

Article-No: 7a042430

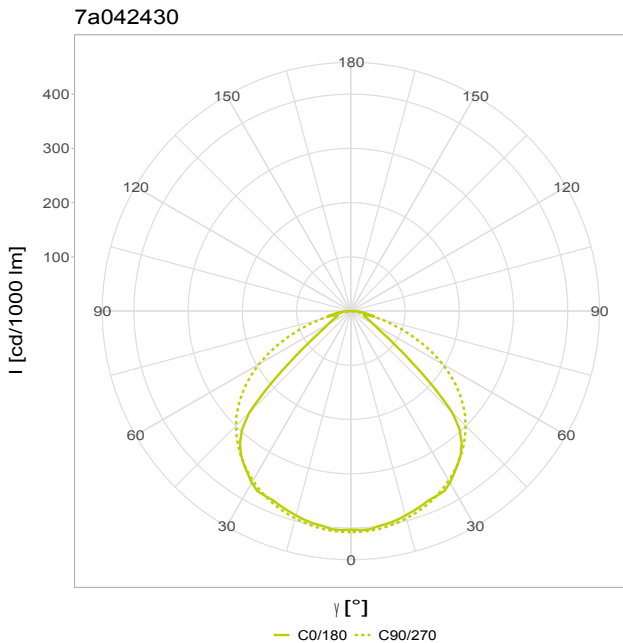
Round tube luminaire



**TUBIS LED INDUSTRY DALI 1.6m  
PC 1x44W 095° 6900lm 840  
TWwithout 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.

GTIN 4018098286998  
Statistical product number 94054231



**DIMENSIONS AND WEIGHTS**

Length	1550 mm
Width	90 mm
Height	105 mm
Net weight	4,60 kg

**OUTPUT**

Luminous flux	6900 lm
Systempower	44 W
Efficacy	157 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

**MATERIAL**

Cover material	PC - Polycarbonate
Housing material	PC-Polycarbonate
Housing colour	clear

## 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	Refractor lens
Light distribution angle	95 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	24 / 20

## 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	57640
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	Dimming DALI Dimming DALI-2
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)	4,0 kV
Voltage spike protection U (L-N)	2,0 kV
Through-wiring mm <sup>2</sup>	without
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	true
Emergency light suitability of the luminaire	Yes, with article number 7a042430NZ
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	4,80 kg
VPE 2	
Unit	Pallet
Content quantity	60 Piece
Length	1,90 m
Width	0,80 m
Height	1,20 m
Weight	308,00 kg

## FURTHER PRODUCT INFORMATION

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

## Accessories (optional)

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Article-No: Designation

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

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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.

