

Emergency



Emergency

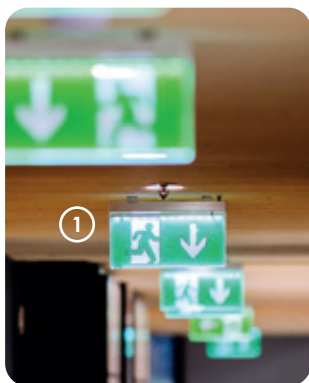
Comprehensive range of emergency lighting



A complete solution for emergency lighting in commercial and industrial areas, complete with the very latest LED and battery technology.

Emergency range

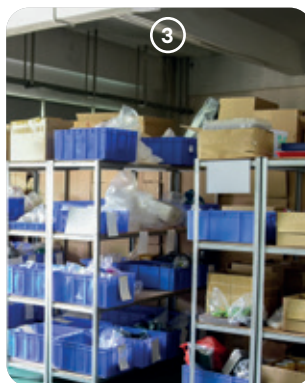
The Collingwood emergency range is safe, reliable and full of market leading performance features. It has low operational running costs across the long product lifetime. The complete range features bulkheads, exit boxes, exit blades, escape routes and twin spots, all complying with ISO 3864-1.



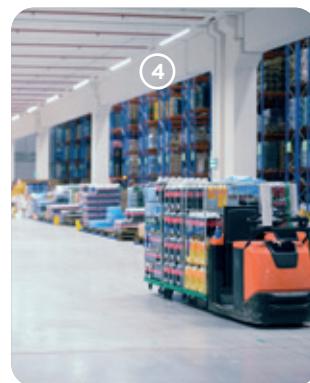
Mount on corridor ceilings



Mount above exits



Light up areas



Light up open areas



① Blade



② Box



② Bulkhead



③ Route



④ Max

Long-life LiFeP04 lithium battery

Greener & longer lasting

LiFeP04 are at the forefront of battery technology, with a smaller footprint than other battery types.

There is a long-life span, and can last up to ten times longer than traditional battery types. The battery recharge rate is quicker than traditional types too. The efficiency of these batteries extends into performance; charge and discharge, which can reach over 90%, which means very little energy is wasted.

5 year warranty

Offering a five-year warranty, so you can be assured of our commitment to quality.

IP Rating

The exit blade, box, escape route and surface lights are all IP20 rated. Bulkhead and twin spot are IP65 rated. Max is IP66 rated

Maintained Vs Non-maintained

Maintained

Maintained emergency fittings can be turned on / off when the mains is on.

Non-maintained

Non-maintained emergency luminaires are designed to switch on when a buildings power fails.

Choosing the ideal emergency light

For your installation

There are a number of choices you need to make when choosing a suitable product for your application. We have added in some explanations to make this decision easier.

Self-test Vs Manual test

Regular tests need to be conducted on the emergency fittings to ensure they are still performing correctly. The two tests which need to be conducted are for emergency light operation and the battery duration. There are two methods of conducting this test, a manual test and a self-test.

Manual test

A manual test can be performed locally by pressing the product test button that forces the emergency luminaire to go into emergency mode, or by switching off the mains.

The inspection is done in real-time, visually, by the operator in charge of the test.

Self-test

The self-test unit automatically performs numerous tests in the background. Any failure is indicated by the LED, that can start to blink or change its colour, depending on the product type.

The inspection is done by visually checking the LED indicator status.

The inspection frequency tests required are determined by EN 50172, which our products comply with. It should last as long as it is needed to make the emergency light source turn on, so in case of our products, only a few seconds. The battery duration test should be performed at least yearly. It should last for the rated battery duration, so for manual test products, it has to be executed when there is a minimum risk for the occupants.

