5 m. length high efficiency adhesive flexible LED strip from the TROLL family Lightline.

DESCRIPTION

5 m. length high efficiency adhesive flexible LED strip from the TROLL family Lightline setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 2300º K (Super-warm white). LED density is 700 LED/m and it has been 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 120º. Luminaire sets a 24 W/m LED source with CRI higher than 90 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 2376 Lm/m, with an efficiency of 99 Lm/W and a total consumption of 24 W/m. The average life for the luminaire is 30000 h (stabilised at a minimum flux of 70 % from the original). Luminaire is fed at24V. and needs a constant power auxiliary gear.

Item code	11.7891.2481.00
Product type	IN
Category	Linealed
Family	Lightline
Subfamily	Rin
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 2,5
Packing dimensions (mm)	210 x 240 x 4
Net weight (g)	220
Gross weight (Kg)	0,27

Product

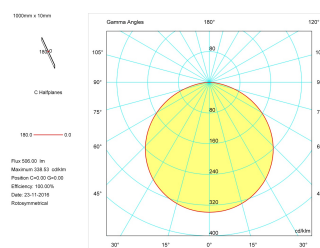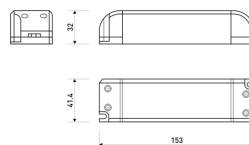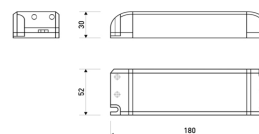|	
Real power (W)	24
Real luminous flux (Lm)	2376
Luminous efficiency (Lm/W)	99
Beam angle (º)	120
Life time (h)	30000
IP	20
Electrical class insulation	Class 3
Photobilological risk	0 - Exempt
Operating temperature	from -20°C to 35°C
Electrical feeding	24 VDC
Energy efficiency class	A+

Control gear

Control gear	Electronic Control Gear

Light source

Light source included	Yes
Light source	Led
Nominal power (W)	20
Nominal luminous flux (Lm)	1980
Colour temperature (K)	2300
Colour consistency (SDCM)	3
CRI	80

Photometry

Photometry	

Accesories

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

Picture

LUXIONA

Scheme

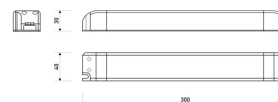| 11.1801.7011.00 | 60W Power supply driver from the Troll family Standard DriverP. |

Picture

Scheme

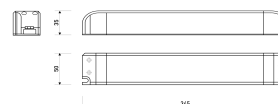| 11.1801.7012.00 | 120W Power supply driver from the Troll family Standard DriverP. |

Picture

Scheme

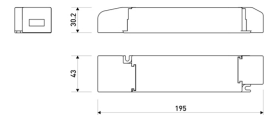| 11.1801.7013.00 | 180W Power supply driver from the Troll family Standard DriverP. |

Picture

Scheme

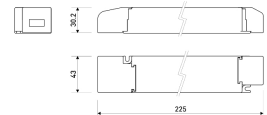| 11.1801.7030.00 | 35W DALI dimmable power supply driver from the Troll family DALI DriverP. |

Picture

Scheme

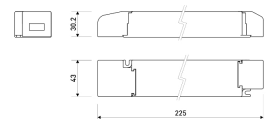| 11.1801.7031.00 | 60W DALI dimmable power supply driver from the Troll family DALI DriverP. |

Picture

Scheme

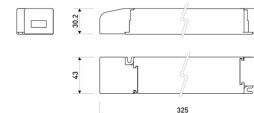| 11.1801.7032.00 | 100W DALI dimmable power supply driver from the Troll family DALI DriverP. |

Picture

Scheme

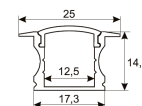| 11.1801.7033.00 | 150W DALI dimmable power supply driver from the Troll family DALI DriverP. |

Picture

Scheme

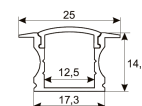|	
11.7890.0011.20	**1 m length recessed profile set. Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.**

Scheme

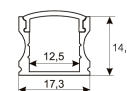|	
11.7890.0012.20	**2 m length recessed profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps**

Scheme

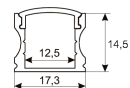|	
11.7890.0021.20	**1 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.**

Scheme

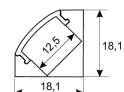|	
11.7890.0022.20	**2 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps.**

Scheme

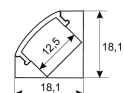| 11.7890.0031.20 | 1 m length 45° surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |

Scheme

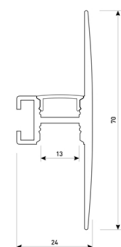| 11.7890.0032.20 | 2 m length 45° surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |

