



# 5 m. length high efficiency adhesive IP66 flexible LED strip from the TROLL family Flexiled.

#### DESCRIPTION

5~m. length high efficiency adhesive IP66 flexible LED strip from the TROLL family Flexiled setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of  $3000^\circ$  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 an silicone protection diffuser with an angle beam of  $120^\circ$ . Luminaire sets a 15~W/m LED source with CRI higher than 80~% and a chromatic dispersion lower than 3~SMCD. Fixture has a luminous flux of 1521~Lm/m, with an efficiency of 101.4~Lm/W and a total consumption of 15~W/m. The average life for the luminaire is 30000~h (stabilised at a minimum flux of 70~% from the original). Luminaire is fed at 24V. and needs a constant power auxiliary gear.

Item code	11.7851.1583.00
Product type	IN
Category	Linealed
Family	Flexiled
Subfamily	Тајо
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









Dimensions		
Product dimensions (mm)	12 x 5000 x 5	
Packing dimensions (mm)	210 x 240 x 4	
Net weight (g)	220	
Gross weight (Kg)	0,27	

Product		
Real power (W)	15	
Real luminous flux (Lm)	1521	
Luminous efficiency (Lm/W)	101,4	
Beam angle (°)	120	
Life time (h)	30000	
IP	66	
Electrical class insulation	Class 3	
Photobilological risk	0 - Exempt	
Operating temperature	from -20°C to 35°C	
Electrical feeding	24 VDC	
Energy efficiency class	<b>A</b> +	

Control gear	
Control gear	Electronic Control Gear

Light source	
Light source included	Yes
Light source	Led
Nominal power (W)	15
Nominal luminous flux (Lm)	1521
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

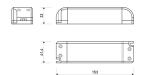
Photometry		
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	Elisany 190,000, One 201,000 497 497 330 330 330 330 330 330 330 330 330 33	15" 33"

Accesories	
11.1801.7010.00	30W Power supply driver from the Troll family Standard DriverP.

Picture





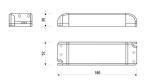


11.1801.7011.00 60W Power supply driver from the Troll family Standard DriverP.

Picture



Scheme



11.1801.7012.00 120W Power supply driver from the Troll family Standard DriverP.

Picture



Scheme

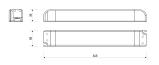


11.1801.7013.00 180W Power supply driver from the Troll family Standard DriverP.

Picture



Scheme



11.1801.7030.00

35W DALI dimmable power supply driver from the Troll family DALI DriverP.



Picture Scheme 60W DALI dimmable power supply driver from the Troll family DALI DriverP. 11.1801.7031.00 Picture Scheme 100W DALI dimmable power supply driver from the Troll family DALI DriverP. 11.1801.7032.00 Picture

Scheme

150W DALI dimmable power supply driver from the Troll family DALI DriverP. 11.1801.7033.00



Picture



Scheme



11.7851.0001.00	Installation kit for IP66 Flexiled Tajo with
	PCB withd of 8 mm, (5W/m and 10W/m).
	It includes: End cap 5 units. End cap with
	drill, 5 units. Clip, 10 units. Screw, 10
	units. Silicone tube.
11.7851.0002.00	Quick connector IP66 PCB-Cable for
	flexiled Tajo with PCB width of 10mm.
	(power of 15W/m & 20W/m)
11.7851.0003.00	Quick connector IP66 PCB-PCB for
	flexiled Tajo with PCB width of 10mm.
	(power of 15W/m & 20W/m)
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



11.7890.0012.20	2 m length recessed profile set. Includes:
	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



11.7890.0022.20
2 m length surface profile set. Includes:
Anodized aluminium profile (Alu6063-T5)
+ PC clear diffuser + Installation clips +
End caps.





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



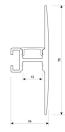
11.7890.0041.04	1 m length wall mounted profile set.
	Includes: aluminium profile (Alu6063-T5)
	+ PC clear diffuser + Installation clips +
	End caps.

Scheme



11.7890.0041.20	1 m length wall mounted profile set.
	Includes: aluminium profile (Alu6063-T5)
	+ PC clear diffuser + Installation clips +
	End cons

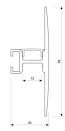
Scheme





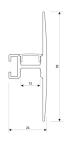
11.7890.00441. Spngth wall mounted profile set. Includes: aluminium profile (Alu6063-T5)+PC clear diffuser + Installation clips + End caps.

