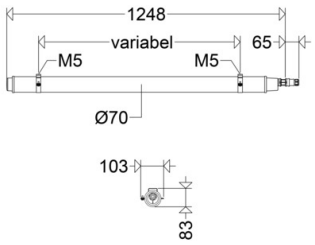
LED tubular light fitting

PRIMO XR
107 12L42 XR
[Item no. : 10702 0005]



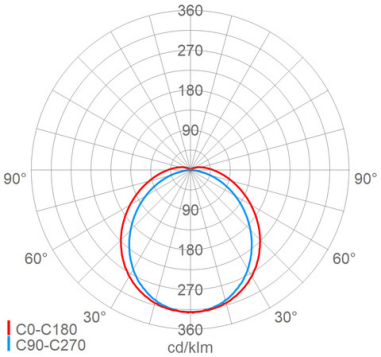
General product description

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

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Technical data

General

EAN/GTIN:	4041254343051

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear not replaceable
Connected load:	29 W
Luminaire luminous flux:	4370 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:	300 mA

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, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16:	16
CB B10/B13/B20:	11/13/21
CB C10/C13/C16/C20:	16/21/27/33
Cable entries:	Plastic, 10 - 14 mm

Features/Certificates

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

Mounting

Mounting method (accessories possibly needed):	Ceiling, Wall
Operating position:	horizontal, vertical
Mounting:	2-point
Swivel range:	0 - 360 °

Mounting

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

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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)