

Article-No: 5211012

Diffuser luminaires

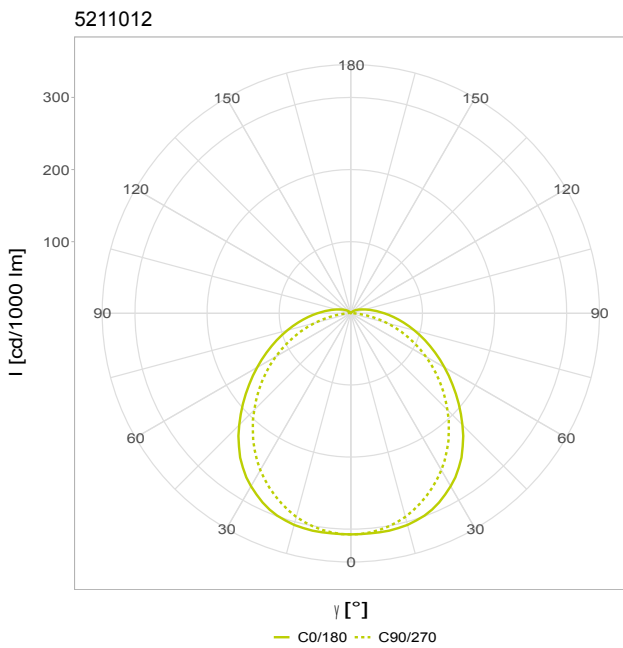


**LUNA BL 60cm PCO 1x20W 120°  
2500lm 840 TWwithout**

Wet room diffuser luminaire made of white polycarbonate (IK08, impact resistant) with quick mounting solution. Due to the smart setting, the time for installation will be reduced. The LED board is integrated into the diffuser and sealing around is out of age resistant silicone. Suitable for ceiling-, pendulum and horizontal wall mounting, accessories for mounting rail installation available for order. Through-wiring possible.

GTIN 4018098369332

Statistical product number 94054231



**DIMENSIONS AND WEIGHTS**

Length	600 mm
Width	90 mm
Height	80 mm
Net weight	1,20 kg

**OUTPUT**

Luminous flux	2500 lm
Systempower	20 W
Efficacy	125 lm/W
Energy efficiency class of the light source	D

## ASSEMBLY AND MAINTENANCE

Optional mounting type	mounting rail, Pendulum mounting, 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	54
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	24 / 25

## 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	5 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 40° in hours (h)	
L80/B50 40°C	58116
L70/B50 40°C	88486
max. lowest temperature	-20 °C
max. highest temperature	40 °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	850 °C
Protection class	class I
Circuit Breaker B10A	42 Luminaires
Circuit Breaker B16A	67 Luminaires
Circuit Breaker C10A	70 Luminaires
Circuit Breaker C16A	112 Luminaires
Voltage spike protection U (L-PE)	1,0 kV
Voltage spike protection U (L-N)	0,5 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
Rated voltage	220-240V 0/50/60 Hz

## PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	0,61 m
Width	0,09 m
Height	0,08 m
Weight	1,50 kg
VPE 2	
Unit	Pallet
Content quantity	192 Piece
Length	1,20 m
Width	0,80 m
Height	1,10 m
Weight	298,00 kg

## FURTHER PRODUCT INFORMATION

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

## Accessories (optional)

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Article-No:	Designation
5552100	choke plug LUNA BL Series
5552101	Extra mountingset LUNA BL. Ceiling, pendant and trunking rail mounting
5552155	TW 5x2,5mm <sup>2</sup> Set LUNA BL/PRO 1,5M

\* 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.

