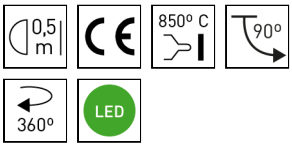
# Decorative and minimalist luminaire with neutral aesthetic from the TROLL family Tubular LED.

## DESCRIPTION

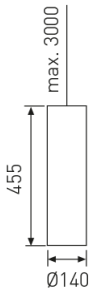
**Decorative and minimalist luminaire with neutral aesthetic from the TROLL family Tubular LED setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000º K (neutral white) optimised to be used as general lighting of commercial or domestic 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 golden with golden interior Luminaire built-in an high purity aluminium reflector with tempered protection glass with an angle beam of 36º. Luminaire sets a 31 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** | **11.3645.3431.02** |
| **Product type** | **IN** |
| **Category** | **Surface Downlights** |
| **Family** | **Tubular-S** |
| **Subfamily** | **Tubular G** |
| **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)** | **Ø140 x 455** |
| **Net weight (g)** | **2600** |

**Scheme**

**Scheme**



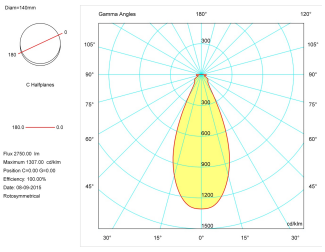

| **Product** | |
|---|---|
| **Real power (W)** | **29** |
| **Real luminous flux (Lm)** | **2750** |
| **Luminous efficiency (Lm/W)** | **94,8** |
| **Beam angle (º)** | **36** |
| **Life time (h)** | **50000** |
| **IP** | **20** |
| **Electrical class insulation** | **Class 1** |
| **Operating temperature** | **from -20°C to 35°C** |
| **Electrical feeding** | **220..240V, 50/60Hz** |
| **Colour** | **Gold** |
| **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 | |
|---|---|
| 11.1645.0001.02 | On-Off base area |
| 11.1645.0002.02 | On-Off Half-surface area |