	102	100
LDAL	Streetlight wall bracket type L 60 mm dark grey	206	60	152
LDAL-B	Streetlight wall bracket type L 60 mm black	206	60	152

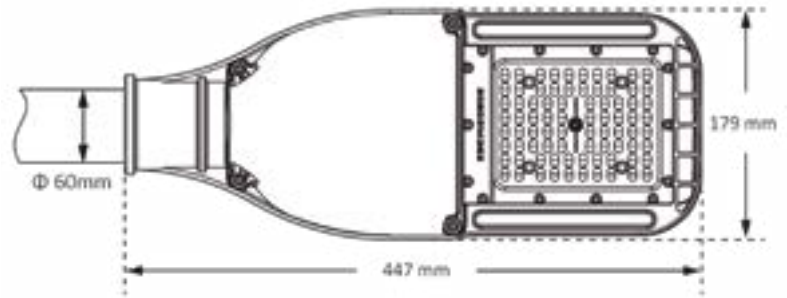
Streetlight fixations de poteaux

Reference	Description	L	l	H
LDMA90	Streetlight mini LDM pole erection part 60 mm directable dark grey	160	60	160
LDA8060	Streetlight adapter 60 to 80 mm round dark grey	95	95	240
LDA8060-B	Streetlight adapter 60 to 80 mm round black	95	95	240
LDA4060	Streetlight adapter 40 to 60 mm round dark grey	80	60	60
LDA4060-B	Streetlight adapter 40 to 60 mm round black	80	60	60
LDA2	Streetlight pole erection part 60 mm to 2x60 mm dark grey	300	60	180
LDA2-B	Streetlight pole erection part 60 mm to 2x60 mm black	300	60	180
LDA4	Streetlight pole erection part 60 mm to 4x60 mm dark grey	300	300	180
LDA4-B	Streetlight pole erection part 60 mm to 4x60 mm black	300	300	180
LDAS	Streetlight pole erection part 105x105 mm to 60 mm dark grey	105	105	220
LDAS-B	Streetlight pole erection part 105x105 mm to 60 mm black	105	105	220
LDAS2	Streetlight pole erection part 105x105 mm to 2x60 mm dark grey	315	60	175
LDAS-B	Streetlight pole erection part 105x105 mm to 2x60 mm black	315	60	175
LDAS4	Streetlight pole erection part 105x105 mm to 4x60 mm dark grey	325	325	175
LDAS4-B	Streetlight pole erection part 105x105 mm to 4x60 mm black	325	325	175

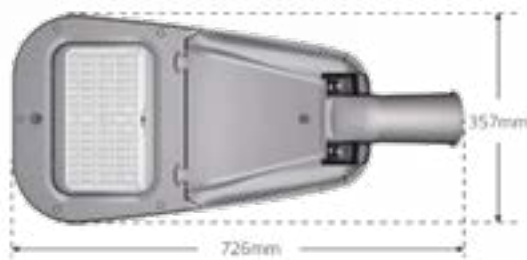


Streetlight Mini

28/38/57W



Streetlight 2018



60/90 W



120/150/200W



SMART LIGHT Integraconnect



LED Strips	LED panels	Floodlight	Downlight	Highbay	High power
INTEGRA CONNECT PLUSIEURS POSSIBILITÉS	INTEGRA CONNECT ITC-110IP20	INTEGRA CONNECT ITC-110IP20	INTEGRA CONNECT ITC-110IP20	INTEGRA CONNECT ITC-110IP20	INTEGRA CONNECT ITC-110IP20

With Integraconnect interfaces you can make your lighting 'smart' in the simplest of ways. Master/slave functions, timers and light scenes depending on occupancy detection or lux level can simply be set using an app. All settings and timers are saved in the smart modules.

Integraconnect interface ITC-110IP20 is fitted with a switching relay 16A LN and can switch and/or dim a number of light fixtures (1-10V current draw to 40 mA).

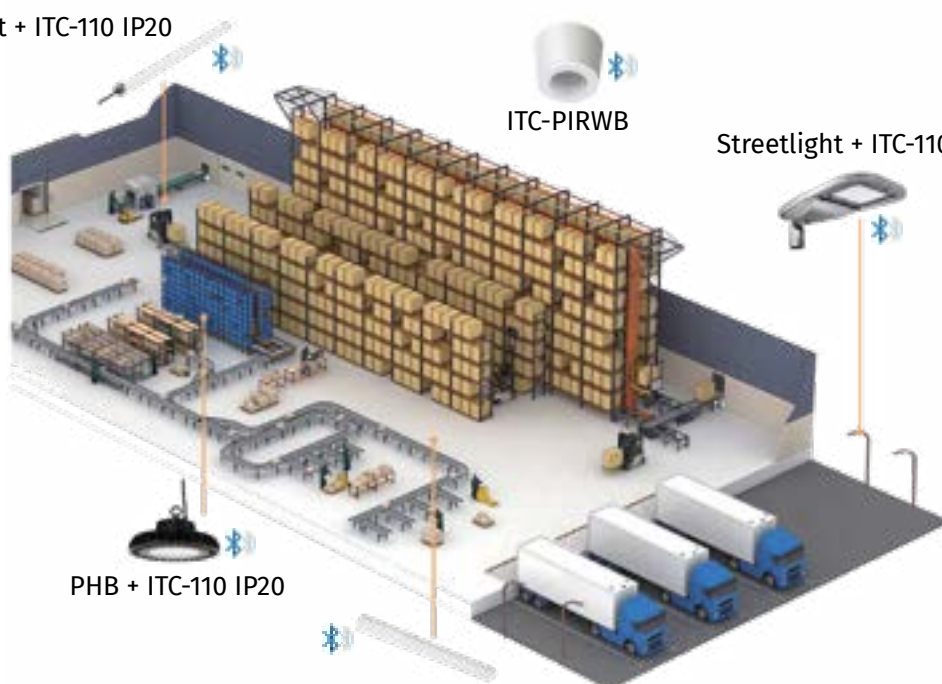
With the push-button interface a conventional switch is simply transformed into a smart switch to call up the set light scenes in a jiffy.

Protect + ITC-110 IP20



ITC-PIRWB

Streetlight + ITC-110 IP20



PHB + ITC-110 IP20



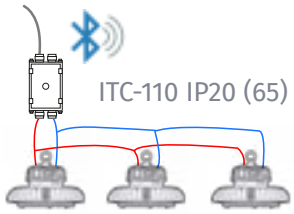
HWDP + ITC-110 IP20



Application	Interface per fitting	Interface per circuit	Remark
QT/Manga	ITC-110	ITC-110IP20	For dimming 1-10V driver required
Evolve		ITC-110IP20	
Deep	ITC-TRIAC		Max. 50W per interface
Compact			
Soft			
Tracklight		ITC-DALI1	For dimming 1-10V driver required
PHB		ITC-110IP20	Standard with 1-10V driver
PHBEX			
FHBP			
PHBP			
UBOAT		ITC-110IP20	For dimming 1-10V driver required
HWDP			
Speedy			
Protect			
BM2			
BM3			
Streetlight			
Dreamline			
Sola			
Disc			
Lineaconnect			



ITC-PIRWB



Practice example 1:
Sensor ITC-PIRWB with built-in Bluetooth interface in combination with one interface ITC-110 IP20 or 65 for controlling and dimming a circuit of highbays depending on motion detection and/or lux level.



Practice example 2:
In-built sensor ITC-PIRCEFL with built-in Bluetooth interface in combination with one interface ITC-110 IP20 for controlling and dimming a circuit of LED panels depending on motion detection and/or lux level.

Integraconnect interfaces

Reference	Description	Application	L	l	H
ITC-110	Integraconnect 1-10V 7mA	LED fitting with 1-10V driver	56,5	35,8	22,3
ITC-110IP20	Integraconnect 0-10V 20mA/1-10V 40 mA 16A LN IP20	LED fittings with 0/1-10V driver	120	50	34
ITC-DALI1	Integraconnect DALI 1 channel	LED fitting with DALI driver	56,5	35,8	22,3
ITC-DALITW	Integraconnect DALI tunable white	LED fitting tunable white	56,5	35,8	22,3
ITC-TRIAC	Integraconnect triac dimmer phase-cut out max. 50W	LED fitting triac dimmable	40,4	36,3	14





ITC-MC2



ITC-CCT



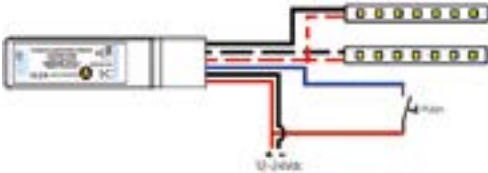
ITC-MC4



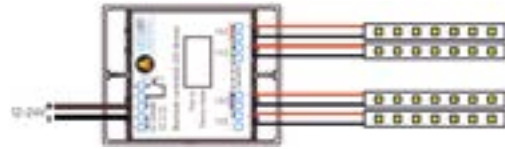
ITC-RGB/RGBW



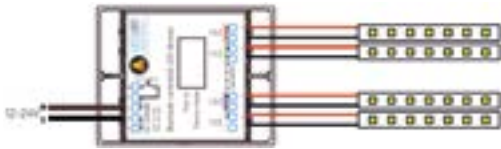
For LED strips



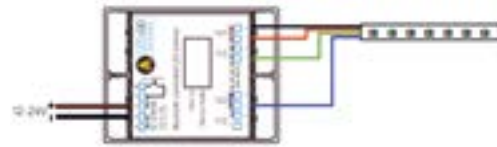
Integraconnect ITC-MC2 interface with two PWM outputs for monochrome LED strips. Each channel can be separately operated. On the interface a push-button can be directly connected for on/off and dimming.



