

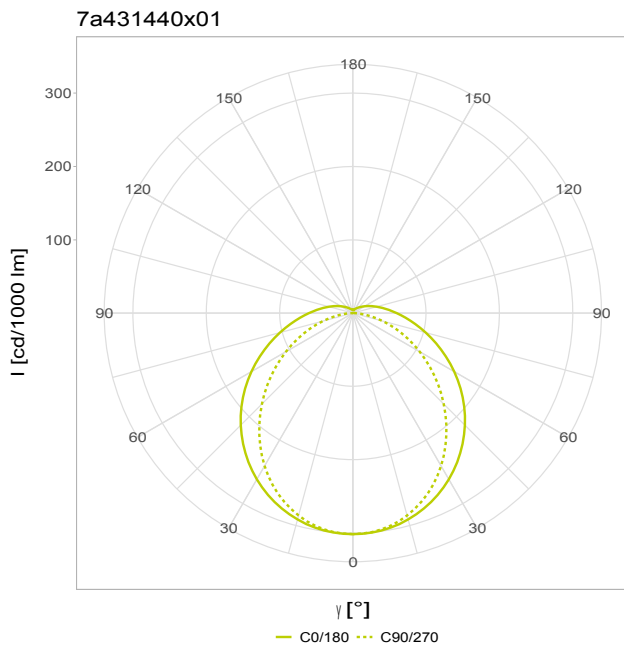
Article-No: 7a431440x01

Round tube luminaire



## TUBIS LED INDUSTRY XLS C DM 1.6m PO 1x48W 125° 7900lm 840 TW3x2,5+2x1,5 class I

Tubular lamp highest industry demands made of impact resistant PRACHTOPAL® or polycarbonate (clear). Pressurised-water resistant tube, substantially acid and alkali resistant, diameter 90mm. Integrated robust industry LED driver. Homogeneous light output due to smart MID-Power LED layout. Several light output angles available thanks to linear lens system. Optimized thermal management due to X-Wing cooling profile. Through-wiring up to maximum 5x2.5mm<sup>2</sup> available. Short ageing-resistant silicone seals. Ingress protection IP66/IP68(2m)/IPX9K. Variable mounting points using stainless steel PRACHT tube clips, suitable for ceiling-, horizontal and vertical wall mounting, accessories for pendant and mounting rail installation available for order. 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 4018098330509

Statistical product number 94054231

## DIMENSIONS AND WEIGHTS

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

## OUTPUT

Luminous flux	7900 lm
Systempower	48 W
Efficacy	165 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	180
Standard Deviation of Colour Matching (SDCM)	3
Control gear exchangeable	yes, by qualified person
Light source exchangeable	yes, by manufacturer

## LIGHTING ENGINEERING

Light distributor	Diffuser lens/optic/panel
Light distribution angle	125 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	23 / 26

## 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	not suitable
Vandalism protection	false
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	73730
L80/B50 25°C	>100000
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	59851
L80/B10 25°C	>100000
L70/B10 25°C	>100000
Life expectancy B50 at 40° in hours (h)	
L90/B50 40°C	62816
L80/B50 40°C	>100000
L70/B50 40°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	40 °C

## TECHNICAL DATA

Dimming type	Dimming DALI Dimming DALI Dimming DALI-2 Manufacturer-specific dimming
Filament test	650 °C
Protection class	class I
Circuit Breaker B10A	11 Luminaires
Circuit Breaker B16A	18 Luminaires
Circuit Breaker C10A	18 Luminaires
Circuit Breaker C16A	30 Luminaires
Voltage spike protection U (L-PE)	4,0 kV
Voltage spike protection U (L-N)	2,0 kV
Through-wiring mm <sup>2</sup>	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 7a431440x01NZ
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.

