

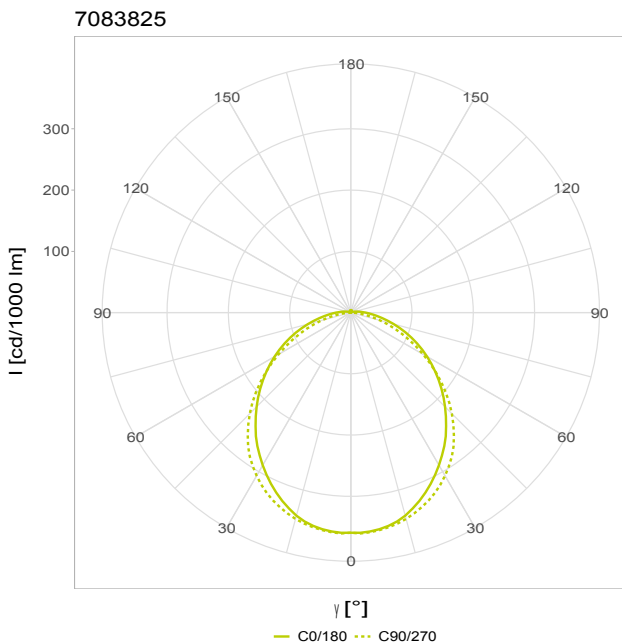
Article-No: 7083825
Surface-mounted luminaires



BERNINA R SKII 1.6m PO 1x41W 105° 5700lm 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 4018098353447
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

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

OUTPUT

Luminous flux	5700 lm
Systempower	41 W
Efficacy	139 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	20 / 21

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	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 7083825NZ
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.

