

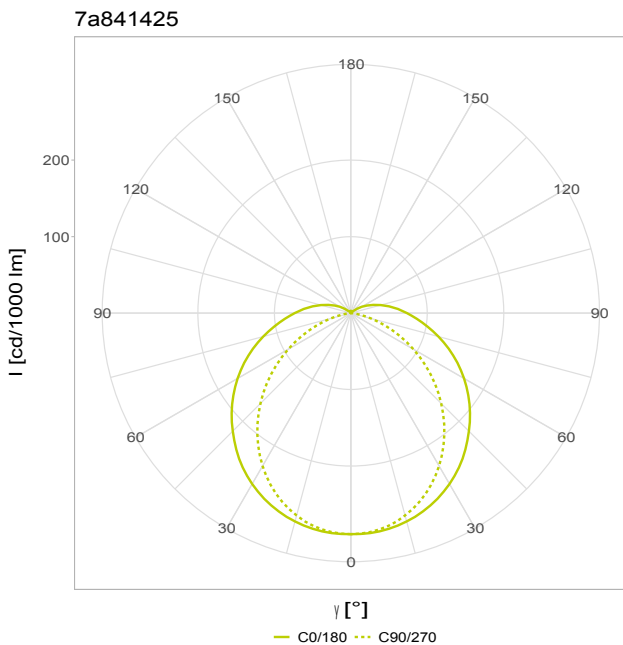
Article-No: 7a841425
 Round tube luminaire



**TUBIS LED INDUSTRY 1.6m
 PC 1x36W 135° 5800lm 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 4018098287285
 Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1575 mm |
| Width | 90 mm |
| Height | 105 mm |
| Net weight | 4,80 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 5800 lm |
| Systempower | 36 W |
| Efficacy | 161 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 | 135 ° |
| Light distribution | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 21 / 25 |

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 | 62816 |
| 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 7a841425NZ |
| 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 | 5,00 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 60 Piece |
| Length | 1,90 m |
| Width | 0,80 m |
| Height | 1,20 m |
| Weight | 320,00 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) |
|---------|---|

Spare parts

Article-No: Designation

| | |
|---------|----------------------------------|
| 0694038 | Mounting clip TUBIS V2A complete |
|---------|----------------------------------|

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

Values may be extrapolated differently from TM21.

