LED sheet steel light fitting

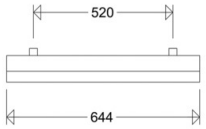
185 06L60

[Item no. : 18501 0033]



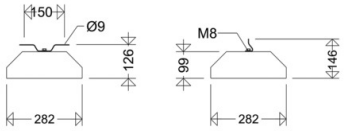
General product description

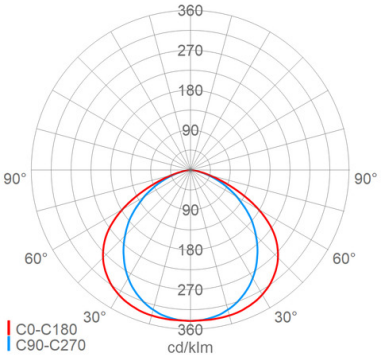
Extremely flat LED steep roof light fitting, with sheet steel housing without external clips. Frameless clear tempered safety glass, central locking system with internal hinges. Powder-coated sheet steel reflector with Zhaga LED modules, frosted LED covers and ECG with overload and short-circuit protection.



General product benefits

- extremely flat and robust design
- smooth sheet steel housing without external clips and latches
- comfortable central locking system with internal hinges
- protective cover on the LED modules for protection against mechanical or electrostatic damage
- homogenous illumination due to frosted protective covers on the LED modules for comfortable perception of light and brilliant glare limitation
- "D"-sign - suitable for rooms with increased risk of fire
- optional mounting frames and swivel arm mounting accessories
- optional cost-effective in-out wiring
- interchangeable components
- future proof by using standardised Zhaga LED modules
- LABS-tested according to VDMA 24364-C2-L





Applications

- production areas and warehouses in trade and industry with rough conditions, aggressive atmospheres and high mechanical strains
- especially suitable for application in varnishing booths (non-Ex areas)
- for damp and cold ambient conditions with low duty cycles, please contact us

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Technical data

General

EAN/GTIN:	4041254353401

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	43 W
Luminaire luminous flux:	6190 lm
Luminous efficacy:	144 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-20 °C to +45 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	300 mA

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:	L90>50000 h (@ Ta max), L80>100000 h (@ Ta max)

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:	M25 (3x), cable gland (2x), screw plug (2x), Plastic, 9 - 17 mm
In-out wiring (RR):	Yes

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK07
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:	644.00 mm
Width / Diameter:	282.00 mm
Height:	99.00 mm
Net weight:	7.90 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
18091 0020	EB 82. 06L	
18093 0001	SSH 185 06	Shield steel, painted as a dust cover for retrofitting
18092 0001	SWABF 181/182 P	wall and ceiling mounting (1 pair) painted steel swivel arm mounting with 2 M8 screws
18092 0002	SWABF 181/182 E P	wall and ceiling mounting (1 pair) stainless steel 1.4571 swivel arm mounting with 2 M8 screws
82101 9001	ABD 821 06	safety glass pane clear
25600 9000	2560	cable gland M25
25720 9000	2572	screw plug M25
90019 0002	RS 6 P	2 ring nuts M6
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 0011	WDW P	wall and ceiling mounting (1 pair) painted steel with 2 M8 screws
26000 0005	WDW 45 P	wall and ceiling mounting (1 pair) painted steel 45° with 2 M8 screws
26000 0006	WDW 45 V P	wall and ceiling mounting (1 pair) stainless steel 45° with 2 M8 screws