



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

DESCRIPTION

5 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 2700° K (extra-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°. Luminaire sets a 20 W/m LED source with CRI higher than 80 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 2000 Lm/m, with an efficiency of 100 Lm/W and a total consumption of 20 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                 | 11.7891.2082.00   |
| Product type              | IN  |
| Category                  | Linealed  |
| Family                    | Flexiled  |
| Subfamily                 | Sena  |
| 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                |   |

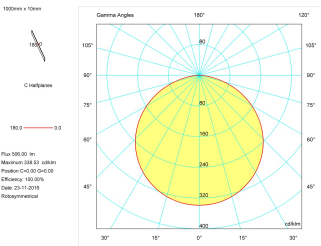
|                         |                 |
|-------------------------|-----------------|
| Dimensions              |                 |
| Product dimensions (mm) | 10 x 5000 x 2,5 |
| Packing dimensions (mm) | 210 x 240 x 4   |
| Net weight (g)          | 220             |
| Gross weight (Kg)       | 0,27            |

|                             |                    |
|-----------------------------|--------------------|
| Product                     |                    |
| Real power (W)              | 20                 |
| Real luminous flux (Lm)     | 2000               |
| Luminous efficiency (Lm/W)  | 100                |
| 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+                 |

|              |                         |
|--------------|-------------------------|
| Control gear |                         |
| Control gear | Electronic Control Gear |

|                            |      |
|----------------------------|------|
| Light source               |      |
| Light source included      | Yes  |
| Light source               | Led  |
| Nominal power (W)          | 20   |
| Nominal luminous flux (Lm) | 2000 |
| Colour temperature (K)     | 2300 |
| Colour consistency (SDCM)  | 3    |
| CRI                        | 80   |

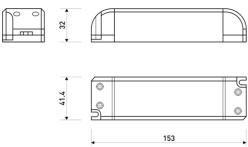
|            |  |
|------------|--|
| Photometry |  |
| Photometry |  |



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



Scheme

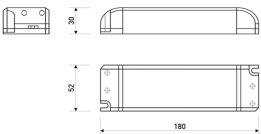


11.1801.7011.00 60W Power supply driver from the Troll family Standard DriverP.

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

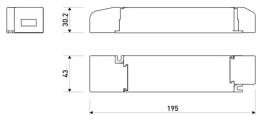


11.1801.7030.00 35W DALI dimmable power supply driver from the Troll family DALI DriverP.

Picture



Scheme



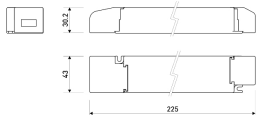
11.1801.7031.00

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

Picture



Scheme



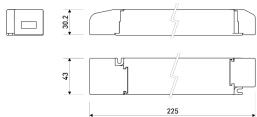
11.1801.7032.00

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

Picture



Scheme



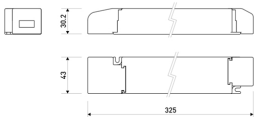
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**150W DALI dimmable power supply driver from the Troll family DALI DriverP.**

Picture

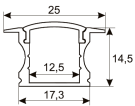


Scheme



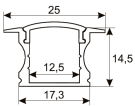
|                 |   |
|-----------------|---|
| 11.7890.0011.20 | 1 m length recessed profile set. Includes:<br>Recessed anodized aluminium profile<br>(Alu6063-T5) + PC clear diffuser +<br>Installation clips + End caps. |
|-----------------|---|

Scheme



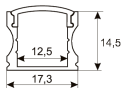
|                 |   |
|-----------------|---|
| 11.7890.0012.20 | 2 m length recessed profile set. Includes:<br>Anodized aluminium profile (Alu6063-T5)<br>+ PC clear diffuser + Installation clips +<br>End caps |
|-----------------|---|

Scheme



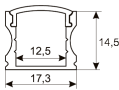
|                 |   |
|-----------------|---|
| 11.7890.0021.20 | 1 m length surface profile set. Includes:<br>Anodized aluminium profile (Alu6063-T5)<br>+ PC clear diffuser + Installation clips +<br>End caps. |
|-----------------|---|