Emergency options

	Emergency Blade Page 222	Emergency Box Page 223	Emergency Bulkhead Page 224	Emergency Route Page 229	Emergency Twin spot Page 227	Salvus Max Page 208, 226	Salvus Sur-face Page 228	LEDEPIO Page 232	LEDEPIOEM Page 231	LEDEPIODA Page 233
Self test	●	●	●	●	●	●		●		●
Manual test	●	●	●	●		●	●	●	●	

Mounting options

	Emergency Blade Page 222	Emergency Box Page 223	Emergency Bulkhead Page 224	Emergency Route Page 229	Emergency Twin spot Page 227	Salvus Max Page 208, 226	Salvus Sur-face Page 228
Ceiling	●		●	●		●	●
Wall	●	●	●		●	●	
Suspended	●		●				
Conduit M20			●		●	●	●
BESA			●			●	
Open area lens				●			●
Corridor lens				●			●

Emergency



LiFePO4 battery available



Self-test or Manual test available



Auxiliary floor illumination to light areas under fitting

Guarantee

3 years

Features & benefits

Maintained, so it can be turned on/off when the mains is on

Has three M20 entry knock-outs (one on each side and one in the bottom), and rear BESA box fixing points

Housing is rugged and made of polycarbonate

30m viewing distance allowing it to be assembled in different room dimensions

Complying with ISO 3864-1, and proud members of the ICEL



Salvus Emergency Exit Blade

50lm, emergency exit blade, 30m viewing distance

Features

Viewing distance	30
IK rating	IK08
IP rating	IP20
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Push-fit terminal, loop-in/loop-out
Inrush current	10.3A 100µs
Construction material	Lens PC housing PC
Weight	0.9Kg
Maximum ambient temperature	45°C
Mounting options	Ceiling, wall & suspended
Electric class (1, 2, 3)	2

Photometrics @ 25°C

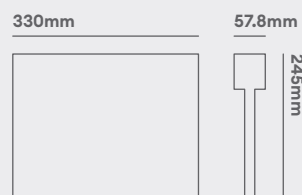
Product code	Test method	Maintained	Battery	W	CCT	∠°	lm
EMBL30M	Manual-test	Maintained	LiFePO4	4.0W	6500K	120°	50
EMBL30S	Self-test	Maintained	LiFePO4	4.0W	6500K	120°	50

Wiring information

Cable / flying lead	Screwless terminals, up to 0.75mm ²
Type of wiring required	Parallel

Accessories

EMBLUP	Pictogram Arrow UP.	Sold Separately	225
EMBLDO	Pictogram Arrow DOWN.	Sold Separately	225
EMBLRI	Pictogram Arrow RIGHT.	Sold Separately	225
EMBLLE	Pictogram Arrow LEFT.	Sold Separately	225
EMBLSK	Suspension Kit (2x 1m cable + fixings)	Sold Separately	225





Salvus Emergency Exit Box

47lm, emergency exit box, 35m viewing distance

Features

Viewing distance	35
IK rating	IK08
IP rating	IP20
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Push-fit terminal, loop-in/loop-out
Inrush current	12A 56µs
Construction material	Lens PC housing PC
Weight	0.6Kg
Maximum ambient temperature	0°C - 45°C
Mounting options	Wall
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Test method	Maintained	Battery	W	CCT	⤴	lm
EMBX35M	Manual-test	Maintained, Non-Maintained	NiCd	3.5W	6500K	N/A	47
EMBX35S	Self-test	Maintained	LiFePO4	3.5W	6500K	N/A	47

Wiring information

Cable / flying lead	0.5 to 1.0mm ²
Type of wiring required	Parallel

Accessories

EMBXUP	Pictogram Arrow UP.	Sold Separately	225
EMBXDO	Pictogram Arrow DOWN.	Sold Separately	225
EMBXRI	Pictogram Arrow RIGHT.	Sold Separately	225
EMBXLE	Pictogram Arrow LEFT.	Sold Separately	225

Emergency



LiFePO4 battery available



Self-test or Manual test available



Auxiliary floor illumination to light areas under fitting

Guarantee

Manual-test: 2 yearsSelf-test: 3 years

Features & benefits

By simply connecting the cables to the push-fit terminals, terminals allow for both maintained and non-maintained usage

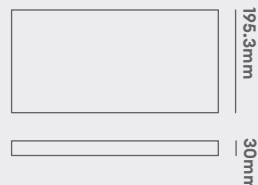
NiCd is a well-proven and widely used technology

Housing is rugged and made of polycarbonate

35m viewing distance allowing it to be assembled in many different room dimensions

Complying with ISO 3864-1, and proud members of the ICEL

390.3mm



Emergency



LiFePO4 battery
available



Self-test or Manual
test available



IP65 suitable
for outdoor
environments

Guarantee

2 years

Features & benefits

By simply connecting the cables to the push-fit terminals, terminals allow for both maintained and non-maintained usage

