LED emergency light fitting

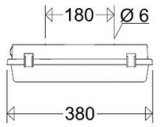
164KL L02/1 W MA

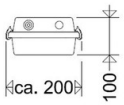
[Item no. : 16408 0060]



General product description

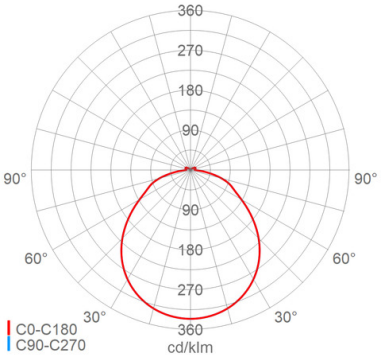
Compact LED damp-proof emergency light fitting self-contained and automatic monitoring according to EN62034. Glass fibre reinforced polyester housing, opalescent-white diffuser, silicone gasket and clips. Powder-coated reflector with ECG and LED module. Battery with electronic charger, short circuit 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
- excellent illumination of the pictrogram, in accordance with EN 1838 and DIN 4844
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- humid, wet and dusty indoor areas and sheltered outdoor areas in commerce, trade and industry etc.
- areas with low lighting requirements, e.g. small rooms, cold storage cells, corridors, staircases, above doors, entries and exits, under canopies etc.
- safety lighting and marking of escape and rescue routes

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[Item no. : 16408 0060]

Technical data

General

EAN/GTIN:	4041254340173

Emergency lighting

Emergency power supply:	self-contained (MA)
Operating mode:	Stand-by mode (BS), Maintained mode (DS)
Luminaire luminous flux emergency operation:	240 lm
Monitoring:	Self test
Ambient temperature (BS):	0 °C to +40 °C
For pictogram application:	Yes
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:	240 lm
Luminous efficacy:	48 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:	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 (1x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK04
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:	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:	opal
Closure:	Clips (Plastic)

Dimension/Weight

Length:	380.00 mm
Width / Diameter:	200.00 mm
Height:	100.00 mm
Net weight:	1.10 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
16413 9001	ABD 164KL W	cover PMMA frosted
16413 9007	ABD 164KL F G2	cover PMMA frosted
90232 0004	DA	bracket for direct ceiling mounting, steel
12112 0025	PIK 121/32	self-adhesive pictogram, emergency exit up viewing distance 30m
12112 0026	PIK 121/33	self-adhesive pictogram, emergency exit left viewing distance 30m
12112 0027	PIK 121/34	self-adhesive pictogram, emergency exit right viewing distance 30m
12112 0028	PIK 121/35	self-adhesive pictogram, emergency exit down viewing distance 30m
12112 0029	PIK 121/36	self-adhesive pictogram, emergency exit up-left viewing distance 30m
12112 0030	PIK 121/37	self-adhesive pictogram, emergency exit up-right viewing distance 30m
12112 0031	PIK 121/38	self-adhesive pictogram, emergency exit down-left viewing distance 30m
12112 0032	PIK 121/39	self-adhesive pictogram, emergency exit down-right viewing distance 30m