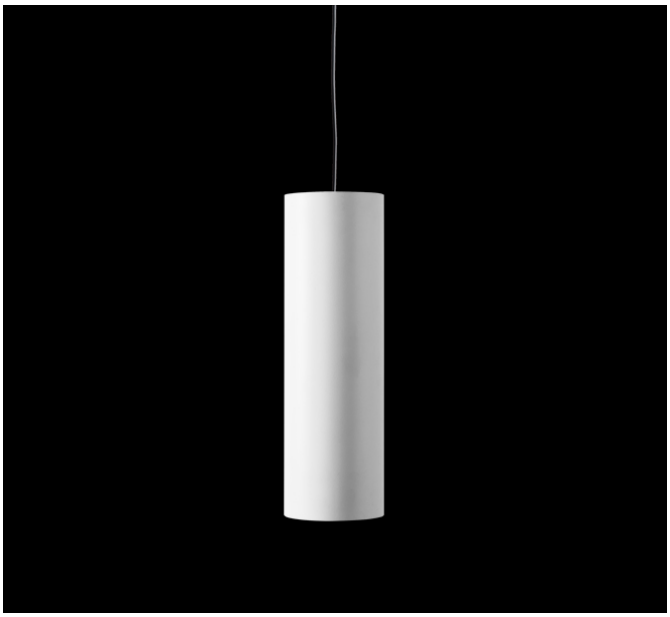
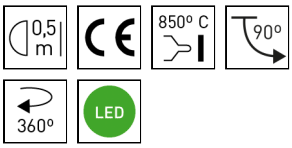


## Decorative and minimalist luminaire with neutral aesthetic from the TROLL family Tubular LED.

### DESCRIPTION

**Decorative and minimalist luminaire with neutral aesthetic from the TROLL family Tubular LED setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000º K (neutral white) optimised to be used as general lighting of commercial or domestic areas, as well as contract spaces where aesthetic and design were a relevant requirement. Designed for Ceiling suspended installation. Luminaire body built in extruded aluminium finished in white with orange interior Luminaire built-in an high purity aluminium reflector with tempered protection glass with an angle beam of 36º. Luminaire sets a 25 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 2750 Lm, with an efficiency of 94,8 Lm/W and a total consumption of 29 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear ON/OF fed at 220-240V; 50/60 Hz.**

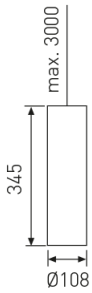
| | |
|---|---|
| Item code | 11.2645.4431.63 |
| Product type | IN |
| Category | Surface Downlights |
| Family | Tubular-S |
| Subfamily | Tubular M |
| Materials | Luminaire body built in extruded aluminium. |
| Optical system | Luminaire built-in a high purity aluminium reflector with tempered protection glass. |
| Installation instructions | Luminaire designed for Ceiling suspended installation. |
| Pictograms | |




| Dimensions | |
|---|---|
| Product dimensions (mm) | ø108 x 345 |
| Net weight (g) | 1800 |

**Scheme**

Scheme



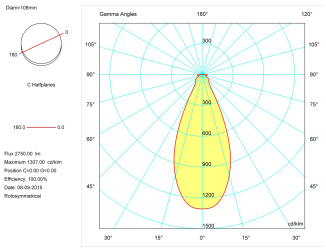

| Product | |
|---|---|
| Real power (W) | 29 |
| Real luminous flux (Lm) | 2750 |
| Luminous efficiency (Lm/W) | 94,8 |
| Beam angle (º) | 36 |
| Life time (h) | 50000 |
| IP | 20 |
| Electrical class insulation | Class 1 |
| Operating temperature | from -20°C to 35°C |
| Electrical feeding | 220..240V, 50/60Hz |
| Colour | Ceramic white |
| Energy efficiency class | A+ |

| Control gear | |
|---|---|
| Control gear included | Yes |
| Control gear | Electronic Control Gear |
| Factor de potencia | 0,99 |

| Light source | |
|---|---|
| Light source included | Yes |
| Light source | Led |
| Nominal power (W) | 25 |
| Nominal luminous flux (Lm) | 3000 |
| Colour temperature (K) | 4000 |
| Colour consistency (SDCM) | 3 |
| CRI | 90 |

**Photometry**

Photometry



| Accesories | |
|---|---|
| 11.1645.0001.63 | On-Off base area |
| 11.1645.0002.63 | On-Off half-surface area. |