Has three M20 entry knock-outs (one on each side and one in the bottom), and rear BESA box fixing points

Diffuser is rugged and made of polycarbonate

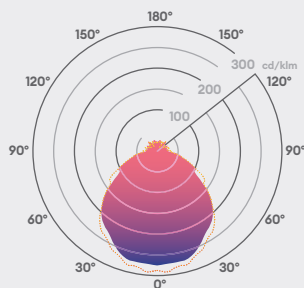
Viewing distance of 18m

Complying with ISO 3864-1, and proud members of the ICEL

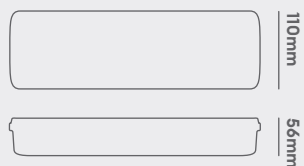
Ideal for open areas, escape routes, for general illumination or as an exit sign

Adhesive legend is supplied and divided in five parts

Beam angle: 120°



355mm



Salvus Emergency Bulkhead

145lm, emergency bulkhead, 18m viewing distance

Features

Viewing distance	18
IK rating	IK07
IP rating	IP65
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Push-fit terminal, loop-in/loop-out
Inrush current	20A
Construction material	Lens PC housing ABS
Weight	0.65Kg
Maximum ambient temperature	45°C
Mounting options	Ceiling, wall, suspended, BESA & conduit M20
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Test method	Maintained	Battery	W	CCT	△	lm
EMBH145M	Manual-test	[Maintained], [Non-Maintained]	LiFePO4	3.0W	6500K	120°	145
EMBH145S	Self-test	[Maintained], [Non-Maintained]	LiFePO4	3.0W	6500K	120°	145

Wiring information

Cable / flying lead	0.5 to 1.0mm ²
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)



Exit Blade Accessories

Emergency exit blade label

Features

Construction material	PVC
Guarantee	3 Year Extended Warranty

Product Code

Product code	Description
EMBLDO	Exit Blade Label Down
EMBLLE	Exit Blade Label Left
EMBLRI	Exit Blade Label Right
EMBLUP	Exit Blade Label Up

Use with

EMBL30M	222	312mm	0.5mm
EMBL30S	222		170mm



Exit Blade Accessory

Emergency exit blade suspension kit

Features

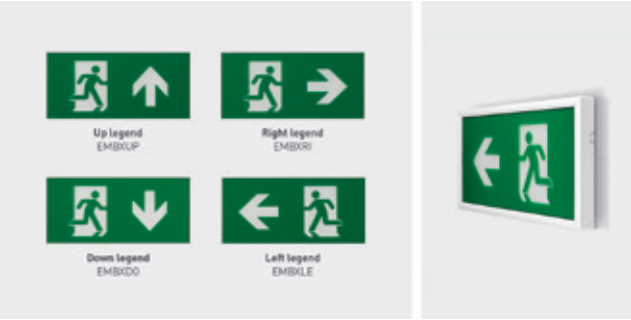
Construction material	Steel
Guarantee	3 Year Extended Warranty
Weight	0.08Kg

Product Code

Product code	Description
EMBLSK	Emergency exit blade suspension kit

Use with

EMBL30M	222		1000mm
EMBL30S	222		



Exit Box Accessories

Emergency exit box label

Features

Construction material	PVC
Guarantee	3 Year Extended Warranty

Product Code

Product code	Description
EMBXDO	Exit Box Label Down
EMBXLE	Exit Box Label Left
EMBXRI	Exit Box Label Right
EMBXUP	Exit Box Label Up

Use with

EMBX35M	223	372mm	0.5mm
EMBX35S	223		180mm

Emergency

170lm/W High efficacy of 167lm/W

W Wattage Switchable between 6W & 10W

IP66 IP66 suitable for warehouse all applications

Guarantee

4 years on electronics, 2 years on battery

Features & benefits

1500lm output

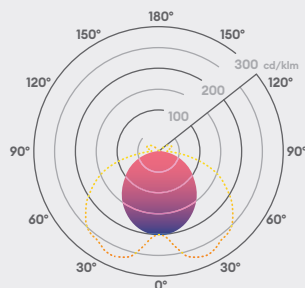
15 metres mounting height, provides 1 lux (escape route) at floor level when using 29 metre spacings

25 metres mounting height, provides 0.5 (anti-panic) lux at floor level when using 40 metre spacings

