LED sheet steel light fitting

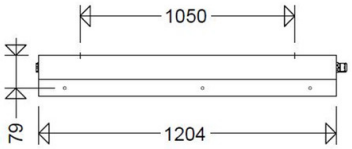
185 12L90

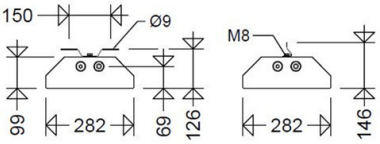
[Item no. : 18501 0002]



General product description

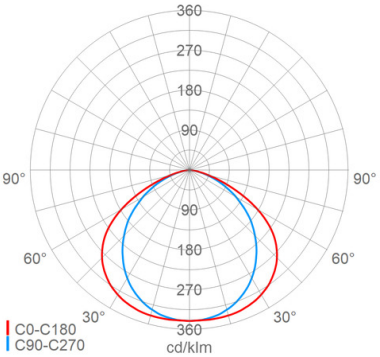
Extremely flat LED steep roof light fitting, ball-proof with sheet steel housing without external clips. Frameless clear tempered safety glass, central locking system with internal hinges. Powder-coated sheet steel reflector with Zhaga LED modules, frosted LED covers and ECG with overload and short-circuit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





General product benefits

- tested for ball sports
- 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)
- sports halls, multi-purpose halls, event locations
- for damp and cold ambient conditions with low duty cycles, please contact us

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Technical data

General

EAN/GTIN:	4041254345819

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	63 W
Luminaire luminous flux:	9100 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 +55 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	B
I LED max:	350 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:	18
CB B10/B13/B20:	12/15/23
CB C10/C13/C16/C20:	18/24/30/37
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)

Other features

Ball-proof (BS):	Yes

Dimension/Weight

Length:	1204.00 mm
Width / Diameter:	282.00 mm
Height:	99.00 mm
Net weight:	13.80 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
18091 0020	EB 82. 06L	
18091 0021	EB 82. 12L	
18093 0001	SSH 185 06	Shield steel, painted as a dust cover for retrofitting
18093 0002	SSH 185 12	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
82101 9002	ABD 821 12	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