



LED's illuminate your project!

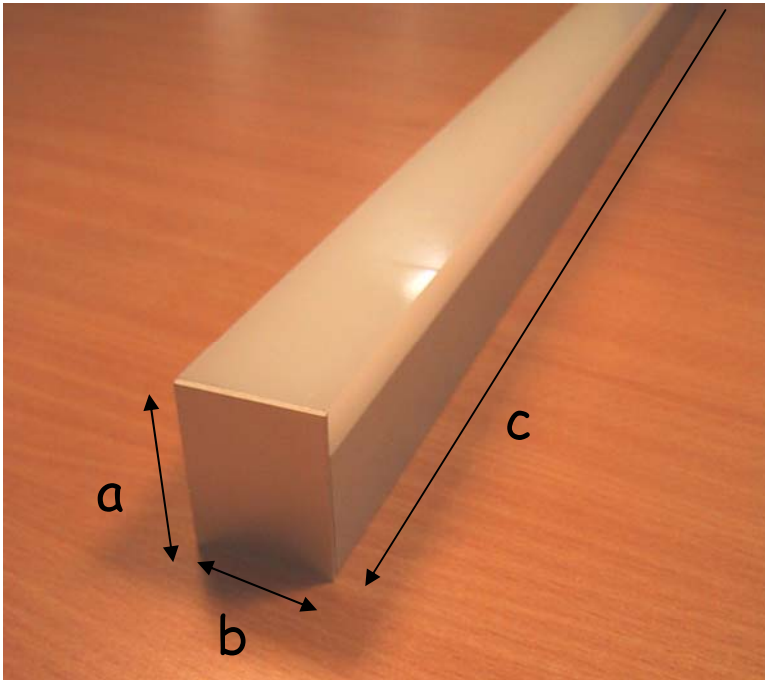
www.ledtechnic.be

Product datasheet



LEDline

1. Available sizes:



a	b	c	kg
40mm	30mm	250mm	0,3
40mm	30mm	500mm	0,6
40mm	30mm	750mm	0,9
40mm	30mm	1000mm	1,2
40mm	30mm	1250mm	1,5

For other lengths, please contact us.

2. Available colors:

Color
Red
Green
Yellow
Blue
White
Warm White 2800-3175°K
RGB ¹

¹ See User manual RGB

3. Specifications

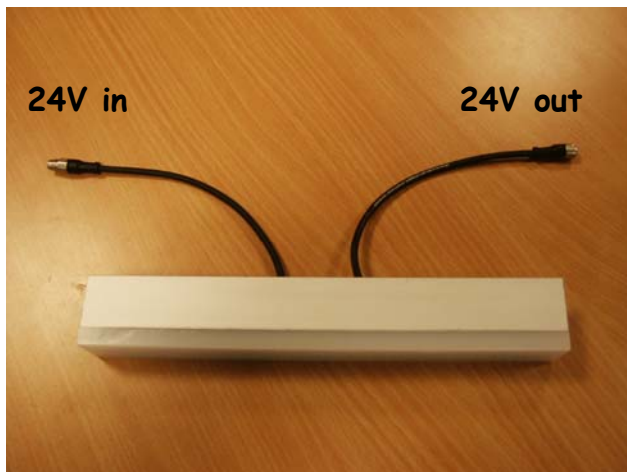
Electrical:

Voltage	24V DC	
Typ. Current	250mm	0,07A
	500mm	0,14A
	750mm	0,21A
	1000mm	0,28A
	1250mm	0,35A
IP	67	
Isolation	Class III	

Mechanical Strength tests:

Impact	4 x IK10 (80 joule)
Load	Tested at 60kg/cm ²

4. Wiring



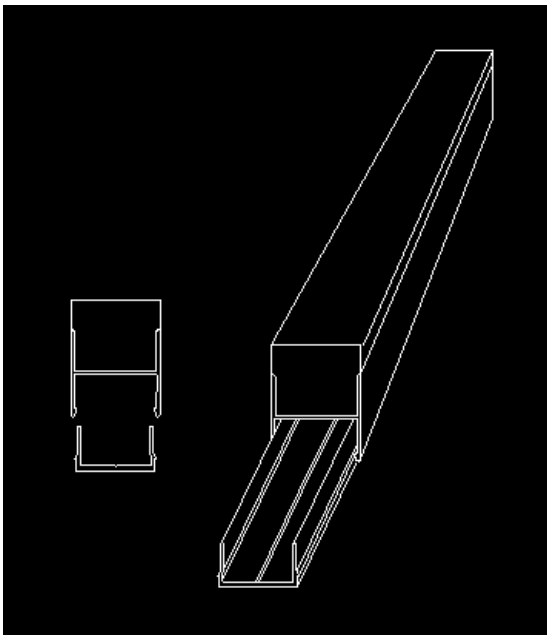
When not using the screw terminals:

Color Code	
Brown	+ connection
Blue	- connection
Black	Not connected

5. Design rules

- Current through the cables/LEDline may not exceed 4A.
 - Each LEDstring has to be fused (4A surge fuse).
- The first LEDline in a LEDstring has to receive 24VDC.
 - When the distance between the LEDstring and power supply becomes large, you have to:
 - Adjust up the output voltage of the power supply.
 - Enlarge the cable section.
- A maximum of 10 LEDlines can be placed in one LEDstring.
 - Although a LEDstring of 10 LEDlines will not generate currents above 4A, the voltage drop becomes important when placing LEDlines in one string.

6. Mounting



The LEDline 'clicks' on a mounting rail.
One mounting rail is delivered with each LEDline (LEDlinelength -200mm)
Other lengths on request.

7. Accessories

7.1. Endplate



The endplate can be glued to each end of the LEDline if desired.
Two endplates are delivered with each LEDline.

7.2. Endcap (Male or Female)



To protect the supply leads that are not used.

7.3. Connection cable (Female to Male)



Available lengths	Section
1m	0,25mm ²
2m	0,25mm ²
3m	0,25mm ²
5m	0,25mm ²
10m	0,25mm ²
15m	0,25mm ²

7.4. Power supply



Power	Output voltage	Voltage adjustment	PFC ²
25W	24V	±10%	none
75W	24V	-5~+10%	PF > 0,93
150W	24V	-5~+10%	PF > 0,93
500W	24V	±10%	PF > 0,93

² Power Factor Correction