

CUT WHEREVER YOU WANT !

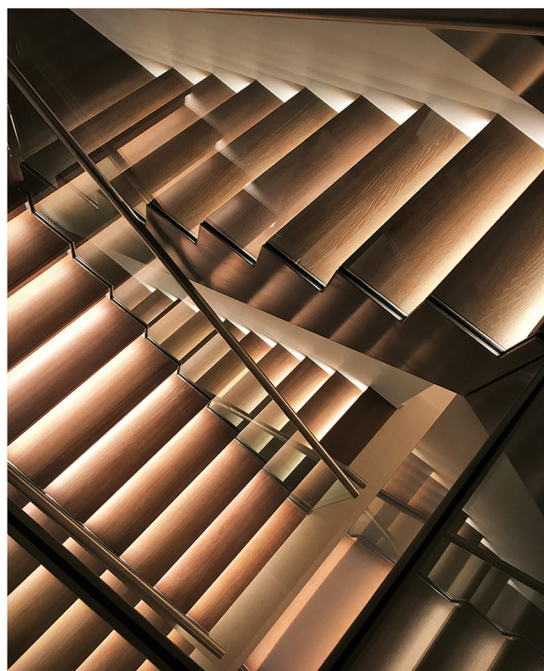
The first linear light without cutting unit.



FEATURES

REV00

- The biggest innovation which it brings is the **possibility to cut it in any desired point without respecting a cutting unit/module**. For the first time the light adapts itself to a project and not the opposite.
- **Produced through an advanced silicon extrusion process**, compared with a traditional PVC sheathing, it looks more white (PVC looks yellowish), lighter in terms of weight, more soft and flexible, strong impact resistant and with an high weather resistance.
- Slimmer than the market standard 10x10mm, it is brighter and offers a 8,5mm slimmer luminous surface, more discrete and easy to be inserted, available in top and side bending version.
- Perfectly uniform dot-free smooth and comfortable lighting, up to 10m(32,8ft) run lenght with single feed.
- IP65 for indoor and outdoor use, can be installed on surface mount or flush mount configuration.
- PWM dimmable.
- **5 year warranty** (internal use) / **3 years warranty** (outdoor use).
- A very clever anodized aluminum fixing channel has been developed by asking to installers and end users their technical suggestions. It offers a series of key features to speed up installations, avoid problems and to grant perfect results.



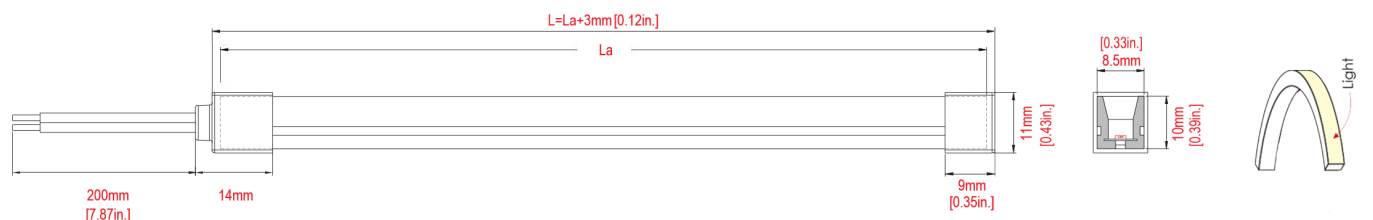
Specification

Dimension / Diagram

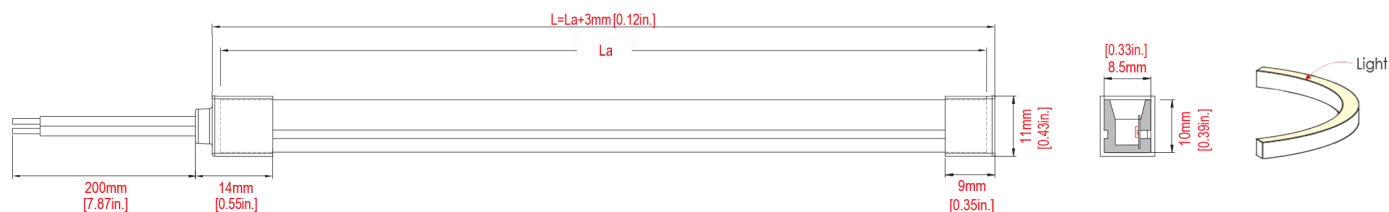
Top-Bend Evo8.5

L: Total length

La: Length of LED strip light



Side-Bend Evo8.5



General Parameters

Product No.	Style	Dimension	Power $\pm 10\%$	Operating Voltage	Max. Length (La)	Min. Unit	LED QTY	IP Rating	Operating Ambient
Evo8.5	Top-Bend (White)	W8.5xH10mm [W0.33xH0.39in.]	9W/M [2.74W/ft]	DC24V	5M [16.4ft]	Zero modules to be cut everywhere	120LED/M [36LED/ft]	IP65 (with gluing process)	Ta: -20~45°C
Evo8.5			5W/M [1.83W/ft]		10M [32.8ft]				
Evo8.5	Side-Bend (White)	W8.5xH10mm [W0.33xH0.39in.]	9W/M [2.74W/ft]		5M [16.4ft]				
Evo8.5			5W/M [1.83W/ft]		10M [32.8ft]				

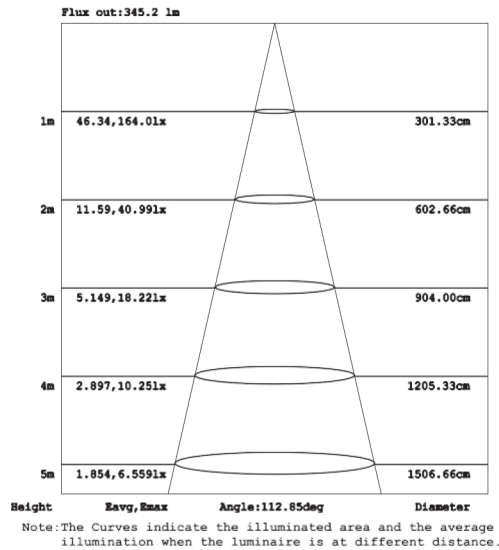