Scheme



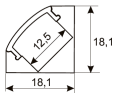
|                 |   |
|-----------------|---|
| 11.7890.0022.20 | 2 m length surface profile set. Includes:<br>Anodized aluminium profile (Alu6063-T5)<br>+ PC clear diffuser + Installation clips +<br>End caps. |
|-----------------|---|

Scheme



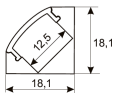
|                 |   |
|-----------------|---|
| 11.7890.0031.20 | 1 m length 45° surface profile set.<br>Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |
|-----------------|---|

Scheme



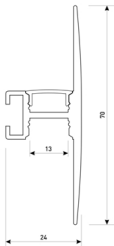
|                 |   |
|-----------------|---|
| 11.7890.0032.20 | 2 m length 45° surface profile set.<br>Includes: Anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |
|-----------------|---|

Scheme



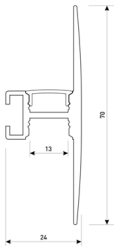
|                 |   |
|-----------------|---|
| 11.7890.0041.04 | 1 m length wall mounted profile set.<br>Includes: aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |
|-----------------|---|

Scheme



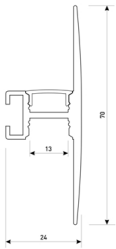
|                 |   |
|-----------------|---|
| 11.7890.0041.20 | 1 m length wall mounted profile set.<br>Includes: aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |
|-----------------|---|

Scheme



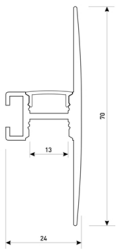
**1 m length wall mounted profile set.**  
**Includes: aluminium profile (Alu6063-T5)+ PC clear diffuser + Installation clips +End caps.**

Scheme



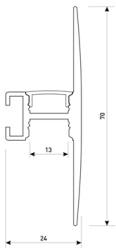
**2 m length wall mounted profile set.**  
**Includes: aluminium profile (Alu6063-T5)**  
**+ PC clear diffuser + Installation clips +**  
**End caps.**

Scheme



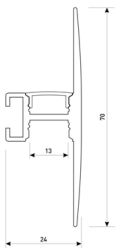
**2 m length wall mounted profile set.**  
**Includes: aluminium profile (Alu6063-T5)**  
**+ PC clear diffuser + Installation clips +**  
**End caps.**

Scheme



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

Scheme



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

Scheme



Scheme



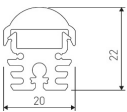
|                 |   |
|-----------------|---|
| 11.7890.0052.20 | 2 m length of wall recessed profile set.<br>Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC clear diffuser + Installation clips + End caps. |
|-----------------|---|

Scheme



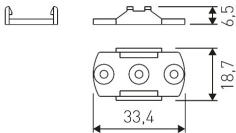
|                 |                                    |
|-----------------|------------------------------------|
| 11.7890.0401.20 | Aluminium profile Iraty. Lenght 2m |
|-----------------|------------------------------------|

Scheme



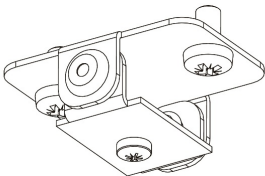
|                 |   |
|-----------------|---|
| 11.7890.0402.00 | 30° frosted diffuser for profiles Irati & Luna. Length 2 m.         |
| 11.7890.0403.00 | 60° frosted diffuser for profiles Irati & Luna. Length 2 m.         |
| 11.7890.0404.00 | 90° frosted diffuser for profiles Irati & Luna. Length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



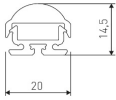
|                 |   |
|-----------------|---|
| 11.7890.0411.00 | Joint-ball accessory for aluminium profiles Roncal, Itaty & Luna. (1 unit by reference) |
|-----------------|---|