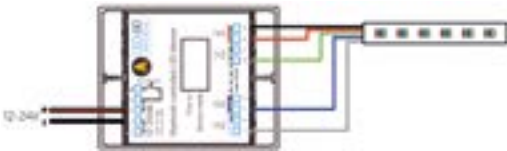
Integraconnect ITC-CCT interface with PWM output for human centric lighting.



Integraconnect ITC-MC4 interface with four PWM outputs for monochrome LED strips. Each channel can be separately operated.



Integraconnect ITC-RGB interface with PWM output for RGB LED strip.



Integraconnect ITC-RGBW interface with PWM output for RGB+W LED strips. Scenes and automatic color transformations are configurable in the app.

Integraconnect interface for LED strips

Reference	Description	Application	L	l	H
ITC-MC2	Integraconnect PWM 12/24VDC mono 2x4A, max. 190W	LED strip monochrome	90	22	17
ITC-MC4	Integraconnect PWM 12/24VDC mono 4x4A, max. 380W DIN	LED strip monochrome	90	70	32
ITC-RGB	Integraconnect PWM 12/24VDC RGB 3x4A, max. 285W DIN	LED strip RGB	90	70	32
ITC-RGBW	Integraconnect PWM 12/24VDC RGBW 4x4A, max. 380W DIN	LED strip RGBW	90	70	32
ITC-CCT	Integraconnect PWM 12/24VDC bi-couleur 4x4A, max. 380W DIN	LED strip bicolor	90	70	32



ITC-PB & ITC-PB24



ITC-PBxB



ITC-PBXW



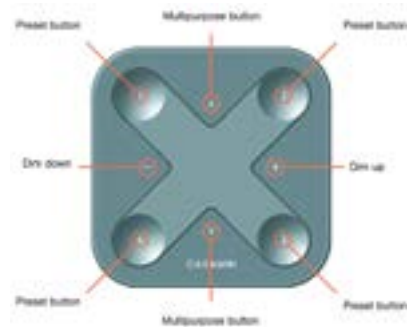
Make your switches smart

With the Integraconnect ITC-PB interface each switch becomes a smart push-button switch. Thanks to the small dimensions the interface can be fitted behind a switch. With Bluetooth low energy technology the internal lithium battery has a working life of up to five years. ITC-PB24 design is suitable for a 24VDC supply voltage.

LED light fixtures switched on or off, dimmed or a scene retrieved is now possible with a simple push-button. The required functions are configured in the app.

Integraconnect Xpress operation can be screwed or adhered to a wall and offers a range of operating options. All required functions are configured in the app.

- Operation and dimming of individual light fixtures or groups
- Retrieve last setting
- Retrieve scenes and animations



Custom work

Integraconnect interfaces can be supplied pre-programmed on a project basis. Couplings with other technologies are also among the options. Contact us for more information.

Integraconnect interface for operation

Reference	Description	Application	L	l	H
ITC-PB	Integraconnect push interface 4-channel incl. CR2450 battery	For existing push-buttons	38	38	15
ITC-PB24	Integraconnect push interface 4-channel 24VDC	For existing push-buttons	38	38	15
ITC-PBxB	Integraconnect Xpress inter-face black incl. CR2430 battery	Multifunctional push-button operation	90	90	12
ITC-PBXW	Integraconnect Xpress inter-face white incl. CR 2430 battery	Multifunctional push-button operation	90	90	12





ITC-PIRCEFL



ITC-PIRWB



ITC-PIRNB



ITC-PIRWBIP66



Detection of movement and daylight

With Integraconnect sensors you can interactively control your lighting depending on movement and/or daylight. Different versions are available depending on the application..



Integraconnect ITC-PIRCEFL sensor with integrated daylight sensor for office applications. The sensor is suitable for built-in assembly and is directly connected to 240 V. Suitable for an assembly height to 5 metres. Detection zone to 7 metres diameter.



Integraconnect ITC-PIRWB & ITC-PIRNB sensors with integrated daylight sensor for industrial applications. Suitable for assembly heights to 20 metres and detection zone to 28 metres diameter. Versions with wide or narrow detection beam are available and an IP66 version for damp environments.

Reference	Description
ITC-PIRCEFL	PIR detector in-built IP20 240 V Integraconnect
ITC-PIRNB	PIR detector surface-mounting IP20 narrow beam Integraconnect
ITC-PIRWB	PIR detector surface-mounting IP20 wide beam Integraconnect
ITC-PIRWBIP66	PIR detector surface-mounting IP66 wide beam Integraconnect



Smart
lighting





LIGHTING ACCESSORIES

DCL accessories : lampholders, fiches, Dryvwall Ceiling junction box and Drywall junction box



DCL Lampholders p.204

Other lampholders and connecting device



E27, B22 and E14 Lampholders p.206



E22 Lampholders p.207

Switch fils souples

ELECTRICAL ACCESSORIES

Adapters and multi-sockets



Normalized adapters p.212



Surge arrester sockets and multi-sockets p.213

Plugs

Cable outlets and mounting frame

Connection, Connectors, cable and cords



Connection : plugs and adapters "F", TV plugs and adapters p.218



Telephone cable p.219

Connection equipment



Clips for tubes and cables p.222

Fuses



Overview of the offer



Boîtes de connexion DCL
p.205



DCL socket spécial rénovation
p.205



Temporary lampholder, flushmount lampholder and accessories
p.209



Switch fils souples
p.210



Standards multi-sockets
p.215



Professional multi-sockets
p.215



Plastic plugs
p.216



Rubber Socket
p.216



Cable outlets for cable \varnothing 6 to \varnothing 11 mm 10 / 20 A
p.217



Mounting frame
p.217



Connectors 10 A
p.220



Extension cables and power cords
p.221



Modular screwless terminal blocks
p.222



Screw terminal blocs, terminals and connectors
p.223



Fuses
p.224





3 good reasons to change your installation habits.

1. Compliance with standards

The evolution of the NF C 15-100 standard makes connection devices for luminaires mandatory for housing whose applications for building permits have been submitted since October 2001. The conformity of luminaire connection devices is based on the UTE C 61-390 standard and the NF EN 61-184 and NF EN 60-238 standards for DCL sockets.

2. Comfort of use

With DCL accessories, plugs and lampholders, the electrical connection of the light point is done or undone simply, without tools in a single gesture.

3. Security

DCL plugs and sockets are equipped with a flexible bracket that ensures the proper mechanical connection of the connector to the DCL box. The luminaire remains suspended as usual from the hook provided on the center box.

Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
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DCL - CONNECTING DEVICE FOR LUMINAIRE

DCL Lampholder + DCL plug 6 A LNE

B22	52	250	0.452.30	20
E27	52	250	0.452.31	20

Delivered with a detachable LNE DCL plug, for the subsequent connection of a Class I or II luminaire.

- Connection by screw terminal
- Terminals for drivers from 0.5 to 1 mm²
- Plug 6 A LNE.

Plug DCL

Plug LNE	52	250	0.430.02	20
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0.452.30



0.452.31



0.430.02

Drywall Ceiling junction box and Drywall junction box

Description	Ref	Wkg - Spr
-------------	-----	-----------

WALL MOUNTING

- Complies with EN 60 670-21 2007 for drywall
- Glow-wire resistance 850 °C
- Compliant RT 2012 ICTA inlets 16/20/25.

Boîte de centre

Without DCL	0.452.41	50
With DCL	0.452.45	50

Boîte applique

Without DCL	0.452.51	50
With DCL	0.452.55	50

Kits boîte de centre DCL

DCL box + DCL plug + DCL lampholder B22	0.452.46	50
DCL box + DCL plug + DCL lampholder E27	0.452.48	50



0.452.41



0.452.45



0.452.46

Description	Ref	Wkg - Spr
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SURFACE-MOUNTED - SPECIAL RENOVATION

- Cable duct inlet :
- 20 x 12,5 mm
 - 32 x 12,5 mm
 - 32 x 8 mm.

DCL socket

Special renovation	0.452.65	10
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Kit prise de centre DCL spécial rénovation + DCL plug + DCL lampholder

B22	0.452.66	10
E27	0.452.67	10



0.452.65



0.452.66



E27 Lampholders



Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
-------------	----------------	-------------	-----	-----------

BRASS

Flange and pastille porcelain - with earth terminal

Connection 10 mm	70	230	0.471.10	40
Connection 11 mm	70	230	0.471.11	40

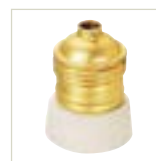
FLANGE bakelite and pastille plastic - with earth terminal

Connection 10 mm	70	230	0.471.20	40
Connection 11 mm	70	230	0.471.21	40

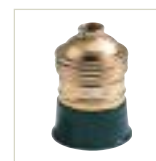
BRASS STEEL

C.E.E - with earth terminal

Connection 10 mm with stop screw Threaded sleeve + 2 rings Ø 54 mm	105	230	0.471.36	50
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0.471.10



0.471.20



0.471.36

Description	Power max. (W)	Voltage (V)	Ref Black	Ref Or	Ref White	Wkg Spr
-------------	----------------	-------------	-----------	--------	-----------	---------

PLASTIC

1/2 threaded sleeve + ring Ø 58 mm

Connection 10 mm	70	230	0.472.56	-	0.472.86	20
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With pull switch, 1/2 threaded sleeve + ring Ø 58 mm

Connection 10 mm	70	230	-	-	0.472.81	20
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Smooth and threaded sleeve, plug length 55 mm, threading Ø 40 mm

Connection 10 mm	70	230	0.472.55	-	0.472.85	20
------------------	----	-----	----------	---	----------	----

Threaded sleeve

Connection 10 mm	70	230	0.472.57	-	0.472.87	20
------------------	----	-----	----------	---	----------	----

