

Article-No: 5211004B

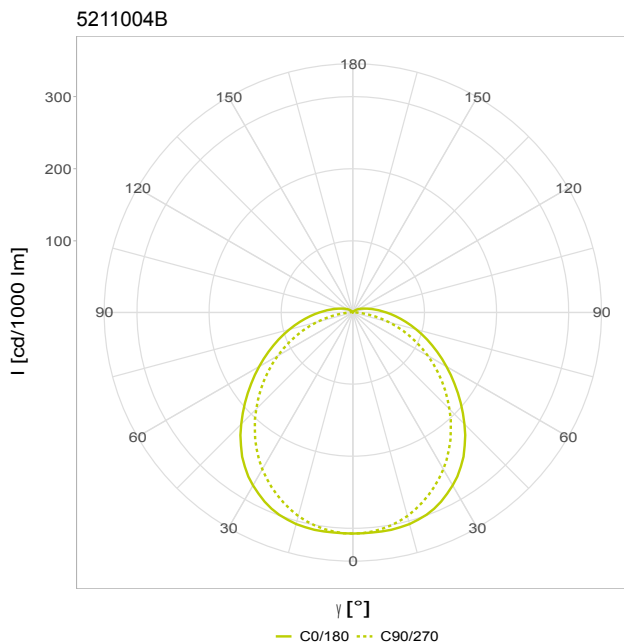
Diffuser luminaires



## LUNA BL 1.2m PCO 1x20W 120° 2800lm 840 TW available as accessory

Luminaire LUNA BL 1200mm PCO 1x20W 2800lm, SK I, IP65, high efficiency LEDs, wide beam, 4.000K, Ra= >80, Ta:-20°C/35°C, housing made of PC-polycarbonate and cover made of PC-OPAL, EAN/GTIN:4018098387091. LED damp-proof diffuser luminaire, made of white polycarbonate (IK08, impact resistant) with proven silicone foam gasket. LED carrier is integrated in the cover. Through-wiring possible with optional accessories. Particularly fast and convenient installation thanks to PRACHT-KLAMMERSYSTEM and variable mounting distances. Suitable for ceiling, horizontal wall, pendant and mounting rail installation. Optimized for parking garages, basements and workshops. Light colors, control, emergency lighting modules, cable inlets and much more - we configure in the PRO LINE according to your requirements.

GTIN 4018098387091  
Statistical product number 94054231



## DIMENSIONS AND WEIGHTS

Length	1200 mm
Width	90 mm
Height	80 mm
Net weight	1,60 kg

## ASSEMBLY AND MAINTENANCE

Optional mounting type	mounting rail, Pendulum mounting, horizontal Wall
Standard mounting	Ceiling

## OUTPUT

Luminous flux	2800 lm
Systempower	20 W
Efficacy	140 lm/W
Energy efficiency class of the light source	C

## MATERIAL

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

## LIGHT SOURCE

Luminaire type	LED
Number of light sources   LED rows   lamps	1
Colour temperature	4000 K
Colour rendering index	>80
Number of LEDs	93
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	22 / 23

## 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	71900
L80/B50 25°C	100000
L70/B50 25°C	100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	57500
L80/B10 25°C	100000
L70/B10 25°C	100000
Life expectancy B50 at 35° in hours (h)	
L90/B50 35°C	71900
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	850 °C
Protection class	class I
Circuit Breaker B10A	25 Luminaires
Circuit Breaker B16A	40 Luminaires
Circuit Breaker C10A	41 Luminaires
Circuit Breaker C16A	66 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>	available as accessory
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	1,21 m
Width	0,09 m
Height	0,08 m
Weight	1,90 kg
VPE 2	
Unit	Pallet
Content quantity	96 Piece
Length	1,20 m
Width	0,80 m
Height	1,10 m
Weight	202,40 kg

## FURTHER PRODUCT INFORMATION

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.