Scheme



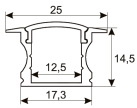
|                 |  |
|-----------------|--|
| 11.7890.0412.03 | Accessory for suspension of profiles Roncal, Irati & Luna. (1 unit by reference) |
| 11.7890.0412.33 | Accessory for suspension of profiles Roncal, Irati & Luna. (1 unit by reference) |
| 11.7890.0501.20 | Aluminium profile Luna. Length 2m  |

Scheme



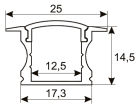
|                 |   |
|-----------------|---|
| 11.7890.0502.20 | Set of End caps for aluminium profile Luna. (2 units/ref.).   |
| 11.7890.1011.20 | 1 m length recessed profile set. Includes: Recessed anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps. |

Scheme



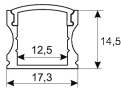
|                 |   |
|-----------------|---|
| 11.7890.1012.20 | 2 m length recessed profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps |
|-----------------|---|

Scheme



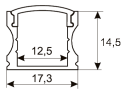
|                 |   |
|-----------------|---|
| 11.7890.1021.20 | 1 m length surface profile set. Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps. |
|-----------------|---|

Scheme



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

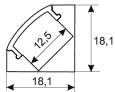
Scheme



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

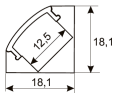


Scheme



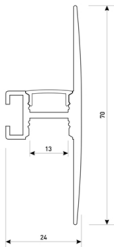
|                 |  |
|-----------------|--|
| 11.7890.1032.20 | 2 m length 45° surface profile set.<br>Includes: Anodized aluminium profile (Alu6063-T5) + PC opal diffuser + Installation clips + End caps. |
|-----------------|--|

Scheme



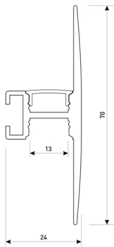
|                 |  |
|-----------------|--|
| 11.7890.1041.04 | 1 m length wall mounted profile set.<br>Includes: aluminium profile (Alu6063-T5) + PC matt diffuser + Installation clips + End caps. |
|-----------------|--|

Scheme



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

Scheme



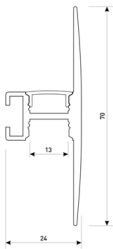
|                 |  |
|-----------------|--|
| 11.7890.1041.33 | 1 m length wall mounted profile set.<br>Includes: aluminium profile (Alu6063-T5) + PC matt diffuser + Installation clips + End caps. |
|-----------------|--|

Scheme



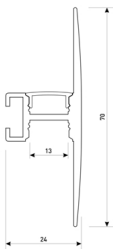
|                 |  |
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| 11.7890.1042.04 | 2 m length wall mounted profile set.<br>Includes: aluminium profile (Alu6063-T5)<br>+ PC matt diffuser + Installation clips +<br>End caps. |
|-----------------|--|

Scheme



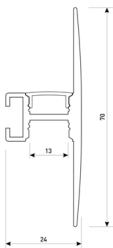
|                 |  |
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| 11.7890.1042.20 | 2 m length wall mounted profile set.<br>Includes: aluminium profile (Alu6063-T5)<br>+ PC matt diffuser + Installation clips +<br>End caps. |
|-----------------|--|

Scheme



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

Scheme



|                 |  |
|-----------------|--|
| 11.7890.1051.20 | 1 m length of wall recessed profile set.<br>Includes: Recessed anodized aluminium<br>profile (Alu6063-T5) + PC matt diffuser +<br>Installation clips + End caps. |
|-----------------|--|

Scheme



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

Scheme



|                 |  |
|-----------------|--|
| 11.7891.0002.00 | Quick connector PCB-cable for flexiled Sena with PCB width of 10mm. (power of 15W/m & 20W/m) |
| 11.7891.0005.00 | Quick connector PCB-PCB for flexiled Sena with PCB width of 10mm. (power of 15W/m & 20W/m)   |
| 48/04           | With terminals up to 4 mm² section. To join 5 mm² silicone cable to 13 mm².                  |

Picture



|        |  |
|--------|--|
| 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

