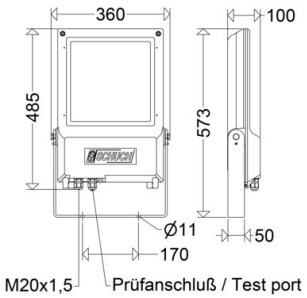
Explosion-protected LED floodlight

# ExFOCO L
# nD8700 4803A 730
**[ Item no. : 87000 0035 ]**



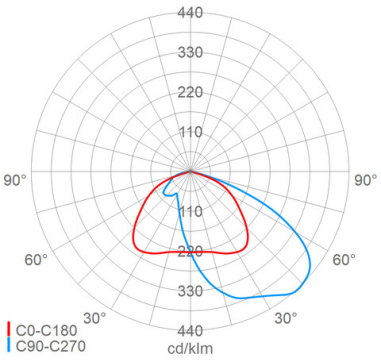
### General product description

Explosion-protected LED floodlight ExFOCO L of the GreenLine series with outstanding sustainable product design for zone 2/22. Die-cast aluminium housing and glass frame, powder-coated. Glass frame with tempered safety glass pane, hinged, with silicone gasket. LED modules with highly efficient optics, direct beam, Multi-Layer-Technology, with direct connection to the housing for perfect thermal management. ECG with overvoltage, overload, short circuit protection as well as temperature monitoring of the LED modules. Mounting bracket for pole, wall and ceiling mounting, swivel range 180°.




### General product benefits

- efficient substitute for conventional floodlights up to HIT 250W
- extremely high service life even at maximum admissible ambient temperature
- perfect thermal management due to direct connection of the LED modules to the housing, large cooling surface, excellent thermal conductivity
- uniform illumination due to Multi-Layer-Technology, i.e. every individual LED illuminates the whole surface, the light distribution curves of the LED are overlapping
- no light emission into the upper half space, ULOR=0
- eco-friendly; versions dimmable to 10% and with color temperature up to 3,000 K comply with Dark Sky requirements
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules
- GreenLine luminaire, outstanding sustainable design




### Applications

hazardous areas zone 2 (gas) and zone 22 (dust), outdoor and indoor areas, e.g. storage areas, construction sites, transport routes, loading stations, port areas, halls etc., light fitting is not suitable for use in areas with permanently high humiditiy and short operation time, e.g. sewage plants and rainwater retention basins

Explosion-protected LED floodlight

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## [ Item no. : 87000 0035 ]

### Technical data

**Explosion protection**

| | |
|---|---|
| EX-Zone: | 2 , 22 |
| EX-marking gas: | II 3 G Ex nR IIC T4 Gc |
| EX-marking dust: | II 3 D Ex tc IIIC T100°C Dc |
| Primary ignition protection method: | nR |
| Temperature class: | T4 |
| Surface temperature: | T100°C |
| ATEX: | IBExU 22 ATEX B012X |
| IECEx: | IECEx IBE 22.0021X |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 106 W |
| Luminaire luminous flux: | 14290 lm |
| Luminous efficacy: | 135 lm/W |
| Colour temperature: | 3000 K |
| Colour rendering (CRI): | ≥ 70 |
| Light colour: | 730 |
| Admissible ambient temperature $T_a$: | -30 °C to +40 °C |
| Control gear: | 1 x ECG, Overload protection , Short circuit protection |

**Lighting technology**

| | |
|---|---|
| Light distribution: | asymmetrical beam |
| Photobiological safety: | RG2 |

**Service life**

| | |
|---|---|
| Service life LED: | L80>100000 h (@ Ta max), L80>100000 h (@Ta 25°C) |

**Electrical connection**

| | |
|---|---|
| Rated voltage: | 220 - 240 V, 50/60 Hz |
| Terminal clamp: | Cage clamp, 3-polig, 0.75 - 2.5 mm² |
| Max. no. (with CB B16): | 7 |
| CB B10/B13/B20: | 5/6/9 |
| CB C10/C13/C16/C20: | 7/9/11/14 |
| Cable entries: | M20 (1x), cable gland (1x), Plastic, 8 - 13 mm |

**Housing**

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

**Cover**

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

**Cover**

| | |
|---|---|
| Closure: | screwed (Stainless steel (1.4301)) |

**Mounting**

| | |
|---|---|
| Mounting method (accessories possibly needed): | Ceiling with bracket, Wall with bracket |
| Operating position: | downwards radiation, forwards radiation |
| Mounting: | 2-point |
| Swivel range: | 0 - 180 ° |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP66 |
| IK rating: | IK10 |
| Approval marks: | CE |
| Energy efficiency class: | D |

**Dimension/Weight**

| | |
|---|---|
| Length: | 573.00 mm |
| Width/Diameter: | 360.00 mm |
| Height: | 100.00 mm |
| Net weight: | 9.70 kg |
| EAN/GTIN: | 4041254405087 |

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**[ Item no. : 87000 0035 ]**

**Optional accessories/spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 90120 9000 | 2531 | cable gland M20 for Ex-Zone 1/21 |
| 90122 9000 | 2533 | cable gland M20 with blanking plug for Ex-Zone 1/21 |
| 90270 0006 | ROB 60/76 G2 | pipe clamp for pole ø 60-76mm |
| 75739 9001 | MAU 1 76/170 M10 | |
| 75739 9002 | MAU 2 76/170 M10 | |