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**Dimensions**


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|                         |           |
|-------------------------|-----------|
| Product dimensions (mm) | ø60 x 300 |
| Net weight (g)          | 1000      |

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**Scheme**


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Scheme




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**Product**


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|                             |                    |
|-----------------------------|--------------------|
| Real power (W)              | 15                 |
| Real luminous flux (Lm)     | 1317               |
| Luminous efficiency (Lm/W)  | 87,8               |
| Beam angle (°)              | 12                 |
| 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                      | Anthracite         |
| Energy efficiency class     | A+                 |

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**Control gear**


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

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**Light source**


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|                            |      |
|----------------------------|------|
| Light source included      | Yes  |
| Light source               | Led  |
| Nominal power (W)          | 13   |
| Nominal luminous flux (Lm) | 1400 |
| Colour temperature (K)     | 3000 |
| Colour consistency (SDCM)  | 3    |
| CRI                        | 90   |

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**Photometry**


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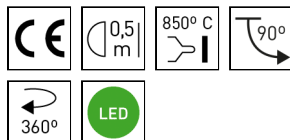
## Decorative and minimalist luminaire with neutral aesthetic from the TROLL family Tubular LED.

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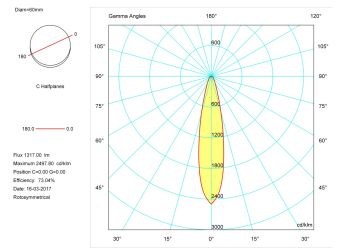
**DESCRIPTION**

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 3000° K (warm 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 anthracite with black interior Luminaire built-in an high purity aluminium reflector with tempered protection glass with an angle beam of 12°. Luminaire sets a 13 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 1317 Lm, with an efficiency of 87,8 Lm/W and a total consumption of 15 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/OFF fed at 220-240V; 50/60 Hz.

|                           |  |
|---------------------------|--|
| Item code                 | 11.1645.5311.22  |
| Product type              | IN   |
| Category                  | Surface Downlights   |
| Family                    | Tubular-S  |
| Subfamily                 | Tubular P  |
| 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**


**Photometry**



**Accessories**

|                 |                          |
|-----------------|--------------------------|
| 11.1645.0001.22 | On-Off base area         |
| 11.1645.0002.22 | On-Off half-surface area |