

Article-No: 5291100x01

Diffuser luminaires

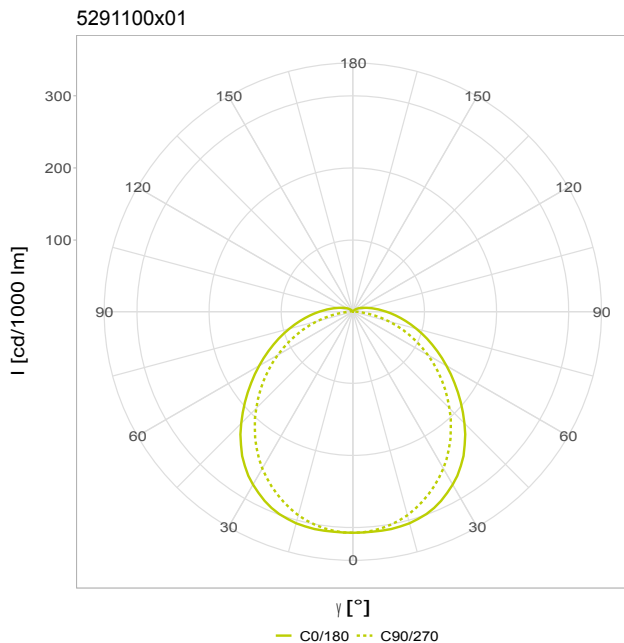


LUNA PRO INDUSTRY XLS C DM 1.5m PCO 1xW 120° Im 840 DV available as accessory class I

Versatile LED damp-proof luminaire made of white polycarbonate (IK 08, impact resistant) with innovative, particularly fast mounting. Specifically manufactured for the use in industrial areas with higher technical standards. 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 4018098339281

Statistical product number 94054231



DIMENSIONS AND WEIGHTS

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

ASSEMBLY AND MAINTENANCE

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

OUTPUT

Luminous flux	3800 lm
Systempower	27 W
Efficacy	141 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	180
Standard Deviation of Colour Matching (SDCM)	3
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	54955
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 35° in hours (h)	
L80/B50 35°C	98688
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

TECHNICAL DATA

Dimming type	Dimming DALI Dimming DALI-2
Filament test	850 °C
Protection class	class I
Circuit Breaker B10A	7 Luminaires
Circuit Breaker B16A	12 Luminaires
Circuit Breaker C10A	14 Luminaires
Circuit Breaker C16A	24 Luminaires
Voltage spike protection U (L-PE)	4,0 kV
Voltage spike protection U (L-N)	4,0 kV
Through-wiring mm ²	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 5291100x01NZ
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
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.

