

Article-No: 7083617

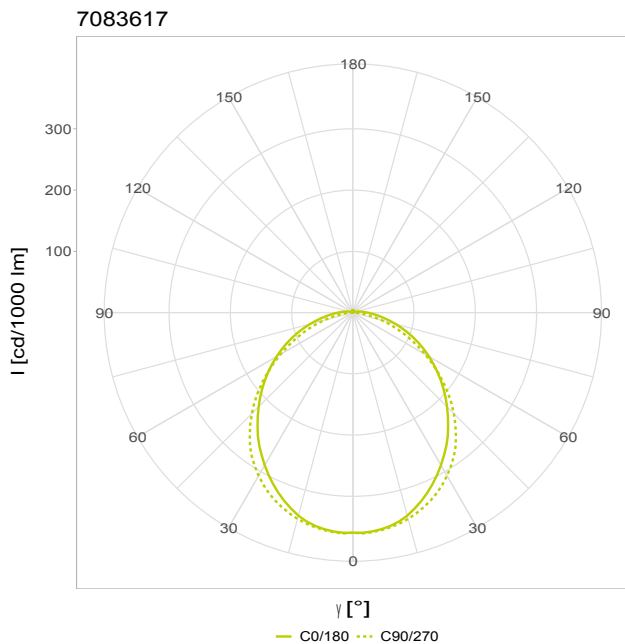
Surface-mounted luminaires



BERNINA R SKII DALI 71cm PO 1x16W 105° 1800lm 940 TW5x2,5+2x1,5 class II

LED Luminaire in round construction with efficient MID-power LEDs, LED unit fully interchangeable, converter integrated in luminaire, flat, stable housing made of GFK-polyester, impact-resistant cover panel made of PRACHTOPAL, one man fitting possible with variable mounting points through PRACHT-CLIP-SYSTEM

GTIN 4018098353515
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 714 mm |
| Width | 215 mm |
| Height | 90 mm |
| Net weight | 4,60 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 1800 lm |
| Systempower | 16 W |
| Efficacy | 112 lm/W |
| Energy efficiency class of the light source | D |

ASSEMBLY AND MAINTENANCE

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

LIGHT SOURCE

| | |
|--|--------------------------|
| Luminaire type | LED |
| Number of light sources LED rows lamps | 1 |
| Colour temperature | 4000 K |
| Colour rendering index | >90 |
| Number of LEDs | 96 |
| Standard Deviation of Colour Matching (SDCM) | 3 |
| Control gear exchangeable | yes, by qualified person |
| Light source exchangeable | yes, by manufacturer |

LIGHTING ENGINEERING

| | |
|-----------------------------------|-----------|
| Light distributor | Reflector |
| Light distribution angle | 105 ° |
| Light distribution | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 20 / 20 |

CAPACITY

| | |
|---|-------------------------|
| outdoor area | Protected outdoor area* |
| Rebuildable | false |
| IK-Impact resistance | IK06 |
| 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 | 56231 |
| 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 45° in hours (h) | |
| L90/B50 45°C | 52531 |
| L80/B50 45°C | >100000 |
| L70/B50 45°C | >100000 |
| max. lowest temperature | -25 °C |
| max. highest temperature | 45 °C |

MATERIAL

| | |
|------------------|-----------------|
| Cover material | PO - PRACHTOPAL |
| Housing material | GRP polyester |
| Housing colour | White RAL 9010 |

TECHNICAL DATA

| | |
|--|------------------------------------|
| ENEC | true |
| Dimming type | Dimming DALI Dimming DALI-2 |
| Filament test | 650 °C |
| Protection class | class II |
| Circuit Breaker B10A | 22 Luminaires |
| Circuit Breaker B16A | 36 Luminaires |
| Circuit Breaker C10A | 37 Luminaires |
| Circuit Breaker C16A | 61 Luminaires |
| Voltage spike protection U (L-PE) | 2,0 kV |
| Voltage spike protection U (L-N) | 1,0 kV |
| Through-wiring mm ² | 5x2,5+2x1,5 |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | false |
| Emergency light suitability of the luminaire | Yes, with article number 7083617NZ |
| Rated voltage | 220-240V 0/50/60 Hz |

PACKAGING

| | |
|------------------|-----------|
| VPE 1 | |
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 0,80 m |
| Width | 0,22 m |
| Height | 0,10 m |
| Weight | 4,80 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 36 Piece |
| Length | 1,20 m |
| Width | 0,80 m |
| Height | 1,35 m |
| Weight | 182,00 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.

