

Article-No: 5261150

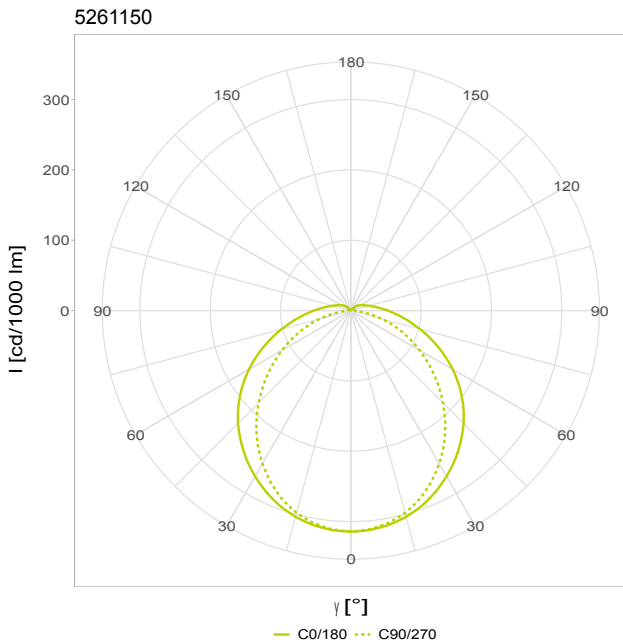
Diffuser luminaires



**LUNA N LED 1.6m LOPRA 1xW
120° Im 840 DVavailable as
accessory class I**

Diffuser luminaire with MID-Power LEDs, housing made of grey, glass fibre reinforced polyester, LOPRA cover for glare-free and homogeneous illumination, single LED light points are not visible, seals made of age-resistant silicone foam, clip-lock made of stainless steel, metal gear tray, easy mounting through variable mounting points with PRACHT-CLIP-SYSTEM (stainless steel), suitable for ceiling mounting; pendulum, carrier rail and horizontal wall mounting possible with accessories.

GTIN 4018098221425
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1578 mm |
| Width | 86 mm |
| Height | 98 mm |
| Net weight | 2,50 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 5000 lm |
| Systempower | 31 W |
| Efficacy | 161 lm/W |
| Energy efficiency class of the light source | C |

ASSEMBLY AND MAINTENANCE

| | |
|------------------------|---|
| Optional mounting type | Pendulum mounting, mounting rail, horizontal 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 | 120 |
| Standard Deviation of Colour Matching (SDCM) | 3 |
| 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 | IK02 |
| Protection class (IP) | IP66 |
| Use in animal husbandry | not suitable |
| Vandalism protection | false |
| Warranty | 5 Years |
| Life expectancy B50 at 25° in hours (h) | |
| L90/B50 25°C | 71294 |
| L80/B50 25°C | >100000 |
| L70/B50 25°C | >100000 |
| Life expectancy B10 at 25° in hours (h) | |
| L90/B10 25°C | 61022 |
| L80/B10 25°C | >100000 |
| L70/B10 25°C | >100000 |
| Life expectancy B50 at 35° in hours (h) | |
| L90/B50 35°C | 67127 |
| L80/B50 35°C | >100000 |
| L70/B50 35°C | >100000 |
| max. lowest temperature | -20 °C |
| max. highest temperature | 35 °C |

MATERIAL

| | |
|------------------|---------------|
| Cover material | LOPRA |
| Housing material | GRP polyester |
| Housing colour | Grey RAL 7035 |

TECHNICAL DATA

| | |
|--|------------------------|
| Dimming type | No dim function |
| Filament test | 650 °C |
| Protection class | class I |
| Circuit Breaker B10A | 22 Luminaires |
| Circuit Breaker B16A | 35 Luminaires |
| Circuit Breaker C10A | 36 Luminaires |
| Circuit Breaker C16A | 59 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 | false |
| Emergency light suitability of the luminaire | No |
| Rated voltage | 220–240V 0/50/60 Hz |

PACKAGING

| | |
|------------------|-----------|
| VPE 1 | |
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 1,67 m |
| Width | 0,10 m |
| Height | 0,10 m |
| Weight | 2,90 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 72 Piece |
| Length | 1,66 m |
| Width | 0,80 m |
| Height | 1,10 m |
| Weight | 228,80 kg |

FURTHER PRODUCT INFORMATION

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

Accessories (optional)

| Article-No: | Designation |
|-------------|---|
| 0604222 | Rope-/chain suspension bracket LUNA N made of stainless steel |
| 0604224 | Wall mounting clip LUNA N |
| 0604558 | Through-wiring 5x1,5mm ² LUNA N 1578mm, enclosed loosely |
| 0604568 | Through-wiring 5x2,5mm ² LUNA N 1578mm, enclosed loosely |

Spare parts

| Article-No: | Designation |
|-------------|---|
| 0604213 | 10 Nirosta LUNA N Diffuser Clips stainless steel |
| 0604221 | Ceiling mounting -/Clamp LUNA N, 2x ceiling mounting clamp, WITHOUT bracket |
| 0605233 | Diffuser LUNA N LED L 1578mm * W 86mm, LOPRA extruded |
| 0690017 | Plug Luna N grey |

* 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.

