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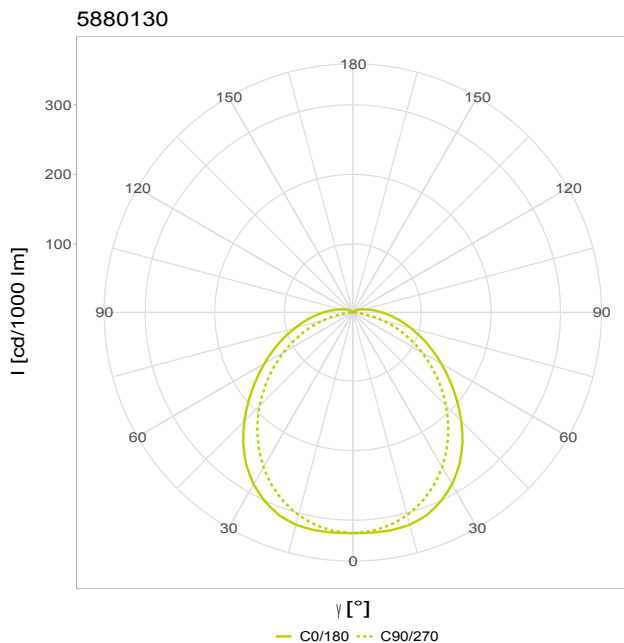
Diffuser luminaires



## BL ONE DALI 1.5m PCO 1x69W 115° 11500lm 840 TW5x2,5+2x1,5 class I

The new generation LUNA BL ONE sets a new standard for damp-proof luminaires with its innovative design and extensive range of functions. Made from 98% recycled material, it is not only environmentally friendly, but also extremely robust and durable. This luminaire offers a wide range of functions that make it suitable for various applications. From simple on/off switching to complex control via the DALI protocol, the LUNA BL ONE is extremely versatile. Thanks to optional integrated sensors, the lighting automatically adapts to the ambient conditions, which not only increases comfort but also saves energy. The multi-lumen technology makes it possible to adjust the light intensity as required, from soft backlighting to a bright working light. With its modern design and high functionality, the new generation LUNA BL ONE is the ideal solution for damp rooms in various application areas such as industry, commerce and public facilities.

GTIN 4018098441571  
Statistical product number 94054231



## DIMENSIONS AND WEIGHTS

|            |         |
|------------|---------|
| Length     | 1500 mm |
| Width      | 90 mm   |
| Height     | 80 mm   |
| Net weight | 2,36 kg |

## ASSEMBLY AND MAINTENANCE

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

## OUTPUT

|   |          |
|---|----------|
| Luminous flux                               | 11500 lm |
| Systempower                                 | 69 W     |
| Efficacy                                    | 167 lm/W |
| Energy efficiency class of the light source | B        |

## MATERIAL

|                  |  |
|------------------|--|
| Cover material   | PCOr - Polycarbonate<br>OPAL Recyclate |
| Housing material | PCr                                    |
| 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                               | 480                      |
| 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          | 115 °                     |
| Light distribution                | wide beam                 |
| Glare limitation UGR 4H 8H C0 C90 | 29 / 26                   |

## 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) |                         |
| L90/B50 25°C                            | 51875                   |
| L80/B50 25°C                            | >100000                 |
| L70/B50 25°C                            | >100000                 |
| Life expectancy B10 at 25° in hours (h) |                         |
| L80/B10 25°C                            | >100000                 |
| L70/B10 25°C                            | >100000                 |
| Life expectancy B50 at 35° in hours (h) |                         |
| L90/B50 35°C                            | 51875                   |
| L80/B50 35°C                            | >100000                 |
| L70/B50 35°C                            | >100000                 |
| max. lowest temperature                 | -20 °C                  |
| max. highest temperature                | 35 °C                   |

## TECHNICAL DATA

|  |                                  |
|--|----------------------------------|
| Dimming type                                 | Dimming DALI-2                   |
| Filament test                                | 850 °C                           |
| Protection class                             | class I                          |
| Circuit Breaker B10A                         | 8 Luminaires                     |
| Circuit Breaker B16A                         | 12 Luminaires                    |
| Circuit Breaker C10A                         | 13 Luminaires                    |
| Circuit Breaker C16A                         | 21 Luminaires                    |
| Voltage spike protection U (L-PE)            | 2,0 kV                           |
| Voltage spike protection U (L-N)             | 1,0 kV                           |
| Through-wiring mm <sup>2</sup>               | 5x2,5+2x1,5                      |
| D-marking                                    | true                             |
| Voltage type acc. ETIM                       | AC/DC                            |
| IFS suitable                                 | According to area of application |
| Emergency light suitability of the luminaire | Yes                              |
| Rated voltage                                | 220–240V 0/50/60 Hz              |

## PACKAGING

|                  |           |
|------------------|-----------|
| VPE 1            |           |
| Unit             | Carton    |
| Content quantity | 1 Piece   |
| Length           | 1,51 m    |
| Width            | 0,09 m    |
| Height           | 0,08 m    |
| Weight           | 2,57 kg   |
| VPE 2            |           |
| Unit             | Pallet    |
| Content quantity | 96 Piece  |
| Length           | 1,51 m    |
| Width            | 0,80 m    |
| Height           | 1,10 m    |
| Weight           | 246,72 kg |

## FURTHER PRODUCT INFORMATION

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

\* 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.

