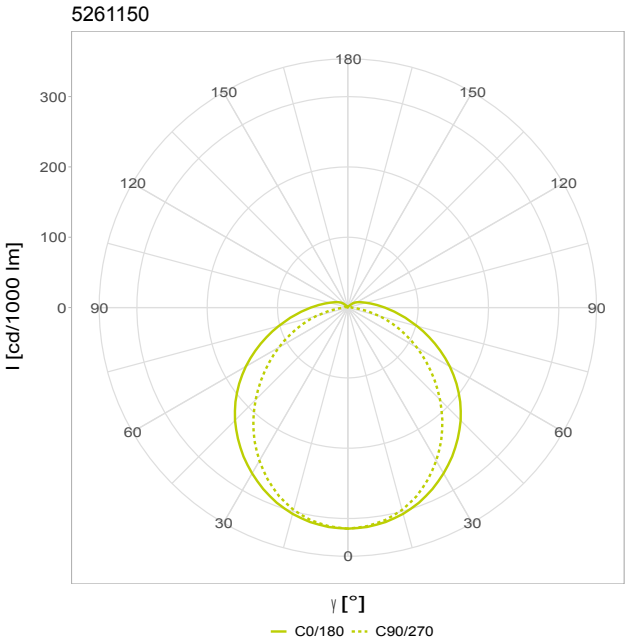
Article-No: 5261150
Diffuser luminaires



LUNA N LED 1.6m LOPRA 1x31W 120° 5000lm 840 TWavailable 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	4018098221425
Statistical product number	94054231



DIMENSIONS AND WEIGHTS

Length	1578 mm
Width	86 mm
Height	94 mm
Net weight	2,50 kg

OUTPUT

Luminous flux	5000 lm
Systempower	31 W
Efficacy	161 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 EGINEERING

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	67127
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

ENEC	ENEC registered
Dimming type	No dim function
Filament test	650 °C
Protection class	class I
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-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm²	available as accessory
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitable (EL)	false
Rated voltage	220–240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,67 m
Width	0,10 m
Height	0,10 m
Weight	2,90 kg
VPE 2	
Unit	Pallet
Content quantity	72 Piece
Length	1,66 m
Width	0,80 m
Height	1,10 m
Weight	228,80 kg

FURTHER PRODUCT INFORMATION

REACH-Info	false
REACH-Listdate	2023-06-29
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 5x1,5mm² LUNA N 1578mm, enclosed loosely
0604568	Through-wiring 5x2,5mm² 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
0605233	Diffuser LUNA N LED L 1578mm * W 86mm, LOPRA extruded
0690017	Plug Luna N grey

* 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. 15.03.2024

Values may be extrapolated differently from TM21.