

Article-No: 7a042424

Round tube luminaire

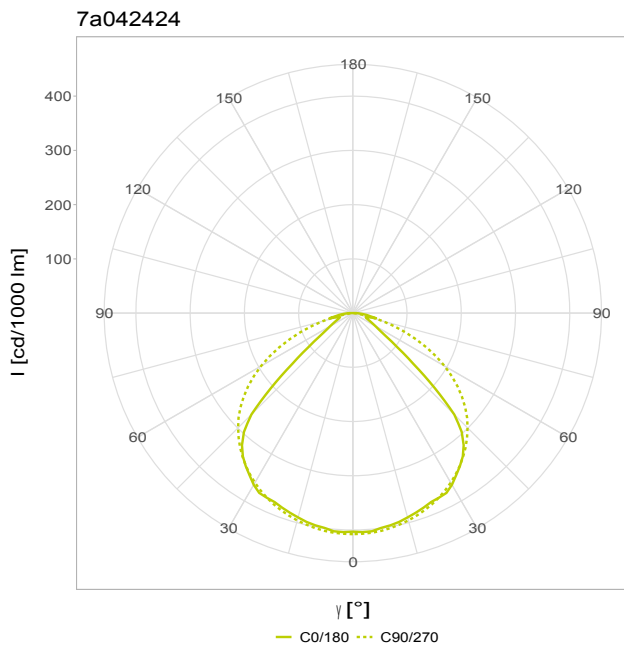


## TUBIS LED INDUSTRY 1.3m PC 1x29W 095° 4600lm 840 TWwithout class I

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 4018098286684

Statistical product number 94054231



## DIMENSIONS AND WEIGHTS

|            |         |
|------------|---------|
| Length     | 1270 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                               | 4600 lm  |
| Systempower                                 | 29 W     |
| Efficacy                                    | 159 lm/W |
| Energy efficiency class of the light source | C        |

## 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                               | 144                      |
| 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 | 23 / 19        |

## 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                         | 20 Luminaires                       |
| Circuit Breaker B16A                         | 32 Luminaires                       |
| Circuit Breaker C10A                         | 33 Luminaires                       |
| Circuit Breaker C16A                         | 53 Luminaires                       |
| Voltage spike protection U (L-PE)            | 4,0 kV                              |
| Voltage spike protection U (L-N)             | 4,0 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 7a042424NZ |
| Rated voltage                                | 220-240V 0/50/60 Hz                 |

## PACKAGING

|                  |           |
|------------------|-----------|
| VPE 1            |           |
| Unit             | Carton    |
| Content quantity | 1 Piece   |
| Length           | 1,55 m    |
| Width            | 0,10 m    |
| Height           | 0,09 m    |
| Weight           | 4,40 kg   |
| VPE 2            |           |
| Unit             | Pallet    |
| Content quantity | 60 Piece  |
| Length           | 1,70 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)

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Article-No: Designation

|         |   |
|---------|---|
| 0706040 | Pendulum mounting set Tubis, V2A clamp for pendulum mounting (2 pieces) |
|---------|---|

## Spare parts

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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.