Lithium iron phosphate (LiFePO4) battery technology for long lifetime and fast charge times

Captive screws for easy installation

Beam angle: 135°



Salvus Max

High output non-maintained emergency bulkhead

Features

Viewing distance	N/A
IK rating	IK08
IP rating	IP66
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Push-fit terminal, loop-in/loop-out
Inrush current	6.8A 0.1ms
Construction material	PC
Weight	1.47kg
Maximum ambient temperature	0°C - 45°C
Mounting options	Ceiling, wall, BESA & conduit M20
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Test method	Maintained	Battery	W	CCT	Beam angle	lm
EMBMAX	Manual-test	Non-Maintained	LiFePO4 6.4V 6.6Ah	6W 10W	6500K	135°	1000-1500
EMBMAXST	Self-test	Non-Maintained	LiFePO4 6.4V 6.6Ah	6W 10W	6500K	135°	1000-1500

Wiring information

Cable / flying lead	0.75-4.0mm²
Type of wiring required	Parallel

Accessories

Area Bay	Use as remote emergency solution to reduce light points required	Sold Separately	200 - 203
Caiman	Use as remote emergency solution to reduce light points required	Sold Separately	173 - 179
Borealis	Use as remote emergency solution to reduce light points required	Sold Separately	180 - 182



Salvus Emergency Twin Spot

400lm, self test emergency twin spot

Features

Viewing distance	N/A
IK rating	IK08
IP rating	IP65
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Push-fit terminal, loop-in/loop-out
Inrush current	10.8A 84µs
Construction material	Lens PC housing PC
Weight	1Kg
Maximum ambient temperature	0°C - 45°C
Mounting options	Wall
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Test method	Maintained	Battery	W	CCT	∠	lm
EMTW400S	Self-test	Non-Maintained	LiFePO4	4.8W	6500K	105°	400

Wiring information

Cable / flying lead	0.5 to 1.0mm ²
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)

Emergency



LiFePO4 battery available



Self-test available



IP65 suitable for outdoor environments

Guarantee

3 years

Features & benefits

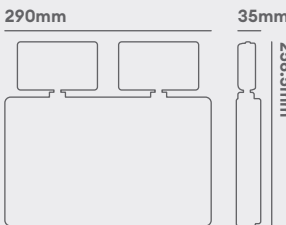
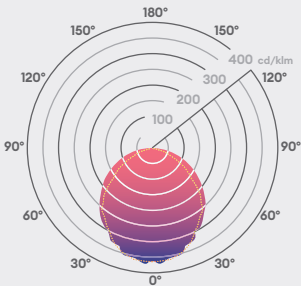
Adjustable LED heads allow beam aiming

A rugged robust polycarbonate lens and housing

Charging Time = 24h

IEC reference standard - EN 60598-2-22, EN 62034

Beam angle: 105°



Emergency

- 140lm/W

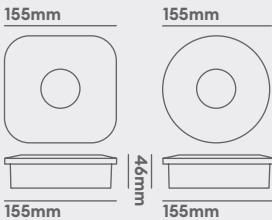
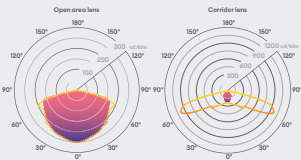
High efficacy of 140lm/W
- Quick and easy installation with loop-in/loop-out connector
- 2W

Low energy consumption of 2W

Guarantee
4 years on electronics, 2 years on battery

Features & benefits
Interchangeable lens supplied making it easy to use the same product in both open area and corridor applications
Lithium iron phosphate LiFePO4 battery

Beam angle: 165° 160°x50°



Salvus Surface

High Performance Emergency Spot

Features

Viewing distance	N/A
IK rating	IK04
IP rating	IP65
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Integrated terminals, loop-in/loop-out
Inrush current	3A
Construction material	Polycarbonate
Weight	380g
Maximum ambient temperature	0°C - 45°C
Mounting options	Surface
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Test method	Maintained	Battery	W	CCT	Beam angle	lm
EMSBDRDEM	Manual-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	2W	6500K	165° / 160°x50°	280 Open - 230 Corridor
EMSBDSQEM	Manual-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	2W	6500K	165° / 160°x50°	280 Open - 230 Corridor
EMSWRDEM	Manual-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	2W	6500K	165° / 160°x50°	280 Open - 230 Corridor
EMSWDSQEM	Manual-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	2W	6500K	165° / 160°x50°	280 Open - 230 Corridor

