

Article-No: 7083812

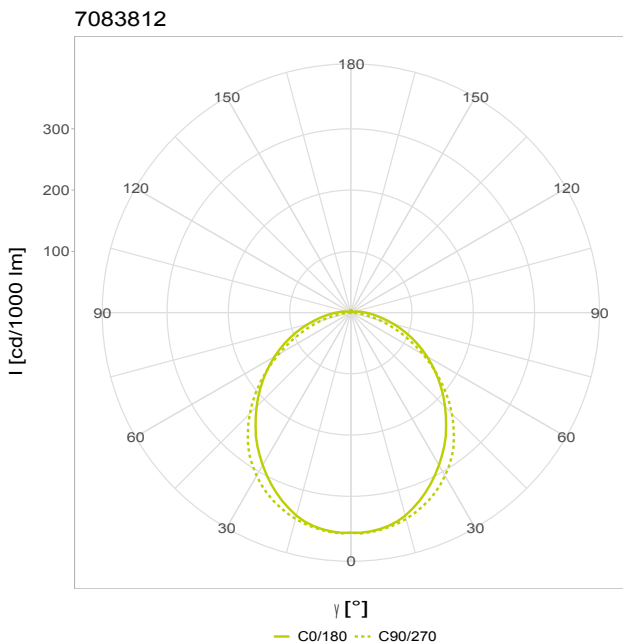
Surface-mounted luminaires



## BERNINA R SKII 71cm PO 1x16W 105° 1800lm 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 4018098353409  
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	No dim function
Filament test	650 °C
Protection class	class II
Circuit Breaker B10A	22 Luminaires
Circuit Breaker B16A	35 Luminaires
Circuit Breaker C10A	36 Luminaires
Circuit Breaker C16A	59 Luminaires
Voltage spike protection U (L-N)	4,0 kV
Through-wiring mm <sup>2</sup>	5x2,5
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	Yes, with article number 7083812NZ
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.

