

Article-No: 5291000x00

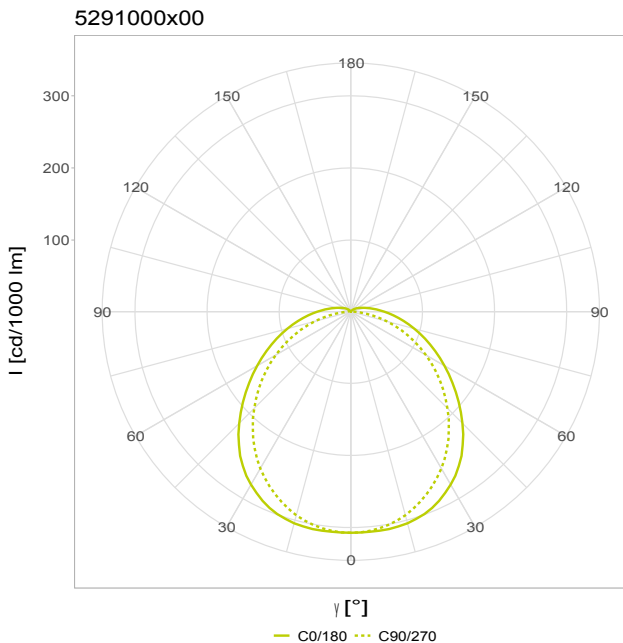
Diffuser luminaires



**LUNA PRO XLS C 1.5m PCO
1x27W 120° Im 840 DVavailable
as accessory class I**

Versatile LED damp-proof luminaire made of white polycarbonate (IK 08, impact resistant) with innovative, particularly fast mounting. Due to its smart structure the time of installation is reduced by one third. The LED carrier is integrated into the cover. Includes the proven silicone seals. Suitable for ceiling-, pendulum- and vertical wall mounting, trunking rail mounting available with accessories. Now also available as XLS series extension. eXtended Lighting Solutions by PRACHT. Connected by Bluetooth Low Energy and manageable wit

GTIN 4018098326823
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1500 mm |
| Width | 90 mm |
| Height | 80 mm |
| Net weight | 2,10 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 3800 lm |
| Systempower | 27 W |
| Efficacy | 141 lm/W |
| Energy efficiency class of the light source | D |

ASSEMBLY AND MAINTENANCE

| | |
|------------------------|---|
| Optional mounting type | Pendulum mounting, mounting rail, horizontal Wall |
| Standard mounting | Ceiling |

MATERIAL

| | |
|------------------|-----------------------------|
| Cover material | PCO - Polycarbonate OPAL |
| Housing material | PC-Polycarbonate |
| Housing colour | white |

LIGHT SOURCE

| | |
|--|--------------------------|
| Luminaire type | LED |
| Number of light sources LED rows lamps | 1 |
| Colour temperature | 4000 K |
| Colour rendering index | >80 |
| Number of LEDs | 126 |
| Standard Deviation of Colour Matching (SDCM) | 5 |
| Control gear exchangeable | yes, by qualified person |
| Light source exchangeable | yes, by qualified person |

LIGHTING ENGINEERING

| | |
|-----------------------------------|---------------------------|
| Light distributor | Diffuser lens/optic/panel |
| Light distribution angle | 120 ° |
| Light distribution | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 22 / 23 |

CAPACITY

| | |
|---|-------------------------|
| outdoor area | Protected outdoor area* |
| Rebuildable | false |
| IK-Impact resistance | IK08 |
| Protection class (IP) | IP65 |
| Use in animal husbandry | not suitable |
| Vandalism protection | false |
| Warranty | 5 Years |
| Life expectancy B50 at 25° in hours (h) | |
| L80/B50 25°C | 84160 |
| L70/B50 25°C | >100000 |
| Life expectancy B10 at 25° in hours (h) | |
| L80/B10 25°C | 84160 |
| L70/B10 25°C | >100000 |
| Life expectancy B50 at 35° in hours (h) | |
| L80/B50 35°C | 58116 |
| L70/B50 35°C | 88486 |
| max. lowest temperature | -20 °C |
| max. highest temperature | 35 °C |

TECHNICAL DATA

| | |
|--|---|
| Dimming type | Dimming DALI Dimming DALI Dimming DALI-2 Manufacturer-specific dimming |
| Filament test | 850 °C |
| Protection class | class I |
| Circuit Breaker B10A | 13 Luminaires |
| Circuit Breaker B16A | 22 Luminaires |
| Circuit Breaker C10A | 21 Luminaires |
| Circuit Breaker C16A | 36 Luminaires |
| Voltage spike protection U (L-PE) | 2,0 kV |
| Voltage spike protection U (L-N) | 1,0 kV |
| Through-wiring mm ² | available as accessory |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | According to area of application |
| Emergency light suitability of the luminaire | Yes, with article number 5291000x00NZ |
| Rated voltage | 220-240V 0/50/60 Hz |

PACKAGING

| | |
|------------------|-----------|
| VPE 1 | |
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 1,50 m |
| Width | 0,09 m |
| Height | 0,08 m |
| Weight | 2,40 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 96 Piece |
| Length | 1,50 m |
| Width | 0,80 m |
| Height | 1,10 m |
| Weight | 250,40 kg |

WIRELESS LIGHTING CONTROL

| | |
|------------------------|---------|
| radio standard | Casambi |
| radio distance maximum | 25,00 m |

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) |

* Protected outdoor area:
 a canopy protects the luminaire of direct solar radiation. It is to be ensured that for mounting beneath the edge, the luminaire does not withstand heavy rainfall. Typically a height difference of 0,5 times the roof overhang compared to the luminaire should not be exceeded.

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

Values may be extrapolated differently from TM21.

