

Article-No: 5221104

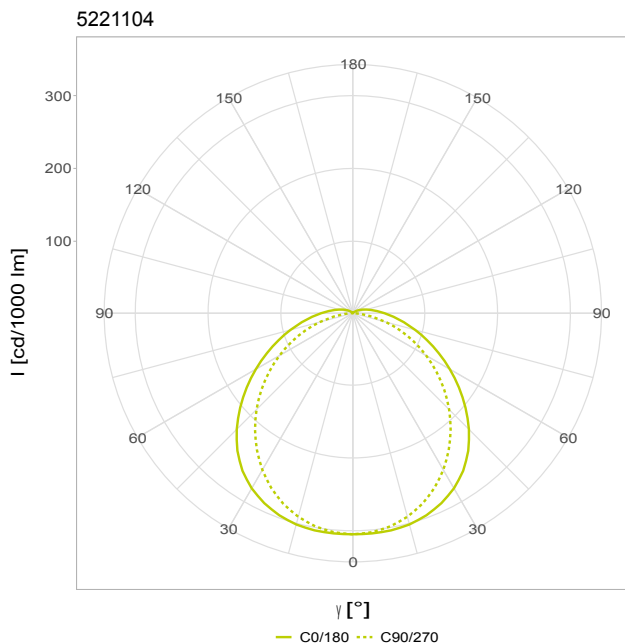
Diffuser luminaires



## LUNA ECO SENSOR 1.3m 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 3x1.5mm<sup>2</sup> through-wiring available separately.

GTIN 4018098430780  
Statistical product number 94054231



### DIMENSIONS AND WEIGHTS

Length	1285 mm
Width	72 mm
Height	79 mm
Net weight	1,21 kg

### OUTPUT

Luminous flux	3400 lm
Systempower	28 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	84
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

## MATERIAL

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

## 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	71880
L80/B50 25°C	>100000
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	57489
L80/B10 25°C	>100000
L70/B10 25°C	>100000
Life expectancy B50 at 35° in hours (h)	
L90/B50 35°C	58346
L80/B50 35°C	>100000
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

## TECHNICAL DATA

ENECEC	true
Dimming type	No dim function
Filament test	650 °C
Protection class	class I
Circuit Breaker B10A	21 Luminaires
Circuit Breaker B16A	34 Luminaires
Circuit Breaker C10A	36 Luminaires
Circuit Breaker C16A	57 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>	without
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	Yes, with article number 5221104NZ
Rated voltage	220-240V 0/50/60 Hz

## 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.



## PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,30 m
Width	0,76 m
Height	0,08 m
Weight	1,43 kg
VPE 2	
Unit	Pallet
Content quantity	108 Piece
Length	1,30 m
Width	0,76 m
Height	1,03 m
Weight	171,44 kg

## SENSOR

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