

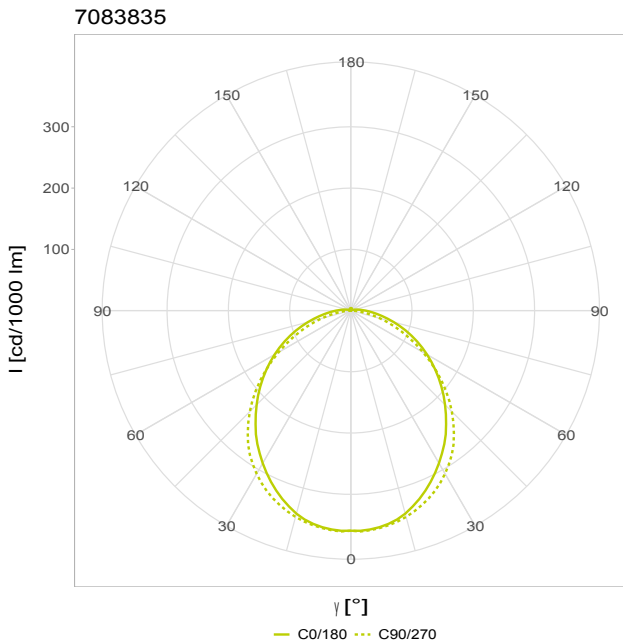
Article-No: 7083835
 Surface-mounted luminaires



**BERNINA R SKII 1.6m PO 1x49W
 105° 6700lm 940 TW5x2,5 class
 II 4kV**

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 4018098353478
 Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1574 mm |
| Width | 215 mm |
| Height | 90 mm |
| Net weight | 7,40 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 6700 lm |
| Systempower | 49 W |
| Efficacy | 137 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 | 240 |
| 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 | 21 / 22 |

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) | |
| 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 | No dim function |
| Filament test | 650 °C |
| Protection class | class II |
| Circuit Breaker B10A | 15 Luminaires |
| Circuit Breaker B16A | 24 Luminaires |
| Circuit Breaker C10A | 24 Luminaires |
| Circuit Breaker C16A | 40 Luminaires |
| Voltage spike protection U (L-N) | 4,0 kV |
| Through-wiring mm ² | 5x2,5 |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | false |
| Emergency light suitability of the luminaire | Yes, with article number 7083835NZ |
| Rated voltage | 220-240V 0/50/60 Hz |

PACKAGING

| | |
|------------------|-----------|
| VPE 1 | |
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 1,65 m |
| Width | 0,22 m |
| Height | 0,10 m |
| Weight | 7,60 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 36 Piece |
| Length | 1,65 m |
| Width | 0,80 m |
| Height | 1,35 m |
| Weight | 297,20 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.