Smooth sleeve

1/2 threaded sleeve + ring Ø 58 mm, plug length 55 mm, threading Ø 40 mm

Connection 10 mm, 1/2 threaded sleeve + ring	70	230	0.472.61	0.472.71	0.472.91	20
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Ring Ø 58 mm	70	230	-	-	0.472.99	20
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E27 plug

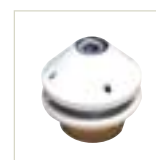
E27 plug	70	230	-	-	0.750.97	20
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E27 plug for box	70	230	-	-	0.799.41	20
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E27 plug auto. for bulkheads	70	230	-	-	0.799.44	20
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0.472.56



0.472.86



0.472.85



0.472.81



0.472.91



0.472.87

Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
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ADAPTER BOTTLE NECK LAMPEHOLDER + PLASTIC PLUG

Adapter Bottle neck lampeholder + plug 0.472.91	100	230	0.473.01	20
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B22 Lampholders



Description	Ø plug body mm	Power max. (W)	Voltage (V)	Ref Simple ring	Ref Double ring	Wkg Spr
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BRASS

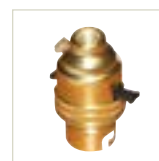
Without wire inlet with earth terminal

Connection 10 mm	27	105	230	0.431.02	0.431.10	50
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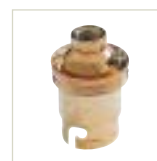
BRASS STEEL

C.E.E - with earth terminal

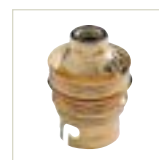
Connection 10 mm	27	105	230	0.433.02	0.433.10	50
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0.431.36



0.433.02



0.433.10

Description	Power max. (W)	Voltage (V)	Intensity (A)	Ref Simple ring	Ref Double ring	Wkg Spr
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NYLON

- Plug nylon loaded with fiberglass
- Screwing connection
- Plug locking device by clamping with thread-root

With wire inlet

Connection 10 mm	70	230	4	0.461.08	0.461.18	50
Connection 11 mm	70	230	4	0.461.09	0.461.19	50



0.461.08

E14, GU10, GZ10 and GU5.3 Lampholders



Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
-------------	----------------	-------------	-----	-----------

E14 BRASS STEEL

Smooth sleeve and pastille porcelain with earth terminal

Connection 10 mm	42	230	0.469.02	50
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0.469.02

Description	Power max. (W)	Voltage (V)	Ref Black	Ref White	Wkg Spr
-------------	----------------	-------------	-----------	-----------	---------

E14 PLASTIC

- Plug length: 52 mm
- Ø threading : 28 mm

Smooth and threaded sleeve

Connection 10 mm Threaded sleeve	42	230		0.469.32	20
Connection 10 mm Threaded sleeve	42	230	0.469.13	0.469.33	20

1/2 threaded sleeve + ring Ø 34 mm

Connection 10 mm 1/2 threaded sleeve + ring	42	230	0.469.15	0.469.35	20
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0.469.32



0.469.33



0.469.35

Description	Multipoint contacts	Nominal value	Ref	Wkg Spr
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GU10, GZ10 AND GU5.3

- Equipped with multi-strand wires 0.75 mm², PTFE insulation, length 140 mm
- Holes for M3 screws
- External stop screws
- Maximum temperature. : 230 °C.

GU10, GZ10 + 2 wires 140 mm

Type 31000/31010 Body : steatite, T240	-	2/250	0.479.12	20
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GU5.3 + 2 wires 140 mm

Type 32700. Ceramic body, mica T300 cover plate	CuNiZn	10/24	0.479.11	20
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0.479.12

Temporary lampholder, flushmount lampholder and accessories



Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
-------------	----------------	-------------	-----	-----------

TEMPORARY LAMPHOLDER

- Automatic connection
- Cable clamp and snap-on cap
- Cable inlet diameter 11 mm.

B22	70	230	0.452.38	20
E27	70	230	0.452.39	20



0.452.38



0.452.39

Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
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FLUSHMOUNT LAMPHOLDER

- Odds int. 70 mm / Ext. dimensions 80 x 100 mm
- Head adjustable in all directions by rotation of the socket
- Inlets: 4 tips Ø 20 mm.

À tête orientable

E27	70	230	0.429.02	6
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0.429.02

Description	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
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ACCESSORIES

Installation Tester

B22 automatic connection (Removable)	70	230	0.452.18	50
E27 automatic connection (Removable)	70	230	0.452.19	50

Plug adapter

From B22 to E27	70	230	0.124.91	25
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0.452.18



0.124.91

Description	Length mm	Thickness mm	Ref	Wkg - Spr
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Threaded rods M10 galvanized steel for plug

Threaded rod	20	-	0.480.01	100
	40	-	0.480.02	100
	60	-	0.480.03	100

Nuts

Nut	-	4	0.480.00	100
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0.480.01



Connection mm	Step mm
10	1
11 pas de becs	1.337
17 pas de becs	1.337

correspondences between connections and steps.

Switch stranded wire



Description	L x l x H mm	Ref White	Ref Black	Ref Old gold	Ref Brown	Wkg Spr
Two-wire unipolar 2 A - 250 V						
Permissible flat cable section either for 2 x 0.5 mm ² or 2 x 0.75 mm ²	60 x 27 x 16	0.301.11	0.301.12	-	-	20
Two-wire bipolaire 2 A - 250 V						
Permissible flat cable section either for 2 x 0.5 mm ² or 2 x 0.75 mm ²	60 x 27 x 16	0.301.14	0.301.15	-	-	20
Single-line unipolar on foot 2 A - 250 V						
Can be used as foot switch	Ø 10 x H 34	-	0.308.01	-	-	20
Mini-switches 2 A - Switch						
Connections: by side Closed contact	21 x 12 x 8 (Flange Ø 10 mm)	-	0.302.28	-	-	50



0.301.11/14



0.301.12/15



0.308.01



0.302.28



Standardized adapters

Description	Ref	Wkg - Spr
Tridis - 3 sockets 16 A LNE (1)		
Pins Ø 4.8 mm white	0.117.24	20
Triplite facade - 3 sockets 16 A LNE (2)		
Pins Ø 4.8 mm white	0.117.30	20



0.117.24



0.117.30

(1) For the connection of Class I and/or II equipment.
 (2) For the connection of Class I appliances.

Description	Socket	Ref	Wkg - Spr
-------------	--------	-----	-----------

ADAPTERS 16 A, 20 A AND P17

Plug adapter

16 A - France (pins Ø 4.8 mm) (1)	6 A (pins Ø 4 mm)	0.104.12	20
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(1) For the connection of Class II appliances only.



0.104.12

Description	Socket	Ref	Wkg - Spr
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TRAVEL ADAPTERS

France plug for Germany socket

16 A LNE (pins Ø 4 mm ou Ø 4.8 mm)	16 A LNE (pins Ø 4.8 mm)	0.101.01	10
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Germany plug for France socket

16 A LNE (pins Ø 4.8 mm)	16 A LNE (pins Ø 4 mm or Ø 4.8 mm)	0.101.12	10
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UK plug for France socket

5 A LNE (flat pins)	16 A LNE (pins Ø 4.8 mm)	0.101.42	10
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USA plug for France / Germany socket

15 A 125 V LNE (flat pins)	16 A LNE or SCHUKO (pins Ø 4.8 mm)	0.101.21	10
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0.101.01



0.101.12



0.101.42



0.101.21

Surge arrester

Description	Number of sockets			Cords		Dimensions mm	Ref	Wkg Spr
	16 A LNE	RJ45	TV	RJ45	Coaxial TV			

Surge arrester socket

1 socket 16 A LNE	1	-	-	-	-	62 x 89 x 73	0.127.30	6
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Extension cords 6 surge arrester sockets (Power cord 3G1 mm² - 1.5 m)

6 sockets LNE	6	-	-	-	-	69 x 404 x 46	0.127.40	6
6 sockets LNE with connections RJ45 + TV	6	2	2	1.8 m	1.8 m	69 x 446 x 46	0.127.42	6



0.127.30



0.127.40

Description

- Lightning arrester on 16 A sockets and on TV and RJ45 connections for protection of your household appliances, computers and multimedia equipment
- Surge arrester indicator
- Flat base ensuring the stability of the multi-socket extension cord
- Glossy white/grey or black finish
- Child protection
- Shifted sockets for connecting chargers with transformer
- Power supply 230 V / 50 Hz
- Power max. 3680 W.



0.127.42



Surge arrester

Type	3
Protection mode	L-N, L-T, N-T
Up (closed circuit voltage)	
Lightning arrester sockets	1 kV
Surge arrester extension cords 6 sockets	1.1 kV
Uoc (tension circuit ouvert)	3 kV
Response time	<1 ns
Max. discharge current	6 kA
Absorption capacity	750 J

Surge arrester RJ45 and TV

Up (tension circuit fermé)	1 kV
Uoc (tension circuit ouvert)	3 kV
RJ45 compatible RJ11	Yes

