LED emergency light fitting

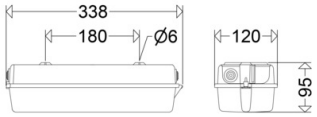
131 L02G2 W ZB

[Item no. : 13112 0020]



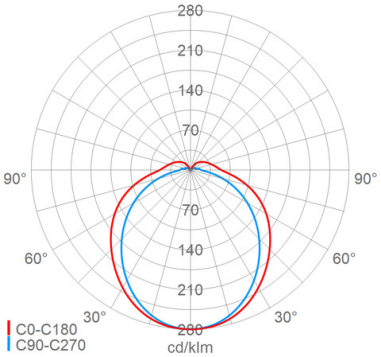
General product description

Small high impact resistant LED damp-proof light fitting for connection to central power supply systems with incorporated fuse for selective disconnection in case of failure. PC housing, opalescent-white PC diffuser, with multiple hinge at one side, captive screws for closing the light fitting and silicone gasket. Powder-coated aluminium reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection.



General product benefits

- sturdy, high impact resistant and compact design, made entirely of PC
- perfectly suited for confined space conditions
- 100% luminous flux even in emergency operation
- excellent illumination of the pictrogram, in accordance with EN 1838 and DIN 4844
- interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- areas with low lighting requirements, e.g. small rooms, cold storage cells, corridors, staircases, above doors, entries and exits, under canopies etc., machine lighting, signal applications with coloured LED, wind mills, areas with rough conditions
- safety lighting
- food industry, food processing factories and suppliers to the food industry that have to fulfil IFS, BRC or HACCP standards or comparably strict requirements (e. g. production of food packaging). The light fitting is not sutiable for cleaning with high pressure cleaners

131 L02G2 W ZB

[Item no. : 13112 0020]

Technical data

General

EAN/GTIN:	4041254443980

Emergency lighting

Emergency power supply:	central supply (ZB)
Operating mode:	Maintained mode
DC level (ZB/central battery):	100 %
Inrushcurrent:	27 A
Peak:	250 µs
Ambient temperature (BS):	-20 °C to +50 °C
For pictogram application:	Yes

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	4 W
Luminaire luminous flux:	240 lm
Luminous efficacy:	60 lm/W
Colour temperature:	6500 K
Colour rendering (CRI):	≥ 80
Light colour:	865
Admissible ambient temperature T_a:	-20 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
I LED max:	350 mA

Lighting technology

Light distribution:	symmetrical wide beam
Beam angle:	120 °
Photobiological safety:	RG1

Service life

Service life LED:	L90>50000 h (@ Ta 25°C), L80>70000 h (@ Ta max), L70>100000 h (@ Ta max)

Electrical connection

Rated voltage:	220 - 240 V, 0 Hz, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	27
CB B10/B13/B20:	18/22/34
CB C10/C13/C16/C20:	28/36/45/56
Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I

Features/Certificates

IP rating:	IP65
IK rating:	IK08
Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling, Ceiling with bracket, Ceiling with angle, Wall, Wall with bracket, Wall with angle
Operating position:	forwards radiation, horizontal, downwards radiation
Mounting:	2-point

Housing

Housing material:	Plastic (PC)
Colour:	white

Cover

Cover type / material:	Diffuser (PC)
Cover characteristic:	opal
Closure:	screwed (Stainless steel (1.4301))

Other features

International Food Standard (IFS):	Yes

Dimension/Weight

Length:	338.00 mm
Width / Diameter:	120.00 mm
Height:	95.00 mm
Net weight:	0.40 kg

131 L02G2 W ZB

[Item no. : 13112 0020]

Optional accessories / spare parts

Item no.	Item name	Item description
13111 9008	ABD 131 W G2	cover PC opalescent
90063 9000	2511	blanking plug M20
25610 9000	2561	cable gland M20
90004 0009	SK 130/131/2	spare wire guard
90232 0004	DA	bracket for direct ceiling mounting, steel
90011 0002	PIK 265/76/3	Standard self-adhesive green/transparent pictogram for marking escape routes in accordance with DIN EN ISO 7010 and ASR A1.3. Visibility distance: 15 m