Wiring information

Cable / flying lead	0.75-4.0mm ²
Type of wiring required	Parallel

Accessories

Office	Remote emergency lighting for mains lighting range	Sold Separately
Education	Remote emergency lighting for mains lighting range	Sold Separately
Retail	Remote emergency lighting for mains lighting range	Sold Separately
Hotel & Leisure	Remote emergency lighting for mains lighting range	Sold Separately



Salvus Route

High Performance Emergency Spot

Features

Viewing distance	N/A
IK rating	IK04
IP rating	IP20
CSP switchable	Single CCT
Input	220-240V AC
Colour rendering Index	CRI>80

Installation information

Install connector type	Integrated terminals, loop-in/loop-out
Inrush current	3.04A
Construction material	Polycarbonate
Weight	180g
Maximum ambient temperature	5°C - 45°C
Mounting options	Recessed
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Test method	Maintained	Battery	W	CCT	Beam angle	lm
EMRBMAN	Manual-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	1W	6500K	165° / 160°x50°	130 Open - 120 Corridor
EMRBST	Self-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	1W	6500K	165° / 160°x50°	130 Open - 120 Corridor
EMRWMAN	Manual-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	1W	6500K	165° / 160°x50°	130 Open - 120 Corridor
EMRWST	Self-test	[Maintained], [Non-Maintained]	LiFePO4 3.2V 1500mAh	1W	6500K	165° / 160°x50°	130 Open - 120 Corridor

Wiring information

Cable / flying lead	300mm long flying lead, H03VVH2-F 2x0.75mm ²
Type of wiring required	Parallel

Accessories

Office	Remote emergency lighting for mains lighting range	Sold Separately
Education	Remote emergency lighting for mains lighting range	Sold Separately
Retail	Remote emergency lighting for mains lighting range	Sold Separately
Hotel & Leisure	Remote emergency lighting for mains lighting range	Sold Separately

Emergency



High efficacy of 130lm/W



Quick and easy installation with loop-in/loop-out connector



Low energy consumption of 1W

Guarantee

4 years on electronics, 2 years on battery

Features & benefits

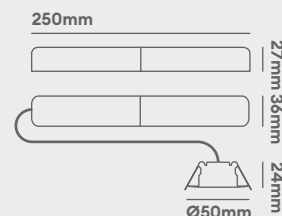
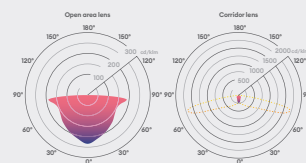
Interchangeable lens supplied making it easy to use the same product in both open area and corridor applications

High performance providing up to 17 metre spacings

Lithium iron phosphate LiFePO4 battery

Flexible battery compartment makes it easy to insert into a ceiling cut-out

Beam angle: 165° 160°x50°



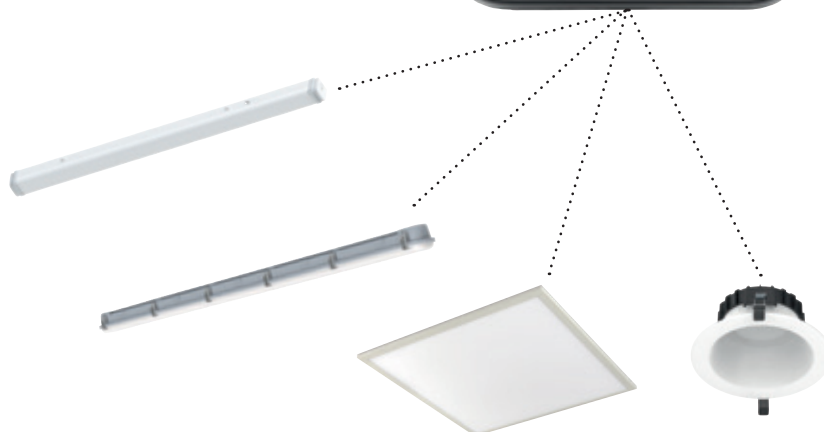
Coming Soon



Coming Soon

One-Connect-Plus™ 'Casambi' products enable wireless communication with a remote DALI emergency test system without the need for additional hardware or traditional DALI bus wiring.

