

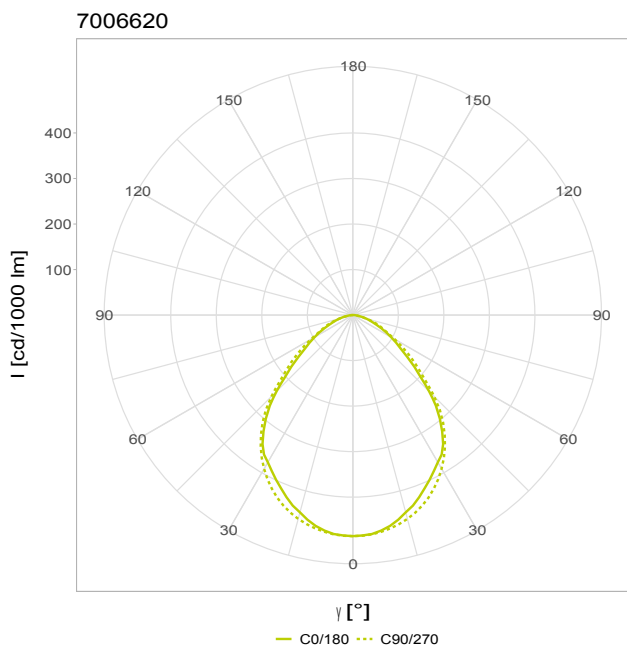
Article-No: 7006620  
Surface-mounted luminaires



**BERNINA F SKII DALI 1.6m  
PC 1x53W 090° 5700lm 940  
TWwithout class II**

LED Luminaire in extremely flat 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 4018098351207  
Statistical product number 94054231



**DIMENSIONS AND WEIGHTS**

|            |         |
|------------|---------|
| Length     | 1574 mm |
| Width      | 215 mm  |
| Height     | 85 mm   |
| Net weight | 7,40 kg |

**OUTPUT**

|   |          |
|---|----------|
| Luminous flux                               | 5700 lm  |
| Systempower                                 | 53 W     |
| Efficacy                                    | 108 lm/W |
| Energy efficiency class of the light source | D        |

**ASSEMBLY AND MAINTENANCE**

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

**MATERIAL**

|                  |                    |
|------------------|--------------------|
| Cover material   | PC - Polycarbonate |
| Housing material | GRP polyester      |
| Housing colour   | White RAL 9010     |

## 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          | 90 °      |
| Light distribution                | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 19 / 19   |

## 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                            | 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                   |

## TECHNICAL DATA

|  |                                    |
|--|------------------------------------|
| ENEC   | true                               |
| Dimming type                                 | Dimming DALI                       |
| Filament test                                | 850 °C                             |
| Protection class                             | class II                           |
| Circuit Breaker B10A                         | 9 Luminaires                       |
| Circuit Breaker B16A                         | 15 Luminaires                      |
| Circuit Breaker C10A                         | 15 Luminaires                      |
| Circuit Breaker C16A                         | 25 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>               | without                            |
| D-marking                                    | true                               |
| Voltage type acc. ETIM                       | AC/DC                              |
| IFS suitable                                 | false                              |
| Emergency light suitability of the luminaire | Yes, with article number 7006620NZ |
| 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.

