

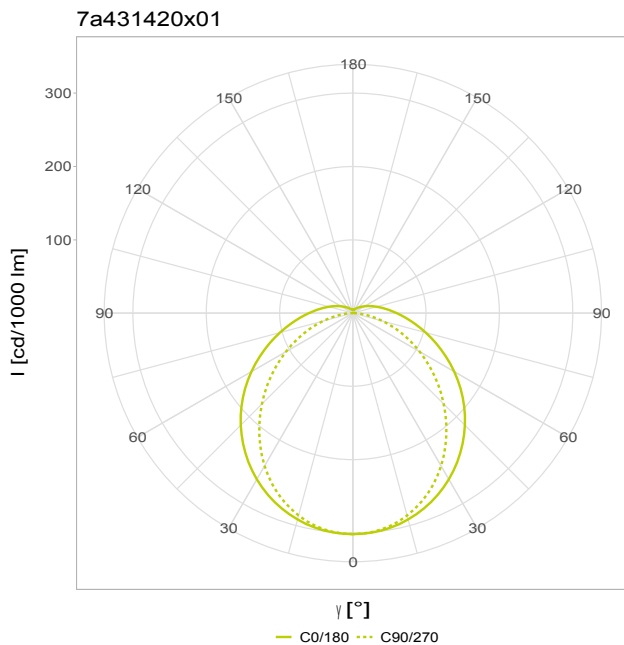
Article-No: 7a431420x01

Round tube luminaire



TUBIS LED INDUSTRY XLS C DM 1.6m PO 1x36W 125° 5800lm 840 TW3x2,5+2x1,5 class I

Tubular lamp highest industry demands made of impact resistant PRACHTOPAL® or polycarbonate (clear). Pressurised-water resistant tube, substantially acid and alkali resistant, diameter 90mm. Integrated robust industry LED driver. Homogeneous light output due to smart MID-Power LED layout. Several light output angles available thanks to linear lens system. Optimized thermal management due to X-Wing cooling profile. Through-wiring up to maximum 5x2.5mm² available. Short ageing-resistant silicone seals. Ingress protection IP66/IP68(2m)/IPX9K. Variable mounting points using stainless steel PRACHT tube clips, suitable for ceiling-, horizontal and vertical wall mounting, accessories for pendant and mounting rail installation available for order. Now also available as XLS series extension. eXtended Lighting Solutions by PRACHT. Connected by Bluetooth Low Energy and manageable with Casambi. The DALI-Master luminaire contains its own module, allowing it to manage up to 15 further standard DALI luminaires.



GTIN 4018098330479

Statistical product number 94054231

DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1575 mm |
| Width | 90 mm |
| Height | 105 mm |
| Net weight | 4,00 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 5800 lm |
| Systempower | 36 W |
| Efficacy | 161 lm/W |
| Energy efficiency class of the light source | C |

ASSEMBLY AND MAINTENANCE

| | |
|------------------------|---|
| Optional mounting type | Pendulum mounting, horizontal Wall, vertical wall |
| Standard mounting | Ceiling |

LIGHT SOURCE

| | |
|--|--------------------------|
| Luminaire type | LED |
| Number of light sources LED rows lamps | 1 |
| Colour temperature | 4000 K |
| Colour rendering index | >80 |
| Number of LEDs | 180 |
| Standard Deviation of Colour Matching (SDCM) | 3 |
| Control gear exchangeable | yes, by qualified person |
| Light source exchangeable | yes, by manufacturer |

LIGHTING ENGINEERING

| | |
|-----------------------------------|---------------------------|
| Light distributor | Diffuser lens/optic/panel |
| Light distribution angle | 125 ° |
| Light distribution | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 22 / 25 |

MATERIAL

| | |
|------------------|-----------------|
| Cover material | PO - PRACHTOPAL |
| Housing material | PRACHTOPAL |
| Housing colour | opalized |

CAPACITY

| | |
|---|--|
| outdoor area | Unprotected outdoor area in the direct vicinity of the building with cable entry from below or from the side |
| Rebuildable | false |
| IK-Impact resistance | IK08 |
| Protection class (IP) | IP66, IP68 (2m), IPX9, IPX9K |
| Use in animal husbandry | not suitable |
| Vandalism protection | false |
| Warranty | 5 Years |
| Life expectancy B50 at 25° in hours (h) | |
| L90/B50 25°C | 73730 |
| L80/B50 25°C | >100000 |
| L70/B50 25°C | >100000 |
| Life expectancy B10 at 25° in hours (h) | |
| L90/B10 25°C | 59851 |
| L80/B10 25°C | >100000 |
| L70/B10 25°C | >100000 |
| Life expectancy B50 at 40° in hours (h) | |
| L90/B50 40°C | 73730 |
| L80/B50 40°C | >100000 |
| L70/B50 40°C | >100000 |
| max. lowest temperature | -20 °C |
| max. highest temperature | 40 °C |

TECHNICAL DATA

| | |
|--|---|
| Dimming type | Dimming DALI Dimming DALI Dimming DALI-2 Manufacturer-specific dimming |
| Filament test | 650 °C |
| Protection class | class I |
| Circuit Breaker B10A | 11 Luminaires |
| Circuit Breaker B16A | 18 Luminaires |
| Circuit Breaker C10A | 18 Luminaires |
| Circuit Breaker C16A | 30 Luminaires |
| Voltage spike protection U (L-PE) | 4,0 kV |
| Voltage spike protection U (L-N) | 2,0 kV |
| Through-wiring mm ² | 3x2,5+2x1,5 |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | true |
| Emergency light suitability of the luminaire | Yes, with article number 7a431420x01NZ |
| Rated voltage | 220-240V 0/50/60 Hz |

PACKAGING

| | |
|------------------|-----------|
| VPE 1 | |
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 1,85 m |
| Width | 0,10 m |
| Height | 0,09 m |
| Weight | 4,20 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 60 Piece |
| Length | 1,90 m |
| Width | 0,80 m |
| Height | 1,20 m |
| Weight | 272,00 kg |

WIRELESS LIGHTING CONTROL

| | |
|------------------------------|---------|
| radio standard | Casambi |
| radio distance maximum | 25,00 m |
| controllable dali luminaires | 24 |

FURTHER PRODUCT INFORMATION

| | |
|-------------------|------------|
| REACH-Info | false |
| REACH-Listdate | 2024-01-23 |
| Market labelling | CE |
| Product labelling | RoHS, WEEE |

Accessories (optional)

| Article-No: | Designation |
|-------------|--|
| 9800002 | XLS CC SWITCH- Extension of a traditional wall switch |
| 9800003 | XLS CC CONTROLLER wireless button user interface (battery powered 8 buttons) |
| 9800004 | XLS CCS ASYM - Daylight and movement detector (infrared) |
| 9800005 | XLS CCS HRO - Daylight and movement detector (infrared) |
| 9800007 | XLS CCS HF (High-Frequency) |

The right of error and later technical developments is reserved. 15.08.2024

Values may be extrapolated differently from TM21.