Casambi Wireless emergency products are equipped with Casambi's proven 2.4GHz radio mesh technology and once paired with the remote gateway, are able to communicate with virtually any existing DALI emergency lighting test system as if it were wired.



Compatible products which could use One-Connect-Plus™ and Casambi.

Emergency



LEDEP10EM

Emergency converter, Manual-test, 2.5W

Features

Wattage	2.5W
IP rating	IP20
Input	220-240V AC

Installation information

Install connector type	Mains: Push-fit terminals 0.5 - 2.5mm ² DC: Plug & Play connectors
Insulation coverable	No
Cut out size	18 (status LED) 7 (test button)
Inrush current	1.5A 0.6ms
Construction material	Polycarbonate
Weight	360g
Case temperature	75
Maximum ambient temperature	0°C - 45°C
SELV	Yes
Electric class (1, 2, 3)	2

Product code

Product code	Description
LEDEP10EM	Emergency converter, Manual-test, 2.5W

Wiring information

Cable / flying lead	Plug & Play connectors
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)



Manual Test device, easy emergency lighting inspections



LiFePO₄, provides long operational life



A minimum of 3 hours of emergency lighting

Guarantee

5 year extended guarantee

Features & benefits

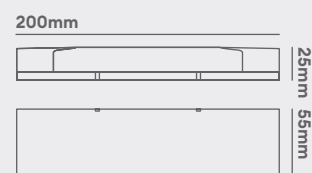
Built-in protection: - open circuit
- over charging - over discharging - over temperature

Dual colour Green / Red LED status indicator

Supplied with a test button, whereby a battery duration test can be carried out at anytime

Compatible with our Solis panels, Tea commercial downlights, H2 Pro, 1901 and H5 downlights, however this does not apply to trimless

IP20



Emergency



**Self-test and
Manual-test
switchable**



**LiFePO₄, provides
long operational
life**



**A minimum of 3
hours of emergency
lighting**

Guarantee

5 year extended guarantee

Features & benefits

Built-in protection: - open circuit
- over charging - over discharging -
over temperature

Dual colour Green / Red LED status
indicator

Supplied with a test button,
whereby a battery duration test
can be carried out at anytime

Synchronizes an automatic battery
duration test every 6 months

Compatible with our Solis panels,
Thea commercial downlights,
H2 Pro, 1901 and H5 downlights,
however this does not apply to
trimless



LEDEP10

Emergency converter, Self-test & Manual-test switchable, maintained

Features

Wattage	2.5W
IP rating	IP20
Input	220-240V AC

Installation information

Install connector type	Mains: Push-fit terminals 0.5 - 2.5mm ² DC: Plug & Play connectors
Insulation coverable	No
Cut out size	18 (status LED) 7 (test button)
Inrush current	1.5A 0.6ms
Construction material	Polycarbonate
Weight	390g
Case temperature	75
Maximum ambient temperature	5°C - 55°C
SELV	Yes
Electric class (1, 2, 3)	2

Product code

Product code	Description
LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained

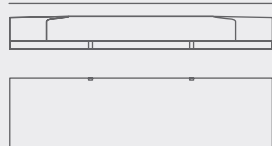
Wiring information

Cable / flying lead	Plug & Play connectors
Type of wiring required	Parallel

Accessories

N/A (No Accessories required)

200mm



25mm
55mm

Emergency

DALI addressable emergency, intelligent emergency monitoring

LiFePO₄, provides long operational life

A minimum of 3 hours of emergency lighting

Features

Wattage	2.5W
IP rating	IP20
Input	220-240V AC

Installation information

Install connector type	Mains: Push-fit terminals 0.5 - 2.5mm ² DC: Plug & Play connectors
Insulation coverable	No
Construction material	Polycarbonate
Weight	390g
Maximum ambient temperature	0°C - 45°C
SELV	Yes
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Description
LEDEP10DA	Emergency Converter, DALI, Self-Test

Wiring information

Cable / flying lead	Plug & Play connectors
Type of wiring required	Parallel

Accessories

Compatible with Panel Range	Sold Separately
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Guarantee

5 year extended guarantee

Features & benefits

Built-in protection: - open circuit
- over charging - over discharging - over temperature

Dual colour Green / Red LED status indicator

Supplied with a test button, whereby a battery duration test can be carried out at anytime

Synchronizes an automatic battery duration test every 6 months

