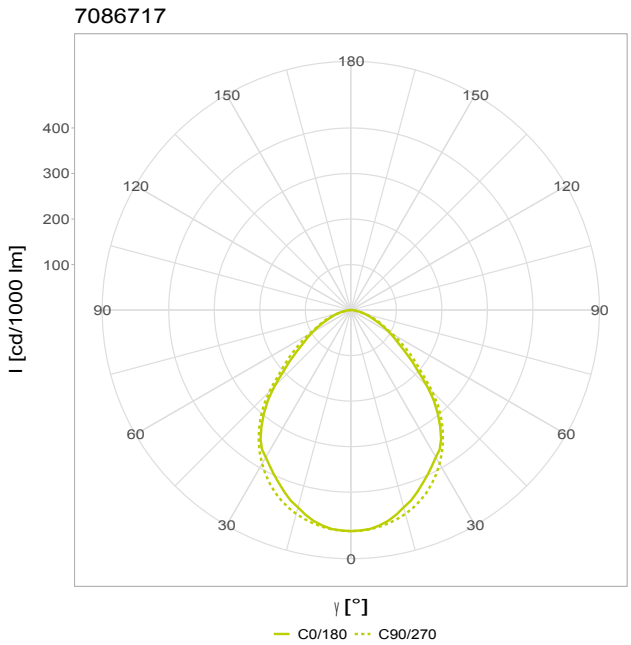
Article-No: 7086717
Surface-mounted luminaires

BERNINA F SKII DALI 71cm PC 1x19W 090° 1800lm 940 TW5x2,5+2x1,5 class II 4kVESB

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	4018098353027
Statistical product number	94054231



DIMENSIONS AND WEIGHTS

Length	714 mm
Width	215 mm
Height	85 mm
Net weight	4,60 kg

OUTPUT

Luminous flux	1800 lm
Systempower	19 W
Efficacy	95 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	96
Standard Deviation of Colour Matching (SDCM)	3
Control gear exchangeable	yes, by qualified person
Light source exchangeable	yes, by manufacturer

LIGHTING EGINEERING

Light distributor	Reflector
Light distribution angle	90 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	18 / 18

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	37 Luminaires
Circuit Breaker B16A	59 Luminaires
Circuit Breaker C10A	54 Luminaires
Circuit Breaker C16A	87 Luminaires
Voltage spike protection U (L-N)	4,0 kV
Through-wiring mm²	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 7086717NZ
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, DB listed

* Protected outdoor area:
a canopy protects the luminaire ofdirect solar radiation. It is to be ensured that for mountingbeneath the edge, the luminaire does not withstand heavyrainfall. Typically a height difference of 0,5 times the roofoverhang 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.