LED emergency light fitting

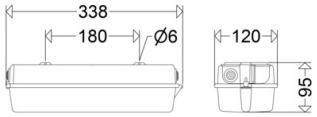
131 L03G2/1 MA

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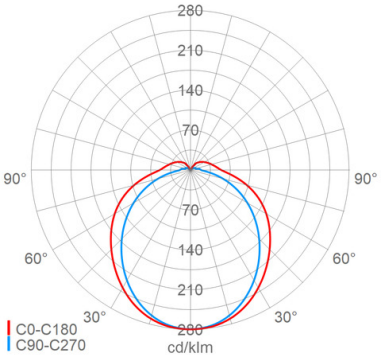
General product description

Small high impact resistant LED damp-proof emergency light fitting self-contained and automatic monitoring according to EN62034. PC housing, frosted PC diffuser, with multiple hinge at one side, captive screws for closing the light fitting and silicone gasket. Powder-coated reflector with ECG and LED module. NiMH battery with electronic charger and deep discharge protection. Automatic monitoring with optical indication of the test results.



General product benefits

- sturdy, high impact resistant and compact design, made entirely of PC
- perfectly suited for confined space conditions
- ready for operation at all time due to permanent trickle charging
- Security in case of emergency - instant light with maximum luminous flux, even at low ambient temperature
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- sustainable, 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

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Technical data

General

EAN/GTIN:	4041254416861

Emergency lighting

Emergency power supply:	self-contained (MA)
Operating mode:	Stand-by mode (BS), Maintained mode (DS)
Luminaire luminous flux emergency operation:	310 lm
Monitoring:	Self test
Ambient temperature (BS):	0 °C to +40 °C
Battery type:	NiMH
operating time:	1 h

Key technical data

Light source:	LED
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	5 W
Luminaire luminous flux:	310 lm
Luminous efficacy:	62 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	0 °C to +30 °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, 50/60 Hz
Terminal clamp:	Cage clamp, 4-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	130
CB B10/B13/B20:	82/106/163
CB C10/C13/C16/C20:	135/175/221/270
Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I

Features/Certificates

IP rating:	IP65
IK rating:	IK08
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:	satined
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:	0.73 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
13111 9007	ABD 131 F G2	cover PC frosted
90063 9000	2511	blanking plug M20
25610 9000	2561	cable gland M20
90004 0009	SK 130/131/2	spare wire guard
90232 0012	WA 45 ALU	wall mounting aluminium 45°
90232 0013	WA 90 ALU	wall mounting aluminium 45°
90232 0004	DA	bracket for direct ceiling mounting, steel