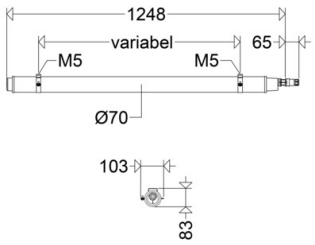
LED tubular light fitting

# PRIMO XR
# 107 12L22 XR DIMD
**[ Item no. : 10702 0023 ]**



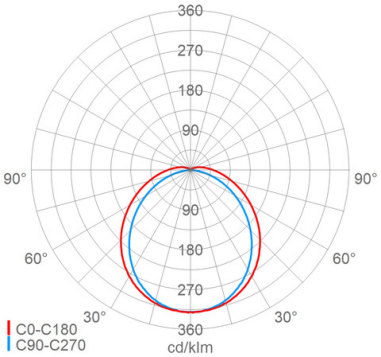
### General product description

Extremely gas-tight LED tubular light fitting for areas exposed to harmful gases. Frosted, impact-resistant PMMA tube, welded with end-/connection caps. Aluminum reflector with highly efficient LED modules and ECG with overload and short-circuit protection. Electrical connection via plug connection system (FastConnect), male connector integrated in connection cap, female attached. Two stainless steel pipe clamps, included in the scope of delivery, for quick and easy mounting.




### General product benefits

- hermetically sealed due to welding of tube and end caps as well as perfectly sealed quick connector
- protection of LED modules and ECG from damage and total failure due to exposure to harmful gases
- dust and pressure water tight (IP68 3m/30min)
- suitable for high-pressure or steam cleaning (IPX9K tested)
- applicable in unprotected outdoor areas
- Swimming pool light fitting
- highly impact resistant PMMA tube with high mechanical strength
- homogeneous illumination thanks to frosted tube, no single light points visible, comfortable perception of light, brilliant glare limitation
- quick mains connection thanks to integrated "FastConnect" plug connection system
- quick mounting with variable mounting distances thanks to sliding stainless steel pipe clamps




### Applications

- areas with vapours and gases (harmful gases) that can damage the LED up to total failure, e.g. ammonia and sulfur compounds in the chemical industry, in paper manufacture or in tire production and storage
- areas, which are endangered by water jets, e.g.car washs, inspection pits, docks, ships, slaughterhouses etc.
- protected and unprotected outdoor areas with high mechanical strains, e.g. areas with high wind loads, walkways, stairs, steel constructions, tube arms, on buildings, storage tanks etc.
- agricultural storage (vegetables, potatoes, etc.), wine cellars, technical areas in drinking water supply systems
- for damp and cold ambient conditions with low duty cycles, please contact us

# PRIMO XR
# 107 12L22 XR DIMD
## [ Item no. : 10702 0023 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254352015 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear not replaceable |
| Connected load: | 15 W |
| Luminaire luminous flux: | 2260 lm |
| Luminous efficacy: | 151 lm/W |
| Colour temperature: | 4000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 840 |
| Admissible ambient temperature $T_a$: | -20 °C to +40 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | C |
| I LED max: | 150 mA |

**Lighting control**

| | |
|---|---|
| Dimmable: | Yes |
| Dimming method: | DALI (DIMD) |
| Dimming range: | 1 - 100 % |
| DALI-addresses per luminaire: | 1 |
| DALI-standard: | DT6 |

**Lighting technology**

| | |
|---|---|
| Light distribution: | symmetrical wide beam |
| Beam angle: | 120 ° |
| Photobiological safety: | RG1 |

**Service life**

| | |
|---|---|
| Service life LED: | L90>50000 h (@ Ta 25°C), L80>70000 h (@ Ta max), L70>100000 h (@ Ta max) |

**Electrical connection**

| | |
|---|---|
| Rated voltage: | 220 - 240 V, 50/60 Hz |
| Terminal clamp: | Plug, 5-polig, 0,75 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 22 |
| CB B10/B13/B20: | 14/18/28 |
| CB C10/C13/C16/C20: | 22/29/37/45 |
| Cable entries: | Plastic, 10 - 14 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP68 (3m), IPX9K |
| IK rating: | IK06 |
| Limited surface temperature D: | Yes |

**Features/Certificates**

| | |
|---|---|
| Approval marks: | CE |

**Mounting**

| | |
|---|---|
| Mounting method (accessories possibly needed): | Ceiling, Wall |
| Operating position: | horizontal, vertical |
| Mounting: | 2-point |
| Swivel range: | 0 - 360 ° |
| Special features: | variable mounting distance, 2 stainless steel pipe clamps (included in scope of delivery) |

**Cover**

| | |
|---|---|
| Cover type / material: | Tube (PMMA) |
| Cover characteristic: | satined |

**Other features**

| | |
|---|---|
| Special features: | FastConnect (FC), extreme resistance (XR) |

**Dimension/Weight**

| | |
|---|---|
| Length: | 1248.00 mm |
| Width / Diameter: | 103.00 mm |
| Height: | 83.00 mm |
| Net weight: | 2.20 kg |

# PRIMO XR
# 107 12L22 XR DIMD
**[ Item no. : 10702 0023 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 90278 9005 | 107 SVDA-3 | Plug-in connector double connection 3 pole |
| 90278 9006 | 107 SVDA-5 | Plug-in connector double connection 5 pole |
| 90278 9007 | 107 VS-3 | Locking piece 3 pole grey for luminaires with through-wiring |
| 90278 9008 | 107 VS-5 | Locking piece 5 pole grey for luminaires with through-wiring |
| 90272 9003 | 107 RO V4A P | 1 pair pipe clamps stainless steel (1.4571) |