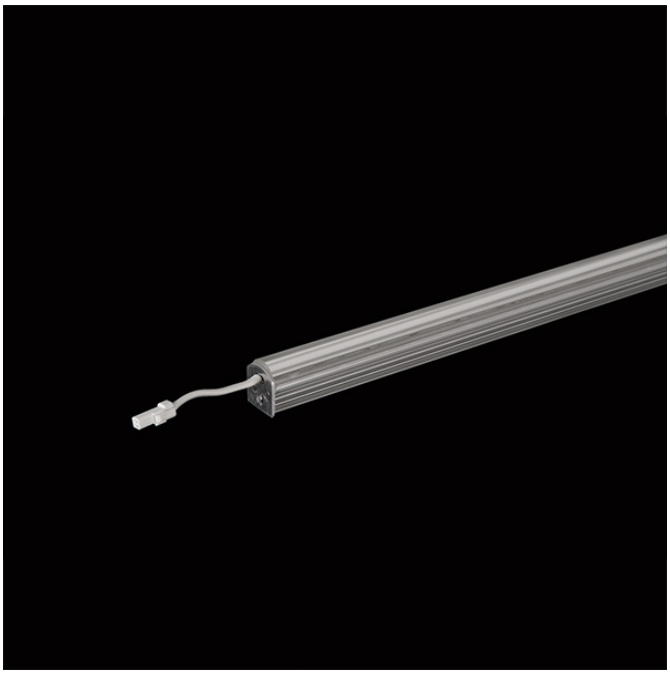


Small format LED linear luminaire from the TROLL family PerfiLED.

DESCRIPTION

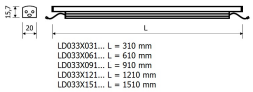
Small format LED linear luminaire from the TROLL family PerfiLED setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000º K (warm white) optimised to be used as indoor or outdoor lighting where environmental integration was a relevant requirement such as bathrooms, kitchen furniture, shelves or retro-illumination. Designed for wall or ceiling surface mounted. Body profile built in extruded aluminium with IP65 connectors finished in grey. Luminaire built-in an optical system based on a lens made of synthetic material with an angle beam of 60º. Luminaire sets a 4,5 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 255 Lm, with an efficiency of 120,7 Lm/W and a total consumption of 5 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire is fed at 220-240V; 50/60 Hz. and needs a constant power auxiliary gear.

Item code	**LD033603114011**
Product type	**IN**
Category	**Surface Linears**
Family	**Led Profile**
Subfamily	**Perfiled**
Materials	**Body profile built in extruded aluminium with IP65 connectors.**
Optical system	**Luminaire built-in an optical system based on a lens made of synthetic material.**
Installation instructions	**Luminaire designed for wall or ceiling surface mounted.**
Pictograms	

Dimensions	
Product dimensions (mm)	**20 x 310 x 15,7**

Scheme

Scheme



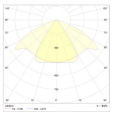
Product	
Real power (W)	**5**
Real luminous flux (Lm)	**255**
Luminous efficiency (Lm/W)	**120,7**
Beam angle (º)	**51**
Life time (h)	**50000**
IP	**20**
Electrical class insulation	**Class 3**
Photobilological risk	**0 - Exempt**
Operating temperature	**from -20°C to 35°C**
Electrical feeding	**24 VDC**

Control gear	
Control gear	**Electronic Control Gear**

Light source	
Light source included	**Yes**
Light source	**Led**
Nominal power (W)	**4,5**
Colour temperature (K)	**3000**
CRI	**80**

Photometry

Photometry



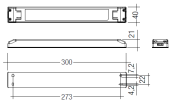
Accesories	
48/04	**With terminals up to 4 mm² section. To join 5 mm² silicone cable to 13 mm².**

Picture

71/LD10024	**96W Power supply driver from the Troll family Standard DriverP.**

Picture

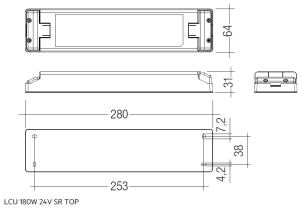
Scheme



71/LD18024	**180W Power supply driver from the Troll family Standard DriverP**

Picture

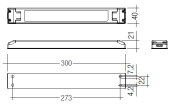
Scheme



71/LD3524	**35W Power supply driver from the Troll family Standard DriverP.**

Picture

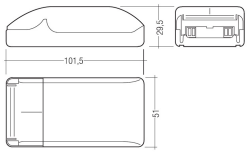
Scheme



71/LD6024	**60W Power supply driver from the Troll family Standard DriverP.**

Picture

Scheme



73/DLP	**Light dimming controler 12-24V. On/Off Push, Dali, 0-10V, 1-10V. (Master)**

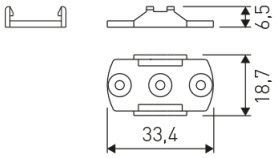
Picture

73/DLS	**Light dimming controler 12-24V. On/Off Push, Dali, 0-10V, 1-10V. (Slave)**

Picture

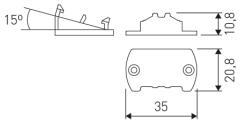
LD044000000001	**30 cm cable with Female power supply connector.**
LD044000000002	**30 cm cable with Male power supply connector.**
LD044000000003	**30 cm interconnection cable with Male - Female.**
LD044000000041	**2 fixing plates.**

Scheme



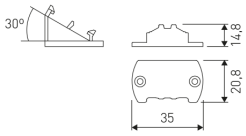
LD044000000042	**15º - 2 fixing plates.**

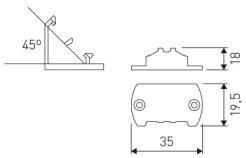
Scheme



LD044000000043	**30º - 2 fixing plates.**

Scheme



LD044000000044	**45º - 2 fixing plates.**

Scheme