Standard

Description	Power cords		Dimensions L x l x H mm	Power max. (W)	Voltage V 50 Hz	Ref		Wkg Spr
	Cable mm ²	Lenght m				Without switch	With switch	
Extension Cables 3 sockets								
3 sockets 16 A LNE	3G1	1,50	250.7 x 68.7 x 46	3680	230	0.127.10	0.127.11	10
	3G1.5	1,50	250.7 x 68.7 x 46	3680	230	0.127.01	-	10
	3G1.5	3	250.7 x 68.7 x 46	3680	230	0.127.02	0.127.04	10
	3G1.5	5	250.7 x 68.7 x 46	3680	230	0.127.03	0.127.05	10
Extension Cables 4 sockets								
4 sockets 16 A LNE	3G1	1,50	296.7 x 68.7 x 46	3680	230	0.127.12	0.127.13	10
	3G1.5	1,50	296.7 x 68.7 x 46	3680	230	0.127.07	0.127.09	10
	3G1.5	3	296.7 x 68.7 x 46	3680	230	0.127.08	0.127.20	10
	3G1.5	5	296.7 x 68.7 x 46	3680	230	-	0.127.21	10
Extension Cables 5 sockets								
5 sockets 16 A LNE	3G1	1,50	342.7 x 68.7 x 46	3520	230	0.127.14	0.127.15	6
	3G1.5	1,50	342.7 x 68.7 x 46	3520	230	0.127.23	0.127.25	6
	3G1.5	3	342.7 x 68.7 x 46	3520	230	0.127.24	0.127.16	6
	3G1.5	5	342.7 x 68.7 x 46	3520	230	-	0.127.26	6
Rallonges 6 prises								
6 sockets 16 A LNE	3G1	1,50	388.7 x 68.7 x 46	3520	230	0.127.17	0.127.18	6
	3G1.5	3	388.7 x 68.7 x 46	3520	230	0.127.29	0.127.19	6
	3G1.5	1,50	388.7 x 68.7 x 46	3520	230	0.127.28	-	6



0.127.11



0.127.13



0.127.14



0.127.18

Description

- Range of standard power multi-sockets for connecting up to 6 electrical devices
- A neat design and colors that fit perfectly into the living spaces
- Shifted sockets that offer the possibility of connecting up to 6 chargers
- A switch that can be manipulated by hand or foot for easy use of the power multi-sockets, with on/off indicator light (depending on model)
- Flat base ensuring the stability of the multi-socket extension cord
- Child protection
- Power cord available in length 3 m.

Professional

Description	Dimensions L x l x H mm	Power max. (W)	Voltage (V)	Ref	Wkg - Spr
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PROFESSIONAL BLOCKS

- Cables 3G1 mm² with male plug double earth long 1.5 m approximately 1.5 m
- Bracket end fixing
- Child protection.

5 sockets 16 A

Without switch	260 x 66 x 48	3680	230	0.114.03	1
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6 sockets 16 A

With light switch	350 x 66 x 58	3680	230	0.114.08	1
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5 sockets 16 A with bipolar circuit breaker 2 x C16 A - Cut-off power: 6 kA

With light switch	440 x 66 x 68	3680	230	0.114.27	1
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5 sockets 16 A with differential circuit breaker phase + neutral C16 A IDN 30 mA - Cut-off power: 4.5 kA

With light switch	440 x 66 x 68	3680	230	0.114.30	1
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Plus : customizable on demand
number of sockets, with or without switch, with or without circuit breaker



0.114.03



0.114.08



0.114.27



0.114.30



6 A and 16 A

Description	For cable Ø maxi. mm	Ref White	Ref Black	Ref Gris	Wkg Spr
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MOBILE PLUGS AND SOCKETS 16 A LNE PLASTIC

Plug with cable outlet	sideways (1)	11	0.211.14	0.211.12	0.211.13	20
	straight (1)	11	0.211.48	0.211.41	0.211.46	20
Plug double earth with cable outlet	straight (1)	11	0.214.42	0.214.39	0.214.40	20
Mobile sockets with cable outlet	straight (1)	11	0.213.53	0.213.50	0.213.52	20
Plugs with handle (1)	11	0.214.08	0.214.01	0.214.06	20	
Mobile sockets with handle	11	0.214.29	0.214.25	0.214.27	20	

PLUG WITH CABLE OUTLET RIGHT 6A

For the connection of Class II devices exclusively		0.202.60	0.202.62		20
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FEMALE PLUGS 6A

For the connection of Class II devices exclusively		0.202.75	0.202.77		20
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(1) For the connection of Class I devices.



0.211.14



0.211.48



0.214.40



0.214.06



0.213.50



0.214.29



0.202.60



0.202.77

Description	IP	IK	Ref	Wkg Spr
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MOBILE PLUG AND SOCKET 16 A LNE RUBBER

– For cable H 07 RNF - 3G1.5 mm² maxi.

Mobile plug (2)		44	-	0.214.71	10
Waterproof mobile plug male/female with sealing ring (2) (3)		65	08	0.214.77	10
Mobile socket	1 socket (2)	40	-	0.214.74	10
	1 plug with sealing flap (3)	65	08	0.214.80	10
	3 plugs with sealing flap (3)	44	-	0.214.85	5

(2) For the connection of Class I devices.

(3) Locking provided by clamping ring.



0.214.71



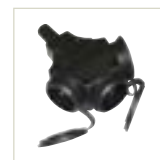
0.214.77



0.214.74



0.214.80



0.214.85

Cable outlets and mounting frame



10 / 20 / 32 A - Cable outlets and mounting frame

Description	Fixation	Installation	Ref	Wkg Spr
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CABLE OUTLETS

For cable Ø 6 to Ø 11 mm - 10 / 20 A

Plate 75 x 75 mm with cable clamp	screw	for mounting frame ref. 0.255.06 or recessed in box	0.254.18	20
	clawed	recessed in box Ø 65 mm	0.254.28	20

For cable Ø 11 to Ø 19 mm - 20 / 32 A

Plate 100 x 100 mm with cable clamp	screw	for mounting frame ref. 0.255.08 or recessed in box	0.254.48	20
	clawed	recessed in prefabrication box	0.254.88	20

Dimensions - mm	Fixing spacing - mm	Ref	Wkg Spr
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MOUNTING FRAMES

80 x 80 x 40	60	0.255.06	10
100 x 100 x 36	77	0.255.08	10



0.254.18



0.254.48



0.255.06



0.255.08



Voice Data Images (VDI)

Connectors and cords

Dimensions - mm	Bandwidth	Ref	Wkg Spr
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DISPATCHERS

5 outlets	5-2300 MHz	0.326.15	5
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Description	Ref	Wkg Spr
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CONNECTION

Plug "F" or coaxial cable Ø 7 mm

À visser	0.326.20	25
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Adapters "F"

"F" female - "F" female	0.326.24	25
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"F" female - male Ø 9.52 mm	0.326.27	10
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Straight TV plugs - Coaxiale Ø 9.52 mm - 75 ohms - CEE

Male	0.325.12	20
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Female	0.325.18	20
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Angle TV plugs - Coaxiale Ø 9.52 mm - 75 ohms - CEE

Female	0.325.19	20
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0.326.20



0.326.24



0.326.27



0.325.12



0.325.18

Description	Connection	Lenght - m	Ref	Wkg Spr
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TV CORDS

TV Cords

Coaxiae Ø 9.52 mm	male/male + adapter female/female	2	0.364.53	10
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0.364.53



Network connectivity

Plugs, socket and cords

Description	Ref	Wkg Spr
PLUGS AND ADAPTERS		
Telephone plug		
Plug 8 contacts	0.327.33	10
Adapters Numéris with outlets RJ45 (8P8C)		
Simple 8 contacts	0.327.50	10



0.327.33



0.327.50

Description	Ref	Wkg Spr
MOUNTING FRAME		
Socket T		
Surface-mounted - Simple plug 8 contacts	0.327.39	10
To be fixed to drywall box, Surface-mounted box or in cable duct.		



0.327.39

Description	Color	Lenght - m	Ref	Wkg Spr
CORDS				
Extendable cords				
Male RJ9 - male RJ9 (4P4C)	Ivory	0.3 - 1.5	0.327.70	10
	Black	0.3 - 1.5	0.327.72	10
Connecting cords				
Male RJ11 (6P4C) - male RJ45 (8P8C)	Ivory	3	0.327.77	5
Extension cords				
Standard type "T" - 4-conductor flat cable	Ivory	5	0.327.94	10
		10	0.327.95	5



0.327.72



0.327.77



0.327.94

Connectors 10 A LNE

Description

- Use 3G1 mm² cable
- Screw connection
- For the connection of Class I devices.

Connector	Power (W)	Voltage (V)	Temperature max. (°C)	Ref	Wkg Spr
Mobile plug					
C13	2300	230	65	0.337.01	10

female



0.337.01

Connector	Power (W)	Voltage (V)	Température max. (°C)	Ref	Wkg Spr
Mobile socket					
C14	2300	230	65	0.337.05	10

male



0.337.05

Cords

Plug	Cable	Power max. (W)	Voltage (V)	Length (m)	Ref White	Ref Black	Ref Grey	Wkg Spr
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POWER CORDS

- Packaging: Plastic bag / Cavalier cardboard.

Adapter P17

16 A LNE	H 05 VVF (extensible) 3G1.5 mm ²	2200	230	3 (étiré)	0.371.09	0.371.10	-	5
	H 05 VVF 3G1.5 mm ²	2200	230	1.5	0.371.01	-	-	25
	H 05 VVF 3G1.5 mm ²	3500	230	1.5	-	-	0.371.07	25
		3500	230	5	0.371.12	-	-	5



0.371.09



0.371.01



Connectors, cords

Extenders and power cords

Connector	Power (W)	Voltage (V)	Lenght (m)	Ref	Wkg Spr
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CORDS

Extenders 6A LN

Cable H 03 WH2F 2 x 0.75 mm ²	1320	230	2	0.360.30	25
	1320	230	3	0.360.31	25
	1320	230	5	0.360.33	25



0.360.30

Connector	Power (W)	Voltage (V)	Lenght (m)	Ref	Wkg Spr
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EXTENDERS 16 A

Extenders 16A LNE

Cable H 03 WH 3G1.5 mm ² with double earth male plug	3500	230	3	0.363.01	25
	3500	230	5	0.363.03	10
	3500	230	10	0.363.04	5



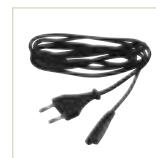
0.363.01

Connector	Power (W)	Voltage (V)	Lenght (m)	Ref	Wkg Spr
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POWER CORDS

Radio power card

Cable H 03 WH2F 2.5 A 2 x 0.75 mm ²	-	-	2	0.363.90	10
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0.363.90



0.363.79

Power card with connector 10 A LNE C13

Cable H 03 WH - 3G1 mm ² with male plug double earth and connector 65 °C maxi.	2200	230	1.8	0.363.79	10
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0.363.82

Power card with connector 10 A LNE C15

Cable H 03 RRF - 3G1 mm ² with male plug double earth and connector 120 °C maxi.	2200	230	1.8	0.363.82	10
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Connector	Power (W)	Voltage (V)	Lenght (m)	Ref	Wkg Spr
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CAMPING PLUG ADAPTER

- Allows you to connect household appliances to a camping terminal.