Scheme

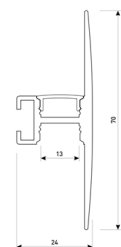| 11.7890.0041.04 | 1 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |

Scheme

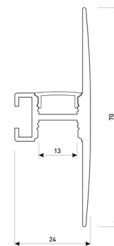| 11.7890.0041.20 | 1 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |

Scheme

11.7890.0041.33 1 m length wall mounted profile set.Includes: aluminium profile (Alu6063-T5)+ PC clear diffuser + Installation clips +End caps.
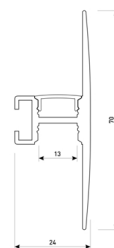
Scheme

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.

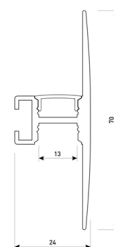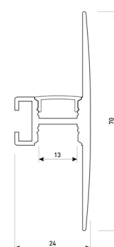**Scheme**

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.

Scheme

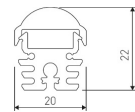| 11.7890.0052.20 | 2 m length of wall recessed profile set. Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |

Scheme

| 11.7890.0401.20 | Aluminium profile Iraty. Lenght 2m |

Scheme

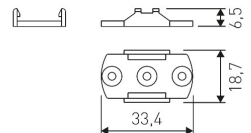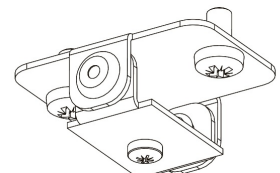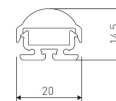| 11.7890.0402.00 | 30° frosted diffuser for profiles Irati & Luna. Length 2 m. |
11.7890.0403.00	60° frosted diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0404.00	90° frosted diffuser for profiles Irati & Luna. Length 2 m.
11.7890.0405.00	Opal diffuser for profiles Irati & Luna. Length 2 m.
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

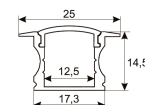| 11.7890.0411.00 | Joint-ball accessory for aluminium profiles Roncal, Itaty & Luna. (1 unit by reference) |

Scheme

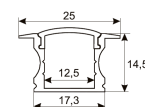| 11.7890.0412.04	Accessory for suspenension of profiles Roncal, Irati & Luna. (1 unit by refeence)
11.7890.0412.33	**Accessory for suspenension of profiles Roncal, Irati & Luna. (1 unit by refeence)**
11.7890.0501.20	**Aluminium profile Luna. Lenght 2m**

Scheme

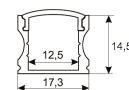| 11.7890.0502.20	**Set of En caps for aluminium profile Luna. (2 units/ref.).**
11.7890.1011.20	**1 m length recessed profile set. Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps.**

Scheme

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.**

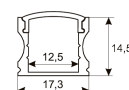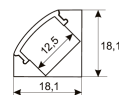**Scheme**

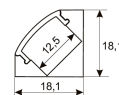| 11.7890.1022.20	**2 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps.**

Scheme

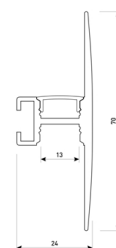| 11.7890.1031.20	**1 m length 45° surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps.**

Scheme

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.**

Scheme

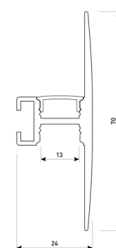| 11.7890.1042.04	2 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC matt diffuser + Installation clips + End caps.

Scheme

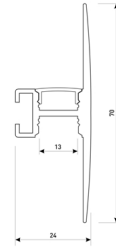| 11.7890.1042.20	2 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC matt diffuser + Installation clips + End caps.

Scheme

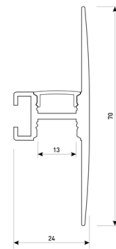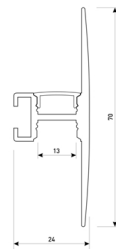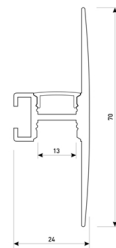| 11.7890.1042.33	2 m length wall mounted profile set. Includes: aluminium profile (Alu6063-T5) + PC matt diffuser + Installation clips + End caps.

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.

Scheme

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

11.7891.0003.00	Quick connector PCB-wire for flexible LED stripe Lightline with PCB width of 12 mm. (power of24W/m)
11.7891.0006.00	Quick connector PCB-PCB for flexible LED stripe Lightline with PCB width of 12 mm. (power of24W/m)
48/04	With terminals up to 4 mm² section. To join 5 mm² silicone cable to 13 mm².

Picture

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