

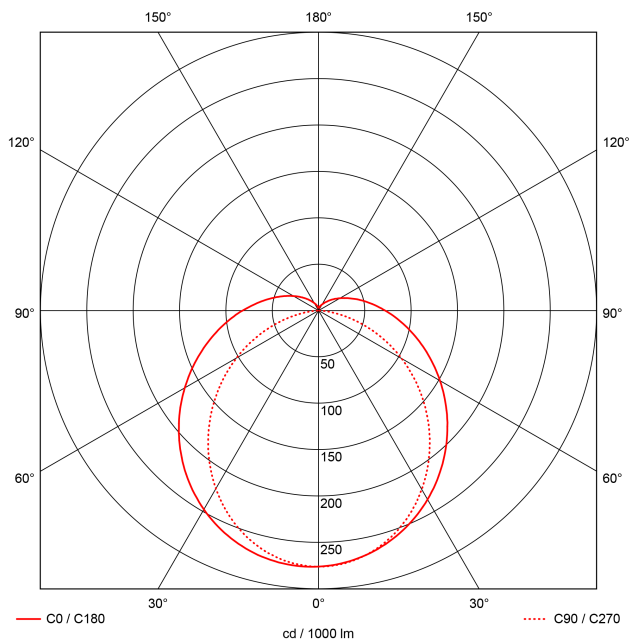
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Tubular Luminaires

## Luminaire TUBIS BL 1629mm PO 1x24W 120° 3800lm



LED tubular luminaire with a 70mm diameter housing made of co extruded PMMA (impact resistant IK06). Extreme short silicone seals with welded end caps, 3x1.5mm<sup>2</sup> through-wiring built-in ex-factory. Quick and easy installation with simplified cable junction and stainless-steel rings, suitable for ceiling, horizontal and vertical wall installation, accessories for pendant and mounting rail installation available for order. Suitable for unprotected outdoor areas and approved for the demanding surroundings of agricultural livestock keeping.



EAN

**4018098361701**

Statistical product number

**94054039**

## Lamp

|                                   |               |
|-----------------------------------|---------------|
| Product type                      | <b>LED</b>    |
| Number of lamps /LED-rows         | <b>1</b>      |
| Color temperature K               | <b>4.000</b>  |
| Color rendering index             | <b>&gt;80</b> |
| Amount LED                        | <b>312</b>    |
| Color tolerance (initial MacAdam) | <b>5</b>      |

## Power

|                  |             |
|------------------|-------------|
| Luminous flux lm | <b>3800</b> |
| Systempower W    | <b>24</b>   |
| Efficacy lm/W    | <b>158</b>  |

## Light engineering

|                                       |                    |
|---------------------------------------|--------------------|
| Light distributor                     |                    |
| Light distribution                    | <b>wide beam</b>   |
| Light distribution angle in °         | <b>120</b>         |
| Unified Glare Rating UGR 4H 8H C0 C90 | <b>23.8 / 21.2</b> |

## Technical data

|                                   |                             |
|-----------------------------------|-----------------------------|
| Nominal voltage                   | <b>220-240V 0/50/60 Hz</b>  |
| Protection class SK               | <b>I</b>                    |
| Ballast                           | <b>LED-converter on/off</b> |
| Through-wiring mm <sup>2</sup>    | <b>3x1,5</b>                |
| Glow wire test                    | <b>650 °C - 5 sec.</b>      |
| D-rating                          | <b>yes</b>                  |
| Certification mark                | <b>ENEC</b>                 |
| Type of voltage                   | <b>AC/DC</b>                |
| Circuit breaker B10A              | <b>7</b>                    |
| Circuit breaker B16A              | <b>12</b>                   |
| Circuit breaker C10A              | <b>12</b>                   |
| Circuit breaker C16A              | <b>20</b>                   |
| Voltage spike protection U (L-N)  | <b>1</b>                    |
| Voltage spike protection U (L-PE) | <b>2</b>                    |

## Capacity

|                                 |                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------|
| IK-Impact resistance            | <b>06</b>                                                                                                            |
| Warranty (years)                | <b>3</b>                                                                                                             |
| L70/B10 Life expectancy at 25°C | <b>100000</b>                                                                                                        |
| L70/B50 Life expectancy at 25°C | <b>100000</b>                                                                                                        |
| L80/B10 Life expectancy at 25°C | <b>92000</b>                                                                                                         |
| L80/B50 Life expectancy at 25°C | <b>100000</b>                                                                                                        |
| L90/B10 Life expectancy at 25°C | <b>44000</b>                                                                                                         |
| L90/B50 Life expectancy at 25°C | <b>49000</b>                                                                                                         |
| Outdoor areas                   | <b>Suitable for unprotected outdoor area if within close building proximity with cable entry bottom- or sidewise</b> |
| max. lowest temperature in °C   | <b>-20</b>                                                                                                           |
| max. highest temperature in °C  | <b>40</b>                                                                                                            |
| Ingress protection class        | <b>67/69K</b>                                                                                                        |
| Agricultural use                | <b>without limitations</b>                                                                                           |

## Dimensions and weight

|                        |             |
|------------------------|-------------|
| Length mm              | <b>1629</b> |
| Width mm               | <b>81</b>   |
| Height mm              | <b>80</b>   |
| Outside diameter in mm | <b>70</b>   |
| Weight netto in kg     | <b>2.2</b>  |

## Packaging

|                     |              |
|---------------------|--------------|
| PU 1 piece          | <b>Box</b>   |
| Length m PU1        | <b>1.694</b> |
| Width m PU1         | <b>0.1</b>   |
| Height m PU1        | <b>0.08</b>  |
| Gross weight kg PU1 | <b>2.5</b>   |

## Assembly and maintenance

|                        |                                              |
|------------------------|----------------------------------------------|
| Standard installation  | <b>Ceiling, horizontal and vertical wall</b> |
| Optional installation  | <b>Pendulum, Rail installation</b>           |
| exchangeable LED board | <b>not possible</b>                          |

## Material

|                              |                  |
|------------------------------|------------------|
| Case color                   | <b>opal</b>      |
| Renewable resources possible | <b>no</b>        |
| Housing material             | <b>PMMA-OPAL</b> |
| Cover material               | <b>PMMA-OPAL</b> |

The right of error and later technical developments is reserved.

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