

Article-No: 5221104

Diffuser luminaires

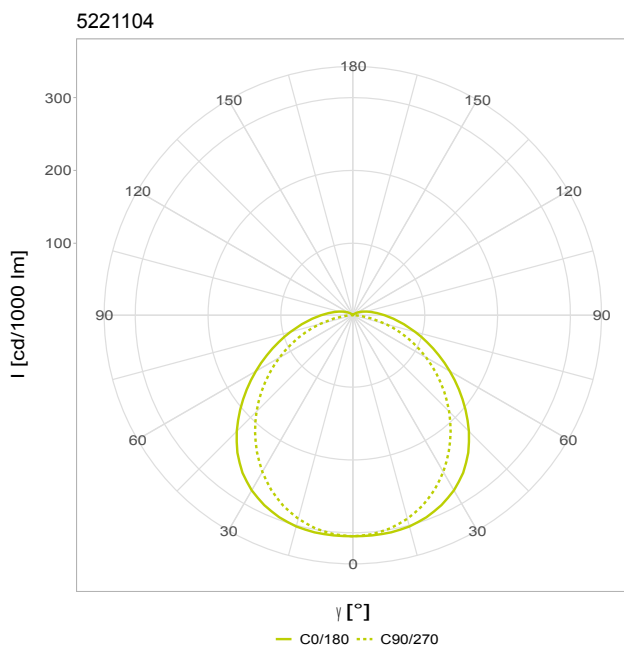


LUNA ECO SENSOR 1.3m PCO 1x28W 120° 3400lm TWwithout class I

LUNA ECO SENSOR 1285mm PCO 1x28W 120° 3400lm, 4.000K, class I, without TW. The inexpensive LUNA ECO diffuser luminaire offers highly efficient lighting with an impact-resistant opalized polycarbonate cover and age-resistant silicone seals. Ideal for 1:1 replacement or as a new installation in workshops, corridors and damp rooms. With simple PRACHT CLAMP SYSTEM.

- Light for everyday life
- EASY. ECONOMIC EFFICIENT.
- Ideal for garages, cellars, warehouses and workshops
- 3-pin TW sets available as accessories
- Simple 1:1 replacement for fluorescent tubes

GTIN 4018098430780
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

Length	1285 mm
Width	74 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

ENEC	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 mm²	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

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,30 m
Width	0,08 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

FURTHER PRODUCT INFORMATION

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

Accessories (optional)

Article-No:	Designation
5552134	TW 3x1,5mm² Set LUNA ECO 1,2M

* 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. 15.04.2025

Values may be extrapolated differently from TM21.