Adapter P17

Cable H 07 RNF 3G1.5 mm ² Male plug P17 Female plug 16 A LNE	-	-	0.3	0.363.85	10
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0.363.85

Clips for tubes and cables

Ø cable (mm)	Ø nail (mm)	L nail (mm)	Ref White	Ref Grey	Wkg Spr
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ROUND CABLE CLIPS NAIL

- Galvanized steel nail, pre-assembled
- Wide foot attachment
- Delivered in a brochable transparent plastic bag.

4	1.8	16	0.683.34	-	100
5	1.8	16	0.683.35	0.683.05	100
6	1.8	25	0.683.36	0.683.06	100
7	1.8	25	0.683.37	-	100
8	1.8	25	0.683.38	0.683.08	100
10	2	30	0.683.40	0.683.10	100
12	2	30	0.683.42	0.683.12	100
14	2.5	40	-	0.683.14	100
16	2.5	40	-	0.683.16	100
19	2.5	40	-	0.683.19	100
20	2.5	40	-	0.683.20	100
22	2.5	50	-	0.683.22	100
29	2.5	50	-	0.683.29	50



0.683.04

Description	Ref
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AJUSTABLE CABLE CLIPS

Cable clips grey from 4 to 7 mm	0.684.34
Cable clips grey from 7 to 11 mm	0.684.38
Cable clips grey from 10 to 14 mm	0.684.41
Cable clips grey from 14 to 17 mm	0.684.44

For tube	Ø mini. (mm)	Ø maxi. (mm)	Ref	Wkg Spr
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MODULAR SCREWLESS TERMINAL BLOCKS

- Fixing of the tubes by clipping
- Fastening of clips: screws Ø 4 mm, gluing or on DIN rail 11 mm
- Excellent hold in any position
- Can be associated with each other regardless of the diameter of the tube, without loss of space.

CEI 16 - IRL 16	15	16	0.686.01	100
CEI 16 - IRL 20	20	21	0.686.02	100
CEI 16 - IRL 25	25	26	0.686.03	100



0.686.01
and 0.686.02

Screw terminal blocs, terminals and connectors

For section of wires (mm ²)	Intensity (A)	Ø of the hole (mm)	Dimensions A x b x c x d x e (mm)	Ref Black	Ref White	Wkg Spr
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SCREW TERMINAL BLOCS 12 WAYS

- Brass inserts
- Extra flexible flame retardant polypropylene terminal blocs
- Delivered screws unscrewed
- Glow-wire resistance (according to standard NF EN 60-695-2) 850 ° C.

2.5	15	2.45	93 x 15 x 12 x 2 x 8	0.868.01	-	10
6	25	3.9	107 x 17 x 15 x 2.5 x 9	0.868.11	-	10
10	32	5.1	133 x 21 x 18 x 3 x 12	0.868.21	0.868.28	10
16	50	5.45	155 x 24 x 21 x 3.5 x 13	0.868.31	0.868.38	10
25	63	6.8	214 x 33 x 28 x 4.3 x 18	0.868.41	-	10



0.868.01

For section of wires (mm ²)	Ref 2 ways	Ref 3 ways	Wkg Spr
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CONNECTORS WITH PORCELAIN INSULATION

- Nickel-plated brass inserts
- Anti-rust chromated galvanized steel screws
- Operating temperature: max 230 °C continuous.

4	0.867.01	0.867.02	10
10	0.867.03	0.867.04	10
16	0.867.05	0.867.06	10



0.867.02

For section of wires (mm ²)	Intensity (A)	Dimensions L x H (mm)	Fixing spacing (mm)	Ref	Wkg Spr
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ANTI-SHEARING TERMINALE

- Anti-shear screws (duclanized brass)
- Polycarbonate body
- Glow-wire resistance 850 ° C
- Operating temperature: -40°C / +135°C
- Juxtaposition of the terminals by clipping.

6	25	11.5 x 21.5	18.5	0.869.00	100
10	32	12.5 x 24.5	19.7	0.869.01	100
16	40	14 x 28.5	21.5	0.869.02	100
25	63	17.5 x 31	25	0.869.03	100
35	80	21 x 46.5	34.5	0.869.04	50
50	100	23 x 48	37	0.869.05	50



0.869.00



0.869.01

Type aM

Calibre (A)	Voltage (V)	Cut-off power (kA)	Ref without striker	Ref with striker	Wkg Spr
10 x 38 mm - HPC					
2	500	120	0.601.02	-	10
4	500	120	0.601.04	-	10
6	500	120	0.601.06	-	10
10	500	120	0.601.10	-	10
16	500	120	0.601.16	-	10
20	500	120	0.601.20	-	10
25	400	120	0.601.25	-	10



Type gG Industrial

Calibre (A)	Voltage (V)	Cut-off power (kA)	Ref without light	Ref with light	Wkg Spr
10 x 38 mm - HPC					
1	500	120	0.610.01	-	10
2	500	120	0.610.02	0.611.02	10
4	500	120	0.610.04	-	10
6	500	120	0.610.06	0.611.06	10
10	500	120	0.610.10	0.611.10	10
16	500	120	0.610.16	-	10
20	500	120	0.610.20	-	10
14 x 51 mm - HPC					
10	500	120	-	0.613.10	10
32	500	120	0.612.32	-	10
22 x 58 mm - HPC					
20	660	120	0.614.20	-	10
32	660	120	0.614.32	-	10



Type gG Domestic

Calibre (A)	Voltage (V)	Cut-off power (kA)	Ref without light	Ref with light	Wkg Spr
8.5 x 23 mm					
2	230	6	0.624.02	-	10
4	230	6	0.624.04	-	10
10	230	6	0.624.10	0.644.10	100
10.3 x 25.8 mm					
10	230	6	0.625.10	-	10
16	230	6	0.625.16	0.645.16	100
8.5 x 31.5 mm					
6	400	20	0.631.06	-	10
10	400	20	0.631.10	-	10
12	400	20	-	-	10
16	400	20	-	0.661.16	100
20	400	20	0.631.20	0.661.20	100
10.3 x 38 mm					
32	400	20	0.638.32	0.668.32	10





Source	Power (W)	Luminous flux (lm)	CCT (K)	Lenght mm	Ref	Wkg Spr
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TUBES

S19 LED Tube

S19 LED	7	450	3000	∅ 38 x 310	0.799.67	10
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Source	Power (W)	Luminous flux (lm)	CCT (°K)	Ref	Wkg Spr
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LAMPS

LED Lamps

E27	9	800	3000	0.799.68	
E27	11	1055	4000	0.799.65	



Technical notebook

1. Current standards

Our luminaires are designed according to the standards. Our development procedures lead us to test products in the ignition-extinction cycle and advanced aging in a dedicated enclosure, in which we use the luminaires beyond the expectations of market standards.

Installation standards

- NFC 15-100 + UTE 15 443 (surge protection)
- IEC 61-643 surge arresters connected to BT networks
- NF C 71-121

Luminaire design and performance standards

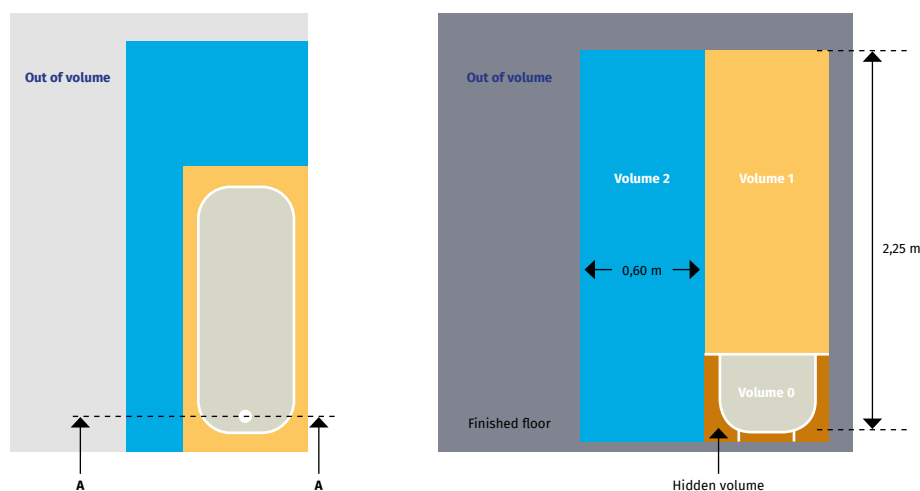
- NF EN 60-598-1
- NF EN 60-598: lighting design
- NF EN 62-722: performance of luminaires

Public establishment / Establishments Receiving Workers = level of illumination

- EN 12464-1
- Regulations on the accessibility of public establishment

Thermal Regulations 2012 / 2020

NF C 15-100 in bathrooms



Volumes	Degrees of protection	Canalization	Equipment	Materials for use excluding water heaters (5)
0	IPX7	Powered by TBTS Limited à 12 V ~ ou 30 V $\overline{\text{---}}$	Forbidden	Powered by SELV limited to 12 V or 30 V $\overline{\text{---}}$
1	IPX4 (4)	II (1)	SELV circuit control devices limited to 12 V ~ or 30 V $\overline{\text{---}}$	Powered by SELV limited to 12V~ or 30 V $\overline{\text{---}}$
2	IPX4 (3)	II (1)	<ul style="list-style-type: none"> - Powered by SELV limited to 12V~ or 30 V $\overline{\text{---}}$ - Razor PC (2) - DCL stand protected by DDR 30 mA 	<ul style="list-style-type: none"> - Class II and protected by DDR 30 mA - Or powered by SELV limited to 12V~ or 30V $\overline{\text{---}}$
Hidden volume	IPX4	II (1)	Forbidden	See 701.3.7.1

Source : NF C 15-100 (juin 2015)

- (1) Limited to those necessary to power the devices located in this volume.
- (2) Socket base powered by a transformer of assigned power separation between 20 VA and 50 VA in accordance with NF EN 61558-2-5: „Safety of transformers, inductor coils, power supplies and combinations thereof - Part 2-5: Particular requirements and tests for transformers for razors, power supplies incorporating a transformer for razors and power supplies for razors“.
- (3) IPX5 if this volume is subjected to water jets for cleaning purposes, for example in swimming pools, and public baths and horizontal jet showers.
- (4) IPX5 if this volume is subjected to water jets for cleaning purposes, e.g. in public baths.
- (5) For the water heater, see 701.3.6





2. Illuminance levels

Standard NF EN 12464-1 Lighting of Indoor work places - (Jully 2011)

The standard NF EN 12464-1 gives the requirements of Unified Glare Rating (UGR) not to be exceeded, and minimum CRI for indoor lighting by area, task and activity.

