

Article-No: 5221105

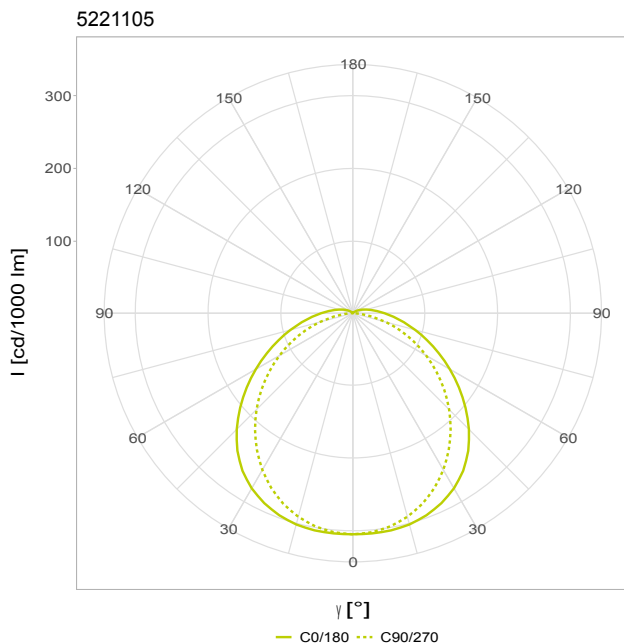
Diffuser luminaires



LUNA ECO SENSOR 1.6m PCO 1xW 120° Im 840 DVwithout class I

Cost-effective diffuser luminaire LUNA ECO SENSOR, BEG-eligible, without DV, with a cover made of impact-resistant opalized polycarbonate and short, age-resistant seals made of silicone. Inexpensive to buy and inexpensive to use: the LUNA ECO is highly efficient with 121 lm/W and is perfect as a simple ceiling luminaire for 1:1 replacement or as a new installation in workshops, corridors, warehouses and other damp rooms - brand manufacturer quality from PRACHT at an uncompromising price. Quick and easy 1-man installation thanks to PRACHT clamp system for variable mounting distances. Standard accessories for optional pendant suspension included. Accessories for 3x1.5mm² through-wiring available separately.

GTIN 4018098430797
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

Length	1585 mm
Width	72 mm
Height	79 mm
Net weight	1,51 kg

OUTPUT

Luminous flux	4700 lm
Systempower	39 W
Efficacy	121 lm/W
Energy efficiency class of the light source	D

ASSEMBLY AND MAINTENANCE

Optional mounting type	Pendulum mounting, Ceiling
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	114
Standard Deviation of Colour Matching (SDCM)	5
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	23 / 24

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	3 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	58346
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 35° in hours (h)	
L80/B50 35°C	70100
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

MATERIAL

Cover material	PCO - Polycarbonate OPAL
Housing material	PC-Polycarbonate
Housing colour	white

TECHNICAL DATA

ENEC	true
Dimming type	No dim function
Filament test	650 °C
Protection class	class I
Circuit Breaker B10A	20 Luminaires
Circuit Breaker B16A	32 Luminaires
Circuit Breaker C10A	34 Luminaires
Circuit Breaker C16A	54 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm ²	without
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	Yes, with article number 5221105NZ
Rated voltage	220-240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,60 m
Width	0,76 m
Height	0,08 m
Weight	1,80 kg
VPE 2	
Unit	Pallet
Content quantity	108 Piece
Length	1,60 m
Width	0,76 m
Height	1,03 m
Weight	211,40 kg

SENSOR

Max. detection range (diameter)	6 m
Max. mounting height of the sensor	3 m

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.

