LED emergency light fitting

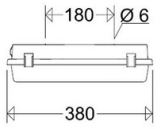
164KL L02 W ZB

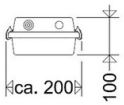
[Item no. : 16408 0045]



General product description

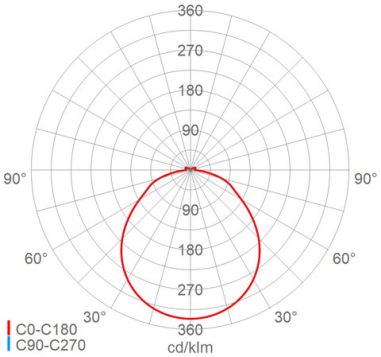
Compact LED damp-proof emergency light fitting for connection to central power supply systems with incorporated fuse for selective disconnection in case of failure. Glass fibre reinforced polyester housing, opalescent-white PC diffuser, silicone gasket and clips. Powder-coated reflector with LED module and ECG with overload and short circuit protection.





General product benefits

- high-quality light fitting with highly mechanical resistance
- 100% luminous flux even in emergency operation
- 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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Technical data

General

EAN/GTIN:	4041254340159

Emergency lighting

Emergency power supply:	central supply (ZB)
Operating mode:	Maintained mode (DS), Stand-by mode (BS)
DC level (ZB/central battery):	100 %
Inrushcurrent:	27 A
Peak:	250 µs
Ambient temperature (BS):	-20 °C to +50 °C
For pictogram application:	Yes

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	4 W
Luminaire luminous flux:	240 lm
Luminous efficacy:	60 lm/W
Colour temperature:	6500 K
Colour rendering (CRI):	≥ 80
Light colour:	865
Admissible ambient temperature T_a:	-20 °C to +40 °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, 0 Hz, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	27
CB B10/B13/B20:	18/22/34
CB C10/C13/C16/C20:	28/36/45/56
Cable entries:	M20 (1x), blanking plug (2x), Plastic, 8 - 15 mm

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK04
Limited surface temperature D:	Yes
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:	0.90 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