

Article-No: 5291000x01

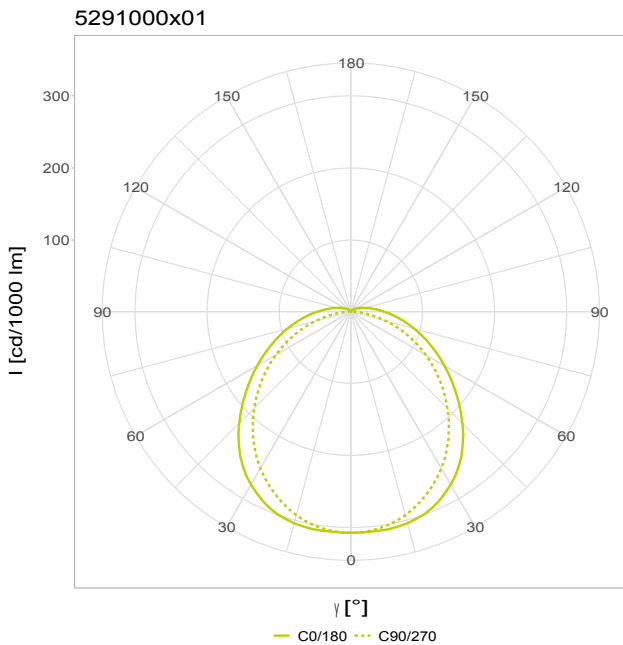
Diffuser luminaires



## LUNA PRO XLS C DM 1.5m PCO 1x27W 120° Im 840 DVavailable as accessory class I

Versatile LED damp-proof luminaire made of white polycarbonate (IK 08, impact resistant) with innovative, particularly fast mounting. Due to its smart structure the time of installation is reduced by one third. The LED carrier is integrated into the cover. Includes the proven silicone seals. Suitable for ceiling-, pendulum- and vertical wall mounting, trunking rail mounting available with accessories. Now also available as XLS series extension. eXtended Lighting Solutions by PRACHT. Connected by Bluetooth Low Energy and manageable with

GTIN 4018098339311  
Statistical product number 94054231



### DIMENSIONS AND WEIGHTS

Length	1500 mm
Width	90 mm
Height	80 mm
Net weight	2,10 kg

### OUTPUT

Luminous flux	3800 lm
Systempower	27 W
Efficacy	141 lm/W
Energy efficiency class of the light source	D

### ASSEMBLY AND MAINTENANCE

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

### 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	126
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)	
L80/B50 25°C	84160
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L80/B10 25°C	84160
L70/B10 25°C	>100000
Life expectancy B50 at 35° in hours (h)	
L80/B50 35°C	58116
L70/B50 35°C	88486
max. lowest temperature	-20 °C
max. highest temperature	35 °C

## TECHNICAL DATA

Dimming type	Dimming DALI Dimming DALI Dimming DALI-2 Manufacturer-specific dimming
Filament test	850 °C
Protection class	class I
Circuit Breaker B10A	13 Luminaires
Circuit Breaker B16A	22 Luminaires
Circuit Breaker C10A	21 Luminaires
Circuit Breaker C16A	36 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	According to area of application
Emergency light suitability of the luminaire	Yes, with article number 5291000x01NZ
Rated voltage	220-240V 0/50/60 Hz

## PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,50 m
Width	0,09 m
Height	0,08 m
Weight	2,40 kg
VPE 2	
Unit	Pallet
Content quantity	96 Piece
Length	1,50 m
Width	0,80 m
Height	1,10 m
Weight	250,40 kg

## WIRELESS LIGHTING CONTROL

radio standard	Casambi
radio distance maximum	25,00 m
controllable dali luminaires	24

## FURTHER PRODUCT INFORMATION

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

## Accessories (optional)

Article-No:	Designation
5552155	TW 5x2,5mm <sup>2</sup> Set LUNA BL/PRO 1,5M
9800002	XLS CC SWITCH- Extension of a traditional wall switch
9800003	XLS CC CONTROLLER wireless button user interface (battery powered 8 buttons)
9800004	XLS CCS ASYM - Daylight and movement detector (infrared)
9800005	XLS CCS HRO - Daylight and movement detector (infrared)
9800007	XLS CCS HF (High-Frequency)

\* 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.

