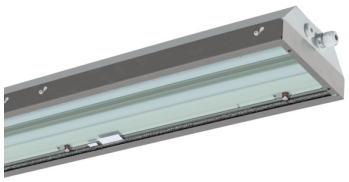
LED sheet steel light fitting

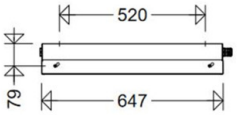
# 185 06L30 SSK

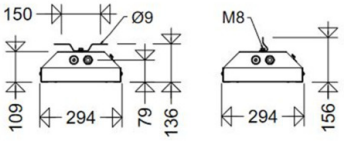
**[ Item no. : 18501 0041 ]**



### General product description

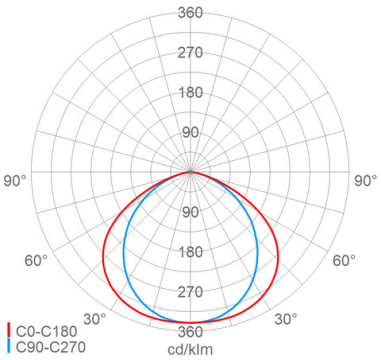
Extremely flat LED steep roof light fitting for application in blasting areas and blasting cabins. Sheet steel housing without external clips, frameless clear tempered safety glass, central locking system with internal hinges as well as additional protective PC cover, easy to replace, with stainless steel frame. 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
- additional PC cover to protect the safety glass from damages due to blasting materials, easy to replace
- 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 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

- blasting cabins and areas, in which products are blasted with sand or glass pearls
- for damp and cold ambient conditions with low duty cycles, please contact us

# 185 06L30 SSK

## [ Item no. : 18501 0041 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254360225 |

**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) |
| Protective cover: | Protective cover |

**Dimension/Weight**

| | |
|---|---|
| Length: | 647.00 mm |
| Width / Diameter: | 294.00 mm |
| Height: | 109.00 mm |
| Net weight: | 9.65 kg |

# 185 06L30 SSK

**[ Item no. : 18501 0041 ]**

**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 |
| 18090 9027 | ABD 185 06 PC SSK | |
| 18090 9025 | ABD 185 12 PC SSK | |
| 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 |