Type of interior, tasks, activities	Maintained illuminance (lux)	UGR (maxi)	CRI (mini)
Circulation areas and corridors	100	28	40
Stairs, escalators, travelators	150	25	40
Store and stockrooms	100	25	60
Sales stores, Sales area	300	22	80
Till area	500	19	80
Public spaces, Entrance halls	100	22	80
Ticket office	300	22	80
Restaurants, hotels, Reception desk, Cashier desk, Janitors	300	22	80
Kitchen	500	22	80
School buildings, classrooms in primary and secondary schools	500	19	80
Technical drawing room	750	16	80
Offices			
Filing, copying, etc.	300	19	80
Writing, typing, reading, data processing	500	19	80
CAD work stations	500	19	80
Reception desk	300	22	80
Archives	200	25	80

ERT Etablissement Receptant des Travailleurs
(Establishment Receiving Workers)
ERP Etablissement Receptant du Public
(Establishment Receiving the Public)

IGH Immeuble de Grande Hauteur
(High Rise Building)
BHC Bâtiment d'Habitation Collectif
(Collective Dwelling Building)

2. Illuminance levels

Accessibility for people with disabilities

The regulations on the accessibility of the built environment to persons with disabilities have been applicable since 1 January 2007 to new or renovated buildings intended to receive the public (ERP) or residential premises.

This regulation is based on the decrees of 1 August 2006 relating to ERP (Establishments Receiving the Public) and BHC (Collective Housing Buildings).



Type of interior	Maintained illuminance (lux)
Exterior path	20
Horizontal circulations	100
Internal staircase	150
Interior of collective premises	100
Reception station	200
Parking: pedestrian traffic	20
Parking: excluding pedestrian traffic	20

Automatic control device

- Must cover the entire space concerned.
- 2 successive detection zones must be juxtaposed.
- Whatever his size, a user who uses a common traffic equipped with a lighting system operating by presence detection must not risk being in the dark.

Standby dimmed level :

- The objective is to provide a warning signal of the imminent extinction of the lighting system.
- Mandatory in ERPs and in new BHC for timer installations.

Fire safety: Glow-wire resistance

The decrees of 11 December 2009 for LES and of 30 December 2011 for IGH published in the OJ define which glow-wire resistance luminaires must meet:

- Glow-wire resistance

Premises concerned	ERP	IGH
Horizontal circulations and stairs	650°C	850°C
Other premises	650°C	650°C

ERT Etablissement Recepteur des Travailleurs
(Establishment Receiving Workers)

ERP Etablissement Recepteur du Public
(Establishment Receiving the Public)

IGH Immeuble de Grande Hauteur
(High Rise Building)

BHC Bâtiment d'Habitation Collectif
(Collective Dwelling Building)



3. Installation & Protection

The installation of surge arrester at the head of the line

Electronic devices use components that are vulnerable to power surges. Luminaires equipped with motion detectors are all the more vulnerable as they remain permanently connected to the mains.

What the standard indicates:

NF C 15-100 requires the use of a lightning arrester when the building is located within 50 m of a lightning rod (GSM antenna, metal structure, church) and when the safety of people is at stake.

In addition to these obligations, UTE Guide 15 443 sets out additional obligations resulting from a duly carried out risk analysis.

In particular, it leads to the use of lightning arresters when the building is supplied by a partially or totally overhead line.

Reminder of the types of Surge arrester:

- Type 1: building equipped with a surge rod
- Type 2: building with no surge rod
- Type 3: after type 1 or 2, as close as possible to the device to be protected.

Precise protection needed

With regard to IEC 61643 (§6.1.2 and 6.1.3), type 3 protection is:

- Necessary when the distance between the device and the surge arrester is >10m
- Mandatory to protect electronic equipment

Lebénôid requires the use of surge arresters whatever the type of installation, renovation or new, as well as type 3 protection as close as possible to the device to be protected.

The absence of protection entails the nullity of the guarantee.



Keraunique level map in France

■ NK ≤ 25

■ NK > 25

NK: Keraunique level (Number of days per year when thunder was heard).



3. Installation & Protection

Standards

Our luminaires are designed and qualified in France according to the normative reference system concerning safety and performance (NF EN 60598). Our products thus meet all safety and performance criteria.

ALLOWED	FORBIDDEN
<p>The installation of the devices must be such that natural ventilation always exists around the porthole, on the back side and on the front side.</p> <p>It is recommended to use our luminaires on timer or with presence detector (integrated or remote) in order to preserve its lifespan.</p> <p>In case of wall installation, portholes equipped with E27 sockets must be installed socket at the bottom.</p>	<p>Recessed luminaires, even slightly, in their support.</p> <p>install luminaires against insulation such as glass wool, expanded polystyrene, etc.</p> <p>Cover the portholes with insulating magma (paint, dust, etc.).</p> <p>Permanent or continuous use (as in the case of use on twilight switch, 24-hour use or permanent ignition at night...).</p>



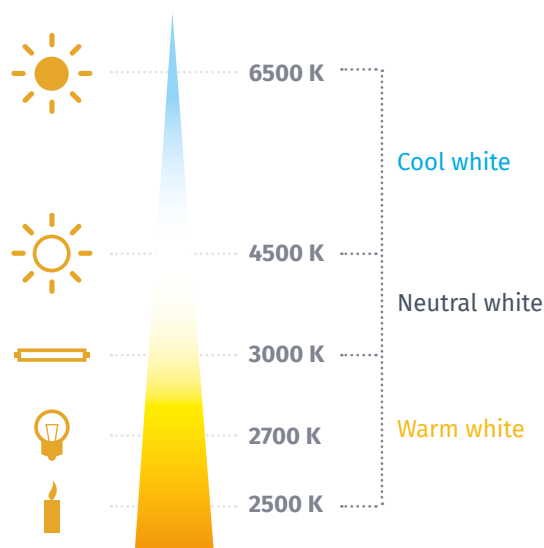
For any job other than domestic, the user must check that the surrounding constraints are compatible with the performance of the product. Lebenoïd cannot be held liable in the event of misuse of the product.

Only lanterns can be installed in rooms with a slightly acidic atmosphere such as swimming pools, dairies, livestock premises, drinking water tanks... and this without prejudging the effect of this atmosphere which can significantly reduce the life of the product.

4. Technologies

Les composantes de la lumière

• The components of light = **IK**



• The emitted luminous flux expressed in Lumens = **lm**

• The amount of light received per unit area = **lux**



• Colour rendering index = **CRI**

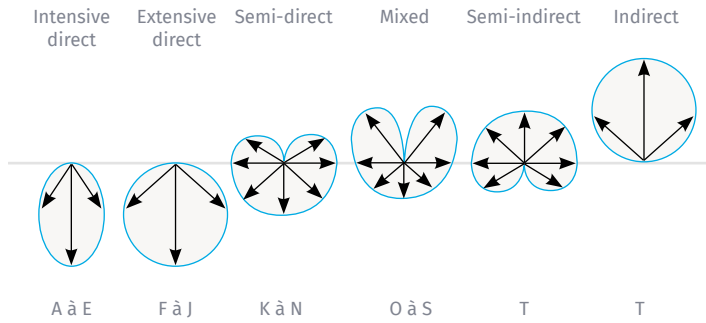
CRI is the ability of a lamp to reproduce colors on par with natural light.

- IRC < 25 faded colors
- 25 < IRC < 65 tarnished colors
- 65 < IRC < 90 right colors
- IRC < 90 actual colors

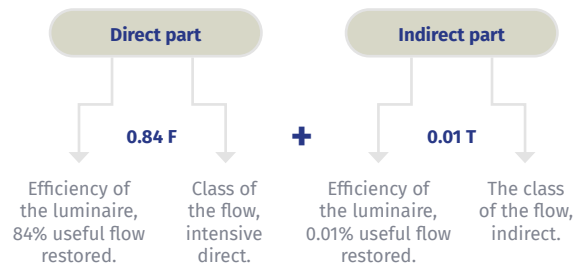


4. Technologies

The different types of luminous flux



Example :



Quantity expressed in lumens (lm) is the power of visible radiation. We distinguish:

- The nominal flow: amount of light emitted by the source
- The useful flow: amount of light emitted by the luminous apparatus. This value is subject to the efficiency of the luminaire.

$$\text{Luminaire efficiency} = \frac{\text{Useful flow provided by the luminaire}}{\text{Flow emitted by the source}}$$

Luminous efficiency

The coefficient of luminous efficiency is expressed in lumens per Watt (lm/W).

$$\text{Luminous efficiency coefficient} = \frac{\text{Useful luminous flow of the luminaire}}{\text{Total electrical power consumed by the luminaire}}$$

Glare

In interior lighting, the glare of discomfort is evaluated by calculating the UGR glare rate (Unified Glare Rating). The calculation method is defined by IEC 117, on a scale of 10 (negligible) to 30 (intolerable)

Network pollution, power factor and harmonics

Power factor

The power factor characterizes the phase shift between current and voltage. The closer the power factor is to 1, the better the behavior of the luminaire on the electrical grid.

