LED emergency light fitting

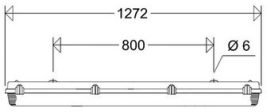
161 12L42/1 MA

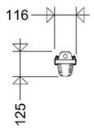
[Item no. : 16118 0503]



General product description

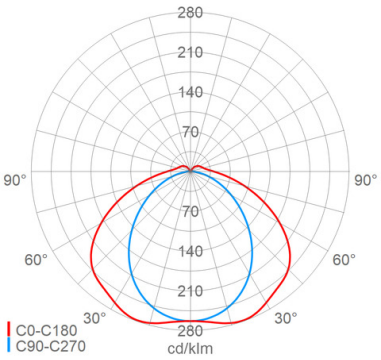
Sturdy LED damp-proof emergency light fitting, self-contained with automatic monitoring in accordance with EN62034. Highly impact-resistant glass fibre reinforced polyester housing and frosted diffuser with high impact resistance. Captive clips, multi-part, incl. two safety clips, silicone gasket. Powder-coated aluminium reflector with mounted electrical components, highly efficient Zhaga LED modules and LED covers (protection against contact). Battery with temperature monitoring, short circuit proof connection, reverse battery protection and deep discharge protection. Automatic monitoring with optical indication of the test results.





General product benefits

- sturdy, extremely reliable high-quality light fitting for application in rough industrial environments
- high impact resistant housing, chemical and UV resistant
- diffuser with high mechanical resistance
- ready for operation at all time due to permanent trickle charging (>0°C)
- Security in case of emergency - instant light with maximum luminous flux, discharge even also possible at low temperatures
- highly efficient by using high-quality ECG and LED modules
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- 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

LED emergency light fitting

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Technical data

Emergency lighting

Emergency power supply:	self-contained (MA)
Operating mode:	Maintained mode (DS)
Luminaire luminous flux emergency operation:	620 lm
Monitoring:	Self test
Battery type:	LiFePO4
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:	29 W
Luminaire luminous flux:	4240 lm
Luminous efficacy:	146 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

Lighting technology

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

Service life

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

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Cage clamp, 4-polig, 0.75 - 2.5 mm²
Max. no. (with CB B16):	14
CB B10/B13/B20:	9/12/18
CB C10/C13/C16/C20:	14/18/23/29
Cable entries:	M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm

Housing

Housing material:	Glass fibre reinforced polyester
Colour:	grey

Cover

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

Mounting

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

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK05
Approval marks:	CE

Dimension/Weight

Length:	1272.00 mm
Width/Diameter:	116.00 mm
Height:	125.00 mm
Net weight:	3.10 kg
EAN/GTIN:	4041254429533

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Optional accessories/spare parts

Item no.	Item name	Item description
16111 9035	ABD 161 018 F	cover PMMA frosted
16111 9031	ABD 161 036 F	cover PMMA frosted
16111 9032	ABD 161 058 F	cover PMMA frosted
16111 9036	ABD 161 018 F PC	cover PC frosted
16111 9033	ABD 161 036 F PC	cover PC frosted
16111 9034	ABD 161 058 F PC	cover PC frosted
16111 9017	ABD 161 018 LM	cover high chemical resistant clear IFS
16111 9018	ABD 161 036 LM	cover high chemical resistant clear IFS
16111 9019	ABD 161 058 LM	cover high chemical resistant clear IFS
90004 0001	SK 120	wire guard powder coated for 161 06..
90004 0002	SK 140	wire guard powder coated for 161 12..
90004 0003	SK 165	wire guard powder coated for 161 15..
90053 9008	KK/KKS FR VE10	locking clips (10 pcs.) with 2 safety clips
90055 9004	KE/KES VE10	locking clips (10 pcs.) with 2 safety clips
90053 9004	KKS FR P	safety clips (1 pair)
90055 9005	KES P	safety clips (1 pair)
90063 9000	2511	blanking plug M20
25610 9000	2561	cable gland M20
25600 9000	2560	cable gland M25
90259 9002	DAE20	breather M20
90259 9003	DAE20/25	breather M20 with extension M25
90093 0002	183 RO 112 A P	2 pipe clamps 1 1/2", stainless steel, with support
90094 0002	183 RO 2 A P	2 pipe clamps 2", stainless steel, with support
90045 9001	HW 30 P	wall and ceiling mounting (1 pair) aluminium 30°
90045 9002	HW 45 P	wall and ceiling mounting (1 pair) aluminium 45°
90045 9004	HW 60 P	wall and ceiling mounting (1 pair) aluminium 60°
90045 9003	HW 90 P	wall and ceiling mounting (1 pair) aluminium 90°
90049 0002	183 S	hook stainless steel for chain mounting
90095 0001	DS 183	ceiling rail stainless steel with M5 screw