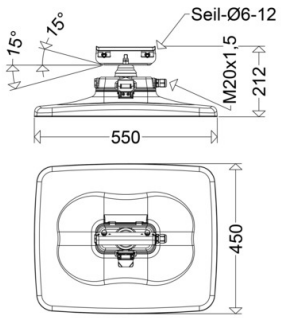
LED rope-supported light fitting

PENDO
49 6403 730
[Item no. : 49000 0070]



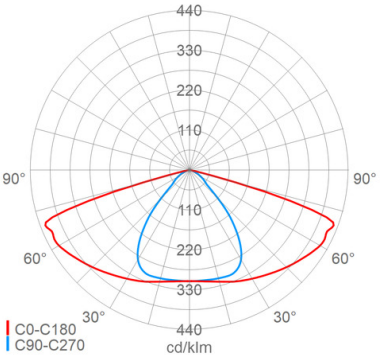
General product description

LED rope-supported light fitting consisting of powder-coated die-cast aluminium housing, two-part. Upper part with bracket, adjustable inclination, cable entry and pressure compensation system. Lower part with LED modules, highly-efficient optics, frameless safety glass pane and ECG, hinged and detachable. Isolating plug connection and strain relief in junction box between upper and lower part, hinged and toolless accessible. Zhaga LED modules with highly efficient optics, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. Rope mounting with stainless steel bracket, rotatable (360°) and tiltable (15°) for ropes Ø 6-12mm.



General product benefits

- long-lasting, corrosion-resistant die-cast aluminium housing with smooth surface without cooling fins
-
- Integrated pressure equalisation system for defined ‘breathing’ prevents condensation from forming inside the luminaire.
- toolless removable lower part of the housing allows comfortable, time- and cost-saving mounting in 2 steps: 1. Hinge upper part with bracket onto the rope and connect mains, 2. Hinge lower part, connect isolating plug, shut the housing and lock. READY
- universal usage on crosswise, lengthwise and inclined ropes or 3-point rope supports (see "Optional accessories")
- toolless disconnection (also electrical!) of the lower part from the upper part allows comfortable replacement of components on-site or in the workshop, no extensive dismounting or painful overhead working necessary
- 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
- no light emission into the upper half space, ULOR=0
- versions dimmable to 10% and with color temperature up to 3,000 K comply with Dark Sky requirements
- interchangeable components
- future proof by using standardised Zhaga LED modules



Applications

- collecting, main, and through roads with rope mounting

LED rope-supported light fitting

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Technical data

General
EAN/GTIN: 4041254403120

Key technical data
Light source: LED
LED module standard: Zhaga
Exchangeability: light source and control gear replaceable by qualified person
Connected load: 140 W
Luminaire luminous flux: 22390 lm
Luminous efficacy: 160 lm/W
Colour temperature: 3000 K
Colour rendering (CRI): ≥ 70
Light colour: 730
Admissible ambient temperature T_a: -40 °C to +40 °C
Control gear: 1 x ECG, Overload protection, Short circuit protection
Energy efficiency class: C
Overvoltage protection: 10 kV
I LED max: 700 mA

Lighting technology
Optical system: Lens optics
Optical system material: PMMA
Light distribution: symmetrical wide 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: Plug, Screw terminal, 3-polig, 0,75 - 2,5 mm²
Max. no. with circuit breaker B16: 23
CB B10/B13/B20: 15/19/29
CB C10/C13/C16/C20: 23/31/39/47
Cable entries: M20 (1x), cable gland (1x), Plastic, 6 - 13 mm

Features/Certificates
Protection class: II
IP rating: IP66
IK rating: IK10
Approval marks: CE, VDE, ENEC

Mounting
Mounting method (accessories possibly needed): Rope
Operating position: downwards radiation
Swivel range: -15 - 15 °
Rope diameter: 6 - 12 mm

Mounting
Wind-exposed surface: 0.05 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 (Stainless steel V4A)

Other features
Pressure compensation system: Yes

Product life cycle
Dismountable at end of life: Yes
recyclable: 80 %
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: 550.00 mm
Width / Diameter: 450.00 mm
Height: 212.00 mm
Net weight: 11.80 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
49001 9001	ABD 49 ESGW	safety glass pane clear