

Article-No: 5261180

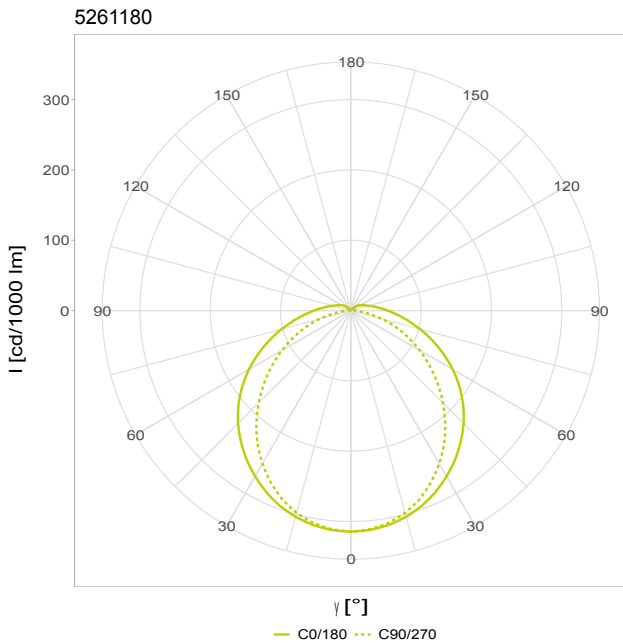
Diffuser luminaires



**LUNA N LED 1.6m LOPRA 1xW  
120° Im 840 DVavailable as  
accessory class I**

Diffuser luminaire with MID-Power LEDs, housing made of grey, glass fibre reinforced polyester, LOPRA cover for glare-free and homogeneous illumination, single LED light points are not visible, seals made of age-resistant silicone foam, clip-lock made of stainless steel, metal gear tray, easy mounting through variable mounting points with PRACHT-CLIP-SYSTEM (stainless steel), suitable for ceiling mounting; pendulum, carrier rail and horizontal wall mounting possible with accessories.

GTIN 4018098221432  
Statistical product number 94054231



**DIMENSIONS AND WEIGHTS**

Length	1578 mm
Width	112 mm
Height	102 mm
Net weight	2,70 kg

**OUTPUT**

Luminous flux	6400 lm
Systempower	40 W
Efficacy	160 lm/W
Energy efficiency class of the light source	C

**ASSEMBLY AND MAINTENANCE**

Optional mounting type	Pendulum mounting, mounting rail, horizontal Wall
Standard mounting	Ceiling

## LIGHT SOURCE

Luminaire type	LED
Number of light sources   LED rows   lamps	1
Colour temperature	4000 K
Colour rendering index	>80
Number of LEDs	120
Standard Deviation of Colour Matching (SDCM)	3
Control gear exchangeable	yes, by qualified person
Light source exchangeable	yes, by qualified person

## LIGHTING ENGINEERING

Light distributor	Diffuser lens/optic/panel
Light distribution angle	120 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	22 / 23

## CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK02
Protection class (IP)	IP66
Use in animal husbandry	not suitable
Vandalism protection	false
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	71294
L80/B50 25°C	>100000
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	61022
L80/B10 25°C	>100000
L70/B10 25°C	>100000
Life expectancy B50 at 35° in hours (h)	
L90/B50 35°C	64398
L80/B50 35°C	>100000
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

## MATERIAL

Cover material	LOPRA
Housing material	GRP polyester
Housing colour	Grey RAL 7035

## TECHNICAL DATA

Dimming type	No dim function
Filament test	650 °C
Protection class	class I
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-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm <sup>2</sup>	available as accessory
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	No
Rated voltage	220–240V 0/50/60 Hz

## PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,67 m
Width	0,12 m
Height	0,10 m
Weight	3,10 kg
VPE 2	
Unit	Pallet
Content quantity	48 Piece
Length	1,66 m
Width	0,80 m
Height	1,10 m
Weight	168,80 kg

## FURTHER PRODUCT INFORMATION

REACH-Info	false
REACH-Listdate	2024-01-23
Market labelling	CE
Product labelling	RoHS, WEEE

## Accessories (optional)

Article-No:	Designation
0604222	Rope-/chain suspension bracket LUNA N made of stainless steel
0604224	Wall mounting clip LUNA N
0604558	Through-wiring 5x1,5mm <sup>2</sup> LUNA N 1578mm, enclosed loosely
0604568	Through-wiring 5x2,5mm <sup>2</sup> LUNA N 1578mm, enclosed loosely

## Spare parts

Article-No:	Designation
0604213	10 Nirosta LUNA N Diffuser Clips stainless steel
0604221	Ceiling mounting -/Clamp LUNA N, 2x ceiling mounting clamp, WITHOUT bracket
0605236	Diffuser LUNA N LED L 1578mm * W 112mm, LOPRA extruded
0690017	Plug Luna N grey

\* 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.