Harmonic distortion

Expressed in %, the total harmonic distortion (THD) is an indicator of signal quality. A low THD can contribute to heating the network and generating outages.

$$\text{Power factor} \\ P = U \times I \times \cos\phi$$

Ex: for a luminaire with a power of 20W with a PHI cos of 0.5, EDF will have to provide a 2 times higher intensity to maintain the power of the luminaire.

Harmonic distortion

4. Technologies

LED light generators designed by Lébénoid

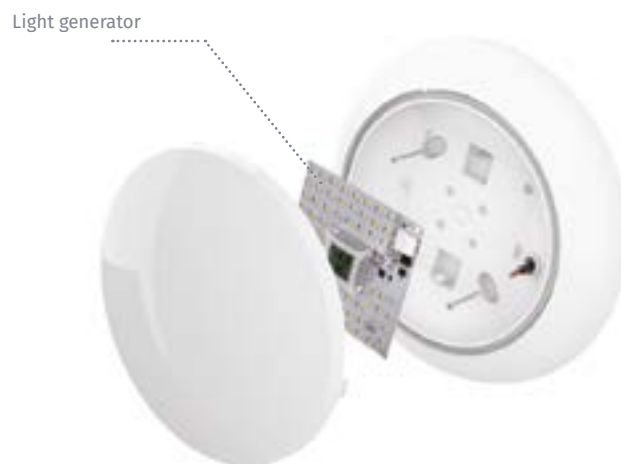
The R&D team designs our light generators from A to Z, and selects the LEDs with the greatest attention.

Choice of LEDs, sustainability is a priority

To ensure the quality of our products, we work with all major LED manufacturers (CREE, LG, LUMILED, OSRAM, SAMSUNG).

100% of the LEDs that equip your products are tested at standard LM80 at 10,000h*.

Generators and products are then tested in a speaker dedicated to ignition-extinction cycles or accelerated aging.



Characteristics	AC direct 230V	AC/DC bulkheads	AC/DC striplights	AC/DC oriented flow
LED - LED Types : CREE, LG, LUMILED, OSRAM, SAMSUNG				
PRODUCT RANGE	Vernosc	Axiome/H350/Squad Sextan/Atoll C320	Striploght Eo / Sliméo	bulkheads H350 and SQUAD circulation
SDCM (Standard Deviation Colour Matching)	Tier 3 ellipse	Tier 3 ellipse	Tier 3 ellipse	Tier 3 ellipse
Photobiological risk - RGO	RGO	RGO	RGO	RGO
CRI (Colour rendering index)	> 80	> 80	> 80	> 80
CCT (Correlated Color Temperature)	3000 / 4000 K	4000 K	4000 K	4000 K
PLATIN PERFORMANCE				
Max power W	17,5 W	24 W	9 W	28 W
Power factor(cosφ)	0,99	0,99	0,75	0,99
Total Harmonic Distortion (THD)	17,8%	20,1%	20,1%	20,1%
Compatibility DALI / VARIATION	NO	YES WITH ALIM MW+STB	NO	NO

*measurement of the aging of LEDs according to the protocol established by IESNA



Technical notebook

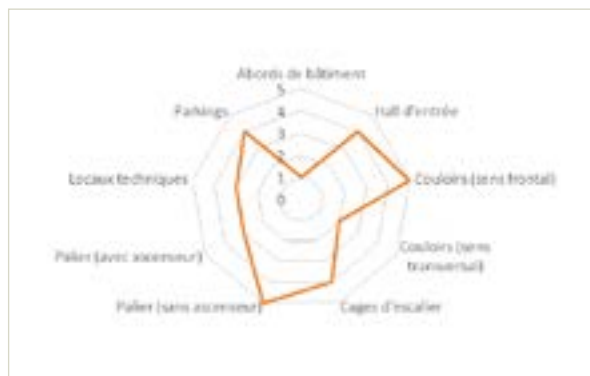
On-board detection in our luminaires

	Microwave	Microwave + standby	Infrared
Principle of operation	The radio waves emitted by the detector are reflected by the obstacles they encounter. The movement generates a different echo depending on the speed and surface.	Microwave detection is complemented by the possibility of controlling the standby dimmed level of the luminaire, ensuring greater safety of use.	The sensor detects heat variations within the coverage volume.
Contributions of the solution	Invisible and sensitive detection.	Invisible, sensitive detection and safe control of the luminaire.	Insensitive to electromagnetic disturbances and movements out of detection.
What environment? indoor/outdoor	Quiet interior/exterior.	Quiet interior/exterior.	Indoor/outdoor with risk of disturbances related to movement.
Frontal performance	+++	+++	+
Performance transversal sense	+	+	+++
Installation precaution	Keep away from water pipes and moving objects (elevator columns, trees, etc.).	Keep away from water pipes and moving objects (elevator columns, trees, etc.).	Keep away from heat sources.
Master -slave function	++	+++	++
Anti-vandalism	+++	+++	+

Microwave



Microwave + standby



Infrared





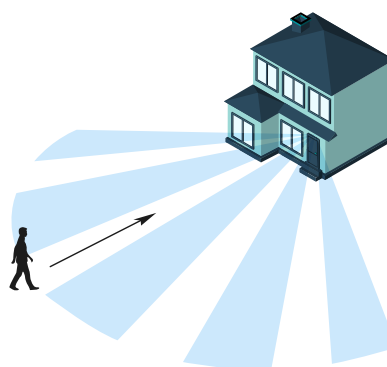
4. Technologies

Detection range and angle

Transverse displacement



Front-end displacement



Characteristics of detectors

Characteristics	M9 MW 5,8 GHz	HEC7030 5,8 GHz	IR
Technologies	Microwave	Microwave + Standby dimmed level	Passive infrared
Connections	Automatic	Automatic	Automatic
Settings	Micro-switches	IR remote control or Micro-switches	Potentiometers
Power consumed in standby	0,5 W	0,5 W	0,5 W
Maximum detection power (installation height: 2.5 m)	W : Ø 10 m C P : Ø 7 m	W : Ø 8 m C : Ø 8 m	W : Ø 6 m C : Ø 8 m
Brightness level (lux)	2 / 10 / 30 / 50 / Off	2 / 10 / 30 / 50 / Off	10 - 800 lux
Temporisation	5" - 30'	30" - 30'	8" - 12'
Detection angle	150°	W : 30° C : 150°	W : 150° C : 180°
Safety function and comfort Standby dimmed level	-	10% / 50% / 100%	-
Timed or permanent standby	-	10" - 30' or permanent	-
Maximum number of master-slave products	5	10	4

*performs the feeding role

** W = wall / C = ceiling lamp



5. Mechanical strength

What is a Lebenoid antivandal bulkheads?

Some of our clients, such as social landlords, are increasingly facing acts of vandalism. The deterioration of equipment, especially luminaires, increases maintenance and sometimes even renovation costs. It is to support our customers that Lebenoid provides antivandal products:

1 Durable (Steel, Aluminum, polycarbonate, anti-vandal screws...)

2 Resistant (anti-tearing, lighter flame resistance, etc.)

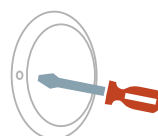
3 Secure: difficult to open/remove without specific tools that come with the porthole.



1 Shock resistance
Anti-vibration



2 Tear resistance
Anti-hanging



3 Anti-vandalism screw

Protection standards

IK - Protection factor against mechanical shocks

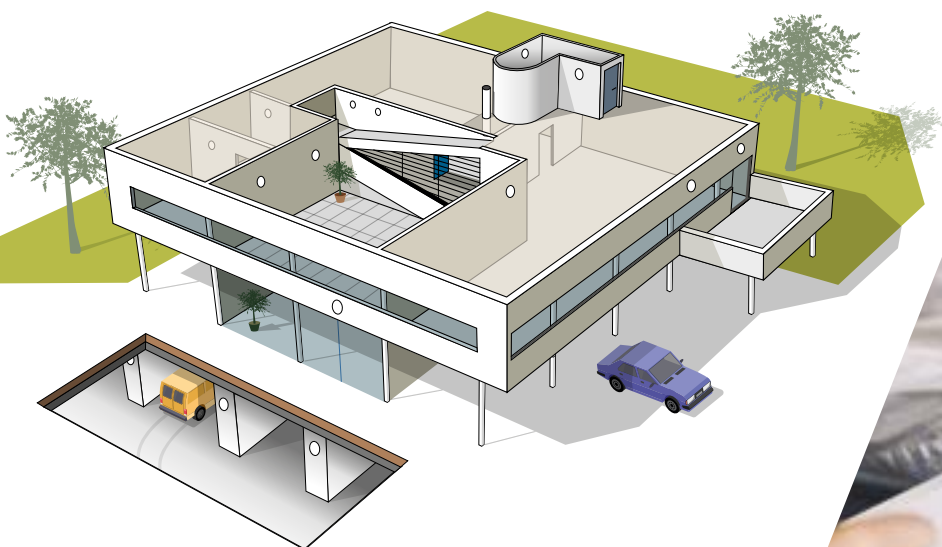
Degree	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	IK10+
Shock Energy (Joule)	0.14	0.20	0.35	0.50	0.70	1	2	5	10	20	50 Resistance index created by Lebenoid for demanding environments

Protection against electric shock

	Classe I	Luminaires with main insulation which comprise devices connecting all of its accessible mechanical parts to the protective driver.
	Classe II	Luminaires whose accessible parts are separated from the active parts by double insulation or reinforced insulation. Does not require connection to the ground.
	Classe III	Luminaires supplied under a very low safety voltage (T.B.T.S.) which does not exceed 50 V (efficient value in alternating current).

