

Article-No: 7a831445

Round tube luminaire

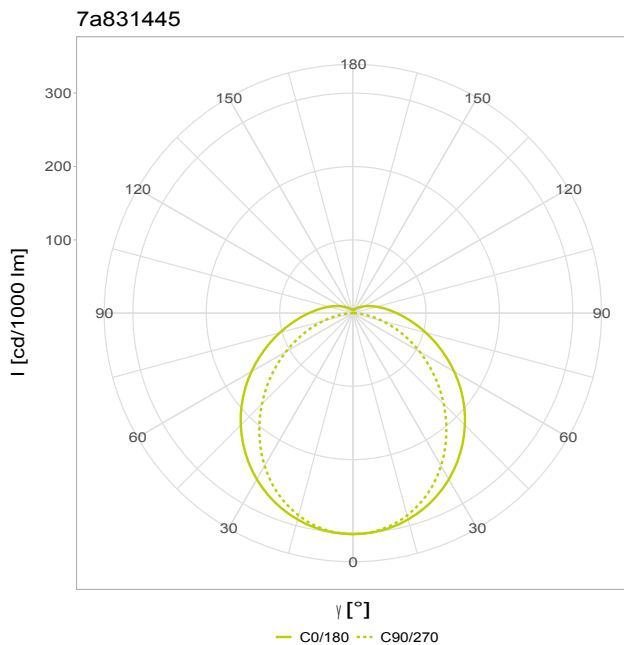


TUBIS LED INDUSTRY 1.6m PO 1x48W 125° 7900lm 840 TW5x2,5 class I

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 5x2.5mm² 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.

GTIN 4018098287384

Statistical product number 94054231



DIMENSIONS AND WEIGHTS

Length	1575 mm
Width	90 mm
Height	105 mm
Net weight	4,20 kg

ASSEMBLY AND MAINTENANCE

Optional mounting type	Pendulum mounting, horizontal Wall, vertical wall
Standard mounting	Ceiling

OUTPUT

Luminous flux	7900 lm
Systempower	48 W
Efficacy	165 lm/W
Energy efficiency class of the light source	C

MATERIAL

Cover material	PO - PRACHTOPAL
Housing material	PRACHTOPAL
Housing colour	opalized

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

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 50° in hours (h)	
L90/B50 50°C	54955
L80/B50 50°C	>100000
L70/B50 50°C	>100000
max. lowest temperature	-30 °C
max. highest temperature	50 °C

TECHNICAL DATA

ENEC	true
Dimming type	No dim function
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 ²	5x2,5
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	true
Emergency light suitability of the luminaire	Yes, with article number 7a831445NZ
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	4,40 kg
VPE 2	
Unit	Pallet
Content quantity	60 Piece
Length	1,90 m
Width	0,80 m
Height	1,20 m
Weight	284,00 kg

FURTHER PRODUCT INFORMATION

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

Accessories (optional)

Article-No: Designation

0706040	Pendulum mounting set Tubis, V2A clamp for pendulum mounting (2 pieces)
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Spare parts

Article-No: Designation

0694038	Mounting clip TUBIS V2A complete
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The right of error and later technical developments is reserved. 15.08.2024

Values may be extrapolated differently from TM21.

