



### 1 m. length high efficiency adhesive flexible LED strip from the TROLL family Flexiled.

#### DESCRIPTION

1 m. length high efficiency adhesive flexible LED strip from the TROLL family Flexiled 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 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. Luminaire built-in a silicone protection diffuser with an angle beam of 120°. Luminaire sets a 15 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 1521 Lm, with an efficiency of 92,2 Lm/W and a total consumption of 16,5 W. The average life for the luminaire is 30000 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	11.7890.1583.01
Product type	IN
Category	Surface & Suspended Linears
Family	Led Profile
Subfamily	Flexiled
Materials	Luminaire built in clear silicone UV protected.
Optical system	Luminaire built-in a silicone protection diffuser.
Installation instructions	Luminaire designed for wall or ceiling surface mounted.
Pictograms	

<b>Dimensions</b>	
Product dimensions (mm)	10 x 1000 x 2,5
Packing dimensions (mm)	150 x 200 x 4
Net weight (g)	45
Gross weight (Kg)	0,095

<b>Product</b>	
Real power (W)	16,5
Real luminous flux (Lm)	1521
Luminous efficiency (Lm/W)	92,2
Beam angle (°)	120
Life time (h)	30000
IP	20
Electrical class insulation	Class 3
Photobiological risk	0 - Exempt
Operating temperature	from -20°C to 35°C
Electrical feeding	24 VDC
Energy efficiency class	A+

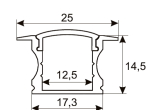
<b>Control gear</b>	
Control gear	Electronic Control Gear

<b>Light source</b>	
Light source included	Yes
Light source	Led
Nominal power (W)	15
Nominal luminous flux (Lm)	1749
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

<b>Photometry</b>	
Photometry	

<b>Accessories</b>	
11.7890.0011.20	1 m length recessed profile set. Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.

#### Scheme



11.7890.0021.20 1 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.

Scheme



11.7890.0031.20

1 m length 45° surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.

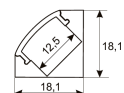
Scheme



11.7890.0032.20

2 m length 45° surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.

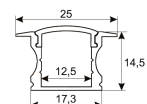
Scheme



11.7890.1011.20

1 m length recessed profile set. Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps.

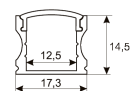
Scheme



11.7890.1021.20

1 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps.

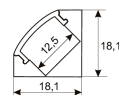
Scheme



11.7890.1031.20

1 m length 45° surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps.

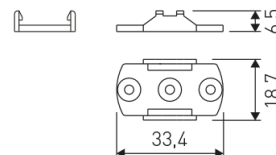
## Scheme



478/33

Upper fastening staples. (1 unit)

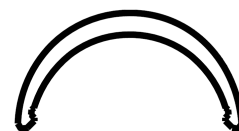
## Scheme



478/C100/00

Transparent cover.

## Scheme



478/P100/21

Aluminium profile.

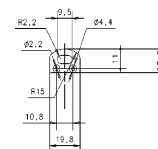
## Scheme



478/T/21

Profile covers. (2 units)

## Scheme



48/04

With terminals up to 4 mm<sup>2</sup> section. To join 5 mm<sup>2</sup> silicone cable to 13 mm<sup>2</sup>.

Picture



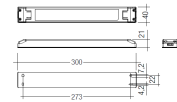
71/LD10024

96W Power supply driver from the Troll family Standard DriverP.

Picture



Scheme



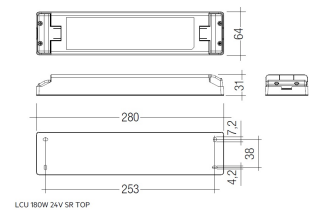
71/LD18024

180W Power supply driver from the Troll family Standard DriverP.

Picture



Scheme



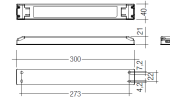
71/LD3524

35W Power supply driver from the Troll family Standard DriverP.

Picture



## Scheme



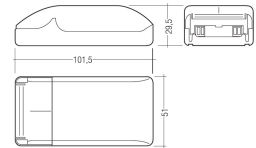
71/LD6024

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

## Picture



## Scheme



73/DLP

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

## Picture



73/DLS

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

## Picture

