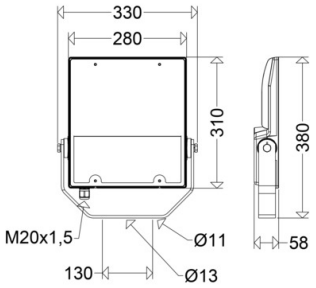
LED high-bay floodlight

# FOCO
# 7600 L50A SBL
**[ Item no. : 76003 0002 ]**



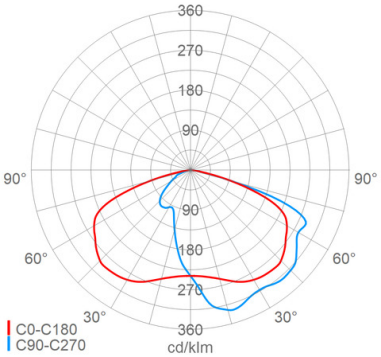
### General product description

LED floodlight FOCO with increased protection against chlorinated atmospheres in swimming pools. Consisting of powder-coated die-cast aluminium housing with LED modules and ECG, tempered safety glass pane, cable entry and strain relief. Zhaga LED modules, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. Mounting bracket with swivel range of 180°.




### General product benefits

- modified against chlorinated atmospheres in swimming pools
- perfect thermal management due to direct connection of the LED modules to the housing, large cooling surface, excellent thermal conductivity
- homogenous illumination due to Multi-Layer Technology, i.e. every individual LED illuminates the whole surface, the light distribution curves of the LED are overlapping
- quick electrical connection due to easily accessible terminal box
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules




### Applications

- areas with chlorine-containing atmospheres or harmful gases that can damage the LED to the point of total failure

# FOCO
# 7600 L50A SBL
## [ Item no. : 76003 0002 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254419565 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 35 W |
| Luminaire luminous flux: | 5100 lm |
| Luminous efficacy: | 146 lm/W |
| Colour temperature: | 4000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 840 |
| Admissible ambient temperature $T_a$: | -40 °C to +50 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | C |
| Overvoltage protection: | 10 kV |
| I LED max: | 700 mA |
| BEG-eligible (Germany): | Yes |

**Lighting technology**

| | |
|---|---|
| Optical system: | Lens optics |
| Optical system material: | PMMA |
| Light distribution: | asymmetrical wide beam |
| Photobiological safety: | RG1 |

**Service life**

| | |
|---|---|
| Service life LED: | L70>100000 h (@ Ta max), L90>50000 h (@ Ta 25°C) |

**Electrical connection**

| | |
|---|---|
| Rated voltage: | 220 - 240 V, 50/60 Hz |
| Terminal clamp: | Cage clamp, 3-polig, 0,5 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 21 |
| CB B10/B13/B20: | 14/18/27 |
| CB C10/C13/C16/C20: | 21/28/35/43 |
| Cable entries: | M20 (1x), cable gland (1x), Plastic, 6 - 13 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP66 |
| IK rating: | IK09 |
| Approval marks: | CE |

**Mounting**

| | |
|---|---|
| Mounting method (accessories possibly needed): | Ceiling with bracket, Wall with bracket |
| Operating position: | vertical, horizontal |

**Mounting**

| | |
|---|---|
| Mounting: | 2-point |
| Swivel range: | 0 - 180 ° |
| Special features: | stainless steel bracket |

**Housing**

| | |
|---|---|
| Housing material: | Die-cast aluminium |
| Varnished: | Yes |
| Colour: | grey, DB 702 |

**Cover**

| | |
|---|---|
| Cover type / material: | Pane (Safety glass) |
| Cover characteristic: | clear |
| Closure: | screwed |

**Other features**

| | |
|---|---|
| Pressure compensation system: | Yes |

**Dimension/Weight**

| | |
|---|---|
| Length: | 380.00 mm |
| Width / Diameter: | 330.00 mm |
| Height: | 58.00 mm |
| Net weight: | 3.80 kg |