LED sheet steel light fitting

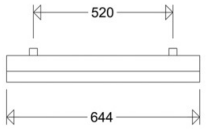
# 185 06L30

**[ Item no. : 18501 0031 ]**



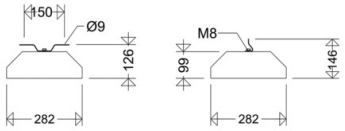
### General product description

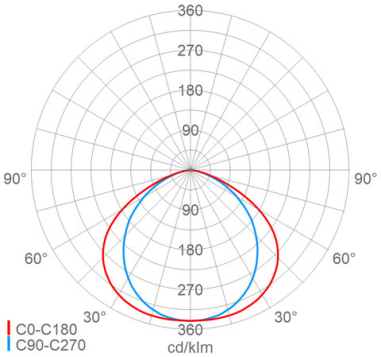
Extremely flat LED steep roof light fitting, with sheet steel housing without external clips. Frameless clear tempered safety glass, central locking system with internal hinges. Powder-coated sheet steel reflector with Zhaga LED modules, frosted LED covers and ECG with overload and short-circuit protection.




### 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

# 185 06L30

## [ Item no. : 18501 0031 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254353371 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 22 W |
| Luminaire luminous flux: | 3100 lm |
| Luminous efficacy: | 141 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: | 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: | 26 |
| CB B10/B13/B20: | 17/22/33 |
| CB C10/C13/C16/C20: | 27/35/44/54 |
| 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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**[ Item no. : 18501 0031 ]**

**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 |