

Article-No: 7283630x01

Round tube luminaire



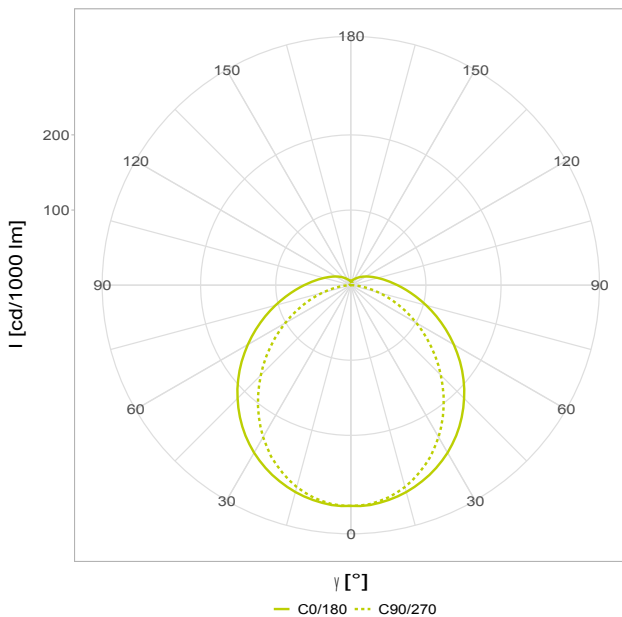
TUBIS N LED XLS C DM 1.6m PO 1x47W 125° 6700lm 840 TW3x2,5+2x1,5 class I

LED tubular luminaire with MID-Power LEDs, mounted in one row, converter inside the luminaire, diameter 90mm, tubular housing made of PRACHTOPAL (PMMA, impact resistant), luminaire rotatable 360°, essentially fully resistant against acids and alkalis, short, age resistant silicone seals, variable mounting points through PRACHT stainless steel clips, suitable for ceiling, horizontal and vertical wall mounting, accessories for pendant and mounting rail installation available for order, can be used in unprotected outdoor areas. Now also available as XLS series extension. eXtended Lighting Solutions by PRACHT. Connected by Bluetooth Low Energy and manageable with Casambi. The DALI-Master luminaire contains its own module, allowing it to manage up to 15 further standard DALI luminaires.

GTIN 4018098330325

Statistical product number 94054231

7283630x01



DIMENSIONS AND WEIGHTS

Length	1575 mm
Width	90 mm
Height	105 mm
Net weight	4,00 kg

OUTPUT

Luminous flux	6700 lm
Systempower	47 W
Efficacy	143 lm/W
Energy efficiency class of the light source	C

ASSEMBLY AND MAINTENANCE

Optional mounting type	Pendulum mounting, horizontal Wall, vertical 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	120
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	125 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	22 / 25

MATERIAL

Cover material	PO - PRACHTOPAL
Housing material	PRACHTOPAL
Housing colour	opalized

CAPACITY

outdoor area	Unprotected outdoor area in the direct vicinity of the building with cable entry from below or from the side
Rebuildable	false
IK-Impact resistance	IK08
Protection class (IP)	IP66, IP68 (2m), IPX9, IPX9K
Use in animal husbandry	with limitation
Vandalism protection	false
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	71294
L80/B50 25°C	>100000
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	61022
L80/B10 25°C	>100000
L70/B10 25°C	>100000
Life expectancy B50 at 35° in hours (h)	
L90/B50 35°C	64398
L80/B50 35°C	>100000
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

TECHNICAL DATA

Dimming type	Dimming DALI Dimming DALI-2 Manufacturer-specific dimming
Filament test	650 °C
Protection class	class I
Circuit Breaker B10A	15 Luminaires
Circuit Breaker B16A	24 Luminaires
Circuit Breaker C10A	24 Luminaires
Circuit Breaker C16A	40 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm ²	3x2,5+2x1,5
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	true
Emergency light suitability of the luminaire	Yes, with article number 7283630x01NZ
Rated voltage	220-240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,85 m
Width	0,10 m
Height	0,09 m
Weight	4,20 kg
VPE 2	
Unit	Pallet
Content quantity	60 Piece
Length	1,90 m
Width	0,80 m
Height	1,20 m
Weight	272,00 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)

The right of error and later technical developments is reserved. 15.08.2024

Values may be extrapolated differently from TM21.

