

Article-No: 5291130

Diffuser luminaires

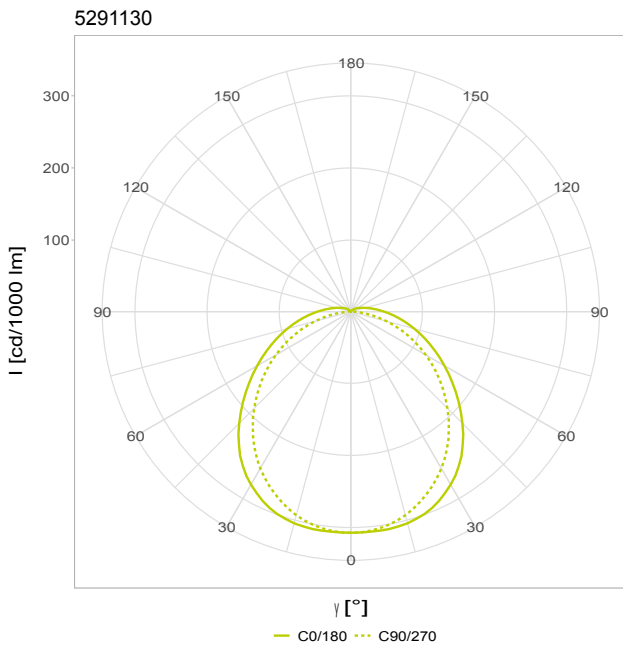


**LUNA PRO INDUSTRY DALI  
1.5m PCO 1xW 120° Im 840  
DV available as accessory class I**

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 ac

GTIN 4018098345602

Statistical product number 94054231



**DIMENSIONS AND WEIGHTS**

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

**OUTPUT**

Luminous flux	11000 lm
Systempower	72 W
Efficacy	153 lm/W
Energy efficiency class of the light source	C

**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	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	26 / 27

## 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	91731
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L80/B10 25°C	91731
L70/B10 25°C	>100000
Life expectancy B50 at 35° in hours (h)	
L80/B50 35°C	84989
L70/B50 35°C	>100000
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	17 Luminaires
Circuit Breaker B16A	22 Luminaires
Circuit Breaker C10A	28 Luminaires
Circuit Breaker C16A	36 Luminaires
Voltage spike protection U (L-PE)	4,0 kV
Voltage spike protection U (L-N)	4,0 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 5291130NZ
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

## FURTHER PRODUCT INFORMATION

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

\* 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.

