LED emergency light fitting

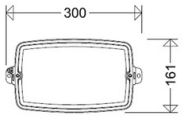
3611 L02/1 W MA

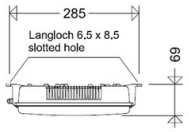
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General product description

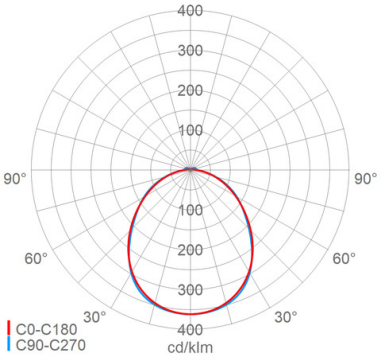
Compact LED emergency light fitting self-contained and automatic monitoring according to EN62034. Powder-coated die-cast aluminium housing and outer fixing points, opalescent-white PC diffuser, silicone gasket, LED module and ECG. NiMH battery with electronic charger and deep discharge protection. Automatic monitoring with optical indication of the test results.





General product benefits

- robust light fitting for rough environmental conditions
- perfectly suited for confined space conditions
- Security in case of emergency - instant light with maximum luminous flux, even at low ambient temperature
- ready for operation at all time due to permanent trickle charging
- excellent illumination of the pictrogram, in accordance with EN 1838 and DIN 4844
- fast mounting due to outer fixing points
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- 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
- areas with low lighting requirements, e.g. small rooms, cold storage cells, corridors, staircases, above doors, entries and exits, under canopies etc., signal applications with coloured LED, areas with rough conditions
- light fitting is not suitable for use in areas with permanently high humiditiy and short operation time, e.g. sewage plants and rainwater retention basins
- safety lighting

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Technical data

General

EAN/GTIN:	4041254340074

Emergency lighting

Emergency power supply:	self-contained (MA)
Operating mode:	Maintained mode (DS), Stand-by mode (BS)
Luminaire luminous flux emergency operation:	170 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
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	5 W
Luminaire luminous flux:	170 lm
Luminous efficacy:	34 lm/W
Colour temperature:	6500 K
Colour rendering (CRI):	≥ 80
Light colour:	865
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:	L80>70000 h (@ Ta max), L90>50000 h (@ Ta 25°C), 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 (1x), blanking plug (1x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK09
Approval marks:	CE

Mounting

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

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	white, RAL 9016

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:	300.00 mm
Width / Diameter:	161.00 mm
Height:	69.00 mm
Net weight:	1.04 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
36004 9003	ABD 3611 F	cover PC frosted
36004 9002	ABD 3611 W	cover PC opalescent
12112 0101	PIK 220/110/33	self-adhesive pictogram, emergency exit left viewing distance 22m
12112 0102	PIK 220/110/34	self-adhesive pictogram, emergency exit right viewing distance 22m
12112 0103	PIK 220/110/35	self-adhesive pictogram, emergency exit down viewing distance 22m