Scheme



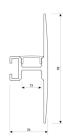
11.7890.0042.04	2 m length wall mounted profile set.
	Includes: aluminium profile (Alu6063-T5)
	+ PC clear diffuser + Installation clips +
	End caps.

Scheme



11.7890.0042.20	2 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5)
	+ PC clear diffuser + Installation clips +
	End caps.

Scheme



11.7890.0042.33	2 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips +
	End caps.

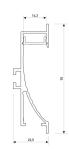
Scheme

11.7890.0051.20



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





11.7890.0052.20	2 m length of wall recessed profile set.
	Includes: Recessed anodized aluminium
	profile (Alu6063-T5) + PC clear diffuser +
	Installation clips + End caps.

Scheme



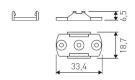
11.7890.0401.20	Aluminium profile Iraty. Lenght 2m

Scheme



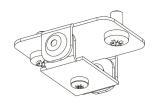
11.7890.0402.00	30° frosted diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0403.00	60° frosted diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0404.00	90° frosted diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0405.00	Opal diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0406.00	Transparent diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0407.00	Frosted diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0409.20	set of end caps for aluminium profile Irati. (2 units by ref.)
11.7890.0410.00	Set of installationclamps for profiles Irati & Luna. (2 units/ref.)

Scheme



11.7890.0411.00	Joint-ball accessory for aluminium profiles Roncal, Itaty & Luna. (1 unit by
	reference)

Scheme





11.7890.0412.04ccessory for sus refeence)	penension of profilesRoncal, Irati & Luna. (1 unit by
11.7890.0412.33	Accessory for suspenension of profiles Roncal, Irati & Luna. (1 unit by refeence
11.7890.0501.20	Aluminium profile Luna. Lenght 2m



11.7890.0502.20	Set of En caps for aluminium profile Luna. (2 units/ref.).
11.7890.1011.20	1 m length recessed profile set. Includes:
	Recessed anodized aluminium profile
	(Alu6063-T5) + PC opal diffuser +
	Installation clips + End caps.



11.7890.1012.20	2 m length recessed profile set. Includes: 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



11.7890.1022.20	2 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5)
	+ PC opal diffuser + Installation clips +
	End caps.

### Scheme



 $\begin{array}{c} 11.7890.1031.20 & 1 \ m \ length \ 45^{\circ} \ surface \ profile \ set. \\ Includes: \ Anodized \ aluminium \ profile \ \\ (Alu6063-T5) + PC \ opal \ diffuser + \\ Installation \ clips + End \ caps. \end{array}$ 





11.7890.1032.20	2 m length 45° surface profile set. Includes: Anodized aluminium profile
	(Alu6063-T5) + PC opal diffuser +
	Installation clips + End caps.

Scheme



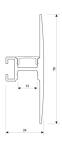
11.7890.1041.04	1 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5)
	+ PC matt diffuser + Installation clips +
	End caps.

Scheme



11.7890.1041.20	1 m length wall mounted profile set.
	Includes: aluminium profile (Alu6063-T5)
	+ PC matt diffuser + Installation clips +
	End caps.

Scheme



11.7890.1041.33

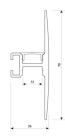
1 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC matt diffuser + Installation clips + End caps.





11.7890.1042.04	2 m length wall mounted profile set.
	Includes: aluminium profile (Alu6063-T5)
	+ PC matt diffuser + Installation clips +
	End caps.

Scheme



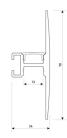
11.7890.1042.20	2 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5)
	+ PC matt diffuser + Installation clips +
	End caps.

Scheme



11.7890.1042.33	2 m length wall mounted profile set.
	Includes: aluminium profile (Alu6063-T5)
	+ PC matt diffuser + Installation clips +
	End caps.

Scheme



11.7890.1051.20

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





11.7890.1052.20	2 m length of wall recessed profile set.
	Includes: Recessed anodized aluminium
	profile (Alu6063-T5) + PC matt diffuser +
	Installation clips + End caps.

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



73/DLP	Light dimming controler 12-24V. On/Off
76/221	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



