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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)	1459
Luminous efficiency (Lm/W)	97
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)	1600
Colour temperature (K)	4000
Colour consistency (SDCM)	3
CRI	90

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**Photometry**


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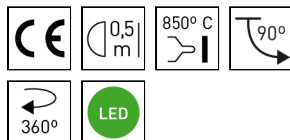
## Decorative and minimalist luminaire with neutral aesthetic from the TROLL family Tubular LED.

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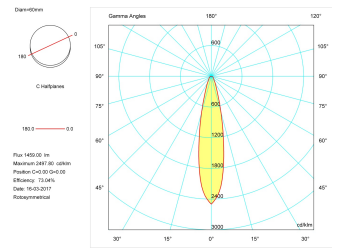
**DESCRIPTION**

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 4000° 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 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 1459 Lm, with an efficiency of 97 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	11.1645.5411.22
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