IP - Protection class

1 st digit : degree of protection of live parts against the penetration of SOLIDS	2 nd digit: degree of protection of live parts against the penetration of LIQUIDS
Description	Description
0 No special protection	0 No special protection
1 Large foreign bodies, diam. >50mm	1 Dripping water (vertically falling drops)
2 Small foreign bodies, diam. >12.5mm	2 Dripping water when tilted at 15° from its normal position
3 Small foreign bodies, diam. >2.5mm	3 Spraying water (any direction up to 60 degrees from the vertical)
4 Granular foreign bodies, diam. >1mm	4 Splashing of water
5 Granular foreign bodies, diam. >0.5mm	5 Water jets from a nozzle in all directions
6 Granular foreign bodies, diam. >0.1mm	6 High pressure jets
	7 Temporary immersion
	8 Permanent immersion



6. Lighting study

A global study service, what for?

- For all types of projects whose success depends on efficiency.
- To save time for the installer and the client.
- To guarantee a well-sized lighting.

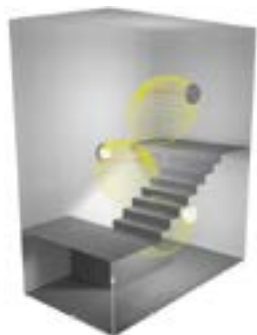
Why trust us?

Experts at your service

We put at your disposal our flexibility and our ability to advise on functional lighting. The studies are carried out under DIALUX environment with the real performance of our luminaires.

Time is money!

From the study to the organization of the site, trust our technical and industrial teams to help you save precious time.



LIGHTING PROJECT STUDY

Lighting study



Factory preset products



Organization of the site



7. Environment and Energy Savings Certificates (CEE)

Lighting in France is:

16% The overall average energy consumption of the home.

90% of energy consumed during the day (source ADEME 2013).

56TWh of electricity consumed in France (ADEME 2017).

Thermal Regulations RT 2012 and RT 2020

The Residential, Tertiary and Industrial sectors are the main energy consumers. Buildings alone account for about 1/3 of European energy consumption. The Grenelle de l'Environnement has asked the Parliamentary Office for the Evaluation of Scientific and Technological Choices to carry out a study on the energy efficiency of buildings, hence the publication of the RT 2012, revised in 2020.

“Controlling lighting consumption is a challenge: all Lebénoid luminaires are available with integrated control devices.

Lebénoid is fully committed to this energy efficiency approach

Design free of hazardous substances

Investment in the recycling of lamps and luminaires

Development of energy-efficient products

Transparency on the environmental footprint of our products

RoHS
2002/95 EC

DEEE

CEE
A++

PEP



7. Environment and EEC

Energy Saving Certificate

Make energy performance a requirement

Our detector-controlled LED luminaires meet the criteria of the BAR-EQ-110 standard.

Eligible products: Energy savings certificate at your disposal to complete your grant files.

Eligibility criteria	Luminaire IK10 and +	Luminaire IK < 10
LED lifespan	40 000 h	50 000 h
Flow drop <30%	✓	✓
Luminous efficiency	≥ 66 lm/W	≥ 90 lm/W
Integrated control device		
Presence or movement	✓	✓
Level of illumination	✓	✓
Presence + level of illumination	✓	✓

Eligible bulkheads ranges

Find all the eligible references in the index of this document



Axiome



Sextan



Squad



H350



Atoll C320



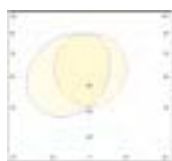
Vernosc

8. Choose a functional luminaire

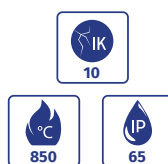
Functional criteria



Types of sources



Luminous flow



Mechanical strength



Trigger mode



Guarantee

Environmental criteria

Pollution

Origin

PEP

Spare Parts

Continuity of ranges

Recycling*



*Guarantees the initial physico-chemical properties of the raw material (FYI not communicable 7% on 160T of PC)



Expert in functional lighting

Founded in 1922, Lébénôid is a French manufacturer of quality **functional luminaires for residential and tertiary sectors**. As a long-standing partner of installers, wholesalers of electrical equipment and design offices, we use all our technical expertise to meet the lighting problems of construction or renovation projects.





Brilliant since 1922



1922 : l'Ebénoïd is set-up near Lyon (France)



1977 : 1st energy-saving bulkhead light with CFL and light-sensor

2003 : 1st bulkhead equipped with PIR motion sensor

2009 : Integratech is set-up in Belgium



2010 : Development of luminaires with LED sources



2017 : 1st tool-less bulkhead for installers - Vernosc range

2018 : MBO for Lebenoid through Lighting Developpement holding



2019 : 1st tool-less bulkhead for installers and consumers - IZY

2021 : Integratech acquisition



2021
Lighting Developpement brings together Lébénoid and Integratech and becomes a Leading European group



Unanimously recognized expertise

In order to offer ever more efficient, competitive and responsible solutions, we rely on two pillars that have always underpinned our expertise:

- **a real industrial know-how:** expertise in injection and assembly, production automation, controlled quality and optimization of logistics flows.
- **a strong capacity for innovation:** with 37 patents filed, the Internal Design Office is at the heart of all product developments. It brings together teams entirely dedicated to Research and Development that combine skills in mechanics, electronics and optics.



Commit to strong values



We build the sustainability of the company on strong values that make our brand a **trusted partner**.



• A **customer-oriented** corporate culture: proximity, responsiveness, understanding of needs, adaptability

• The **availability** of our teams and our products

• A **responsible approach:** limit our environmental footprint as much as possible, develop ever more efficient products in terms of energy efficiency and select LEDs that minimize photobiological risks and ensure a drift-free lighting quality.

• A **Made in France** production that meets the most demanding certifications





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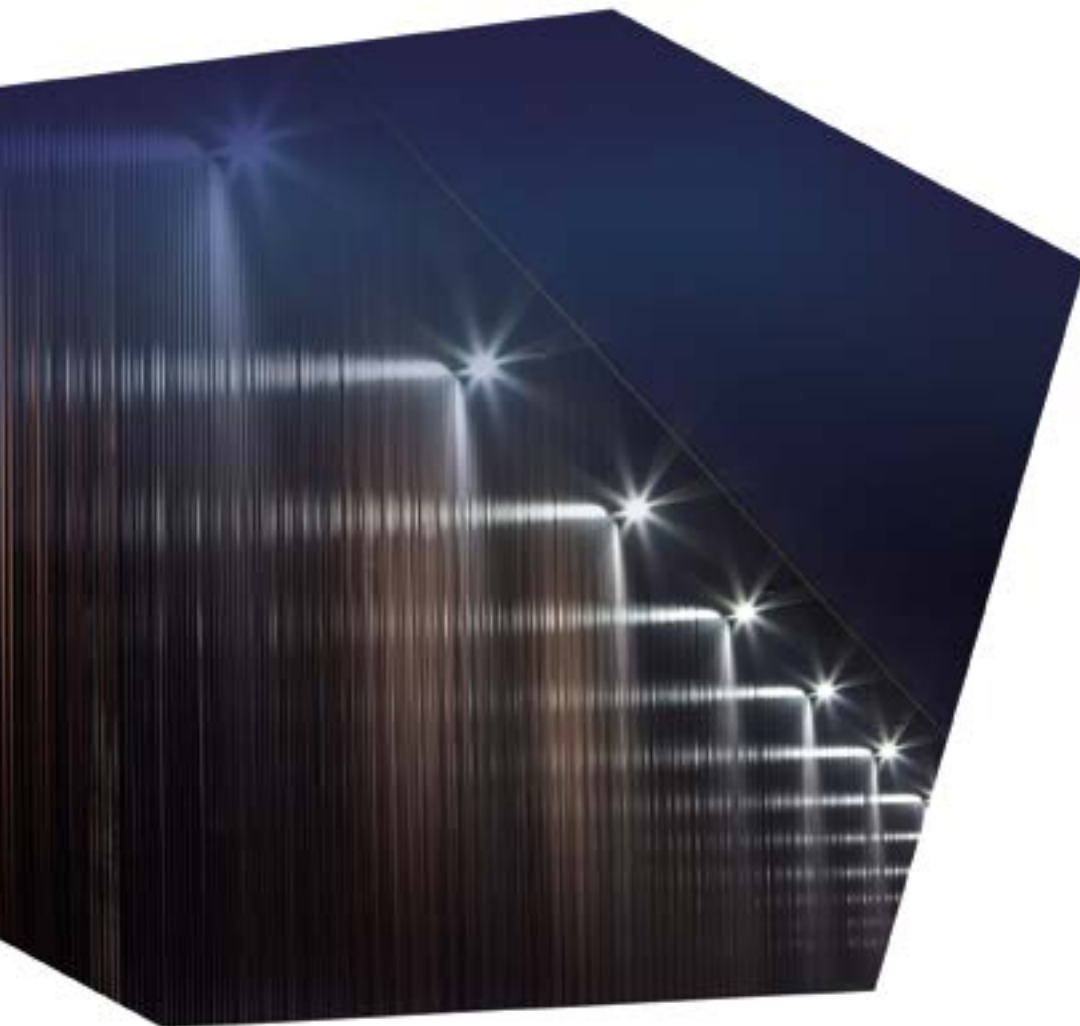


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