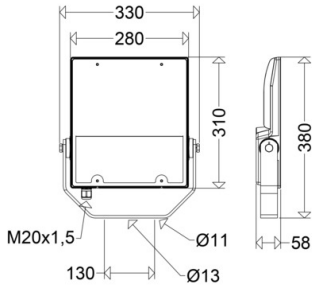
LED floodlight

# FOCO
# 7600 L100A VARIO SWP
**[ Item no. : 76000 0146 ]**



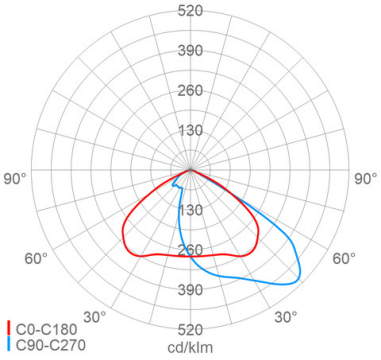
### General product description

LED floodlight FOCO VARIO with variably adjustable luminous flux. Consisting of powder-coated die-cast aluminium housing with LED modules and ECG, switch for setting the luminous flux, 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

- reduction of type diversity due to variably adjustable luminous flux
- simple, fast and toolless setting of the luminous flux on-site by means of integrated switch (accessible from the outside), adjustable at any time
- high flexibility due to variable luminous flux setting
- 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
- future proof by using standardised Zhaga LED modules




### Applications

- car parks, industrial areas, loading areas, loading platforms, gateways, illumination close to buildings, object protection, fence, safety and observation illumination, facade illumination etc.

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### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254354361 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 16 W, 70 W |
| Luminaire luminous flux: | 2740 lm, 11170 lm |
| Luminous efficacy: | 171 lm/W, 160 lm/W |
| Colour temperature: | 4000 K |
| Colour rendering (CRI): | ≥ 70 |
| Light colour: | 740 |
| Admissible ambient temperature $T_a$: | -40 °C to +50 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | B |
| Overvoltage protection: | 10 kV |
| I LED max: | 700 mA |
| Special features: | variable and almost stepless adjustable luminous flux (Attention: only min, max values listed above) |

**Lighting technology**

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

**Service life**

| | |
|---|---|
| Service life LED: | L95>100000 h (@ Ta max) |

**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: | 12 |
| CB B10/B13/B20: | 8/10/16 |
| CB C10/C13/C16/C20: | 12/16/20/24 |
| 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: | downwards radiation |
| Mounting: | 2-point |
| Swivel range: | 0 - 180 ° |
| Wind-exposed surface: | 0.02 m² |

**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**

| | |
|---|---|
| Seawater-resistant (SWP): | Yes |
| Pressure compensation system: | Yes |

**Product life cycle**

| | |
|---|---|
| Dismountable at end of life: | Yes |
| recyclable: | 90 % |
| Construction modular: | Yes |
| Spareparts availability > 10 years: | Yes |
| luminaire is upgradeable: | Yes |
| Guarantee 5 years: | Yes |
| Packaging made of 95% recyclet paper: | Yes |

**Dimension/Weight**

| | |
|---|---|
| Length: | 380.00 mm |
| Width / Diameter: | 330.00 mm |
| Height: | 58.00 mm |
| Net weight: | 3.90 kg |

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**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 76001 9000 | ABD 7600 ESGW | safety glass pane clear |
| 90549 0001 | ESSB HSM | Inrush current limiter for top-hat rail mounting |
| 90313 0001 | KV M20 BK | cable gland M20 |
| 90259 9004 | DAE M20 BK | breather M20 |
| 79511 0010 | BFSET M10/M12 | fastening set with 2 M10 screw connections 1 M12 screw connection |
| 75739 9006 | MAU 1 76/130 M10 | pole-top bracket for single-mounting |
| 75739 9007 | MAU 2 76/130 M10 | pole-top bracket for double-mounting |
| 75739 9009 | MAU 3 76/130 M10 | pole-top bracket for triple-mounting |
| 75739 9008 | MAU 4 76/130 M10 | pole-top bracket for quad-mounting |
| 76001 0002 | SD 7600 E2 | |
| 76001 0003 | SD 7600 E4 | Vibration-absorbing mounting, stainless steel material 1.4404 |
| 99100 0040 | AKB 4,0m H07RN-F 3G1,5 | Connection cable 4,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0041 | AKB 4,5m H07RN-F 3G1,5 | Connection cable 4,5 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0042 | AKB 5,0m H07RN-F 3G1,5 | Connection cable 5,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0044 | AKB 6,0m H07RN-F 3G1,5 | Connection cable 6,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0046 | AKB 7,0m H07RN-F 3G1,5 | Connection cable 7,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0048 | AKB 8,0m H07RN-F 3G1,5 | Connection cable 8,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0050 | AKB 9,0m H07RN-F 3G1,5 | Connection cable 9,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0052 | AKB 10,0m H07RN-F 3G1,5 | Connection cable 10,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0056 | AKB 12,0m H07RN-F 3G1,5 | Connection cable 12,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire |
| 99100 0074 | AKB 5,0m H07RN-F 4G1,5 | Connection cable 5,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |
| 99100 0076 | AKB 6,0m H07RN-F 4G1,5 | Connection cable 6,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |
| 99100 0078 | AKB 7,0m H07RN-F 4G1,5 | Connection cable 7,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |

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| | | |
|---|---|---|
| 99100 0080 | AKB 8,0m H07RN-F 4G1,5 | Connection cable 8,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |
| 99100 0082 | AKB 9,0m H07RN-F 4G1,5 | Connection cable 9,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |
| 99100 0084 | AKB 10,0m H07RN-F 4G1,5 | Connection cable 10,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |
| 99100 0088 | AKB 12,0m H07RN-F 4G1,5 | Connection cable 12,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire |