LED sheet steel light fitting

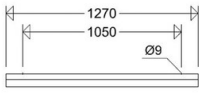
190 12L60

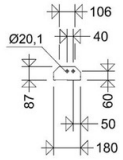
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General product description

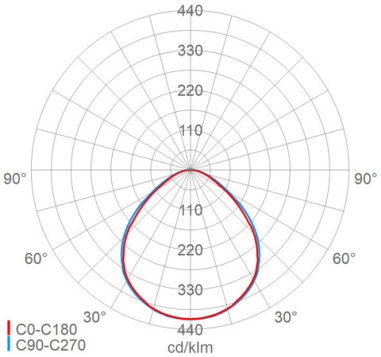
LED light fitting with powder-coated sheet steel housing without external clips, frameless frosted tempered safety glass pane and central locking with internal hex. Powder-coated aluminium reflector with Zhaga LED modules, screwed to the glass (sandwich design) and ECG with overload and short circuit protection.





General product benefits

- sturdy, smooth sheet steel housing without external clips and latches
- permanent safe closing due to comfortable central locking system
- cover and reflector in sandwich design to protect the LED modules from mechanical and electrostatic damages due to accidental contact
- highly efficient by using high-quality LED modules
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- production areas and warehouses in trade and industry with rough conditions, aggressive atmospheres and high mechanical strains

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Technical data

General

EAN/GTIN:	4041254342375

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	46 W
Luminaire luminous flux:	6200 lm
Luminous efficacy:	135 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-20 °C to +55 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	325 mA
BEG-eligible (Germany):	Yes

Lighting technology

Optical system:	Diffuser
Optical system material:	PMMA
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, 5-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	16
CB B10/B13/B20:	11/13/21
CB C10/C13/C16/C20:	16/21/27/33
Cable entries:	M20 (3x), cable gland (2x), screw plug (2x), Plastic, 6 - 13 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK07

Features/Certificates

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, Suspended, Mounting rail
Operating position:	downwards radiation, forwards radiation, horizontal
Mounting:	2-point

Housing

Housing material:	Steel
Varnished:	Yes
Colour:	grey, RAL 7035

Cover

Cover type / material:	Pane (Safety glass)
Cover characteristic:	clear
Closure:	Central locking (inside hex 5mm)

Dimension/Weight

Length:	1270.00 mm
Width / Diameter:	180.00 mm
Height:	87.00 mm
Net weight:	8.50 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
19001 9002	ABD 190 12	spare glass for 06L..
25610 9000	2561	cable gland M20
25730 9000	2573	screw plug M20
26000 0002	WW 26/30 P	wall mounting (1 pair) galvanised steel 30° with 2 M8 screws
26000 0003	WW 26/45 P	wall mounting (1 pair) galvanised steel 45° with 2 M8 screws
90001 0002	H8V P	2 suspension eyes with bolt M8, stainless steel
90000 0002	DS 15A P	ceiling rail (1 pair) galvanised steel with 2 M8 screws
90032 0002	DS 15AV P	ceiling rail (1 pair) stainless steel 1.4571 with 2 M8 screws
26000 0004	WW 26 P	wall mounting (1 pair) galvanised steel 90° with 2 M8 screws