LED emergency light fitting

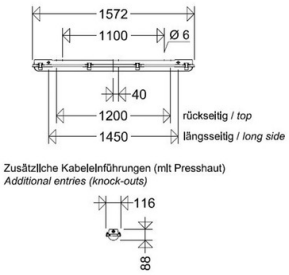
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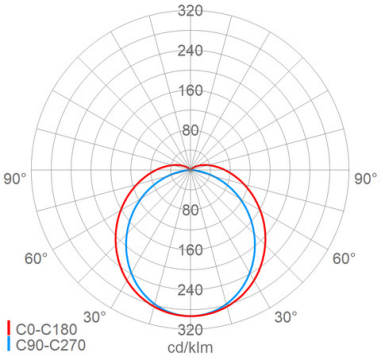
General product description

LED damp-proof emergency light fitting self-contained and automatic monitoring according to EN62034. Glass fibre reinforced polyester housing, diffuser, foamed gasket and clips, incl. two safety clips. Powder-coated reflector with ECG, highly efficient Zhaga LED modules and LED covers (protection against contact). NiMH battery with electronic charger, short circuit protection, reverse battery protection and deep discharge protection. Automatic monitoring with optical indication of the test results.



General product benefits

- high-quality light fitting with highly mechanical resistance
- 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
- highly efficient by using high-quality LED modules
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation (except for versions with PC cover)
- protection against accidental contact due to LED covers
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- humid, wet and dusty indoor areas as replacement lighting in the event of a power failure, or as safety lighting to illuminate escape and rescue routes

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Technical data

General

EAN/GTIN:	4041254424071

Emergency lighting

Emergency power supply:	self-contained (MA)
Operating mode:	Maintained mode
Luminaire luminous flux emergency operation:	830 lm
Monitoring:	Self test
Battery type:	NiMH
Operating time:	3 h

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	24 W
Luminaire luminous flux:	3450 lm
Luminous efficacy:	144 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:	175 mA
BEG-eligible (Germany):	Yes

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:	21
CB B10/B13/B20:	14/18/27
CB C10/C13/C16/C20:	21/28/35/43
Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I

Features/Certificates

IP rating:	IP65
IK rating:	IK06
Approval marks:	CE

Mounting

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

Housing

Housing material:	Glass fibre reinforced polyester
Colour:	grey

Cover

Cover type / material:	Diffuser (PMMA)
Cover characteristic:	satined
Closure:	Clips (Plastic)

Dimension/Weight

Length:	1572.00 mm
Width / Diameter:	116.00 mm
Height:	88.00 mm
Net weight:	3.46 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
16711 9001	ABD 163 036 F G2	cover PMMA frosted
16711 9002	ABD 163 058 F G2	cover PMMA frosted
16311 9006	ABD 163 036 F	cover PMMA frosted
16311 9007	ABD 163 058 F	cover PMMA frosted
16311 9004	ABD 163 036 PC	cover PC clear pearled
16311 9005	ABD 163 058 PC	cover PC clear pearled
90123 9007	163 KK/KKS VE08	locking clips (8 pcs.) with 2 safety clips
90123 9006	163 KE/KES VE08	locking clips (8 pcs.) with 2 safety clips
90123 9004	163 KKS P	safety clips (1 pair)
90123 9005	163 KES P	safety clips (1 pair)
90063 9000	2511	blanking plug M20
25610 9000	2561	cable gland M20
25600 9000	2560	cable gland M25
90004 0002	SK 140	wire guard powder coated for 161 12..
90004 0003	SK 165	wire guard powder coated for 161 15..
90245 0003	163 RO 112 A P	2 pipe clamps 1 1/2", stainless steel, with support
90245 0004	163 RO 2 A P	2 pipe clamps 2", stainless steel, with support
90049 0002	183 S	hook stainless steel for chain mounting
90095 0001	DS 183	ceiling rail stainless steel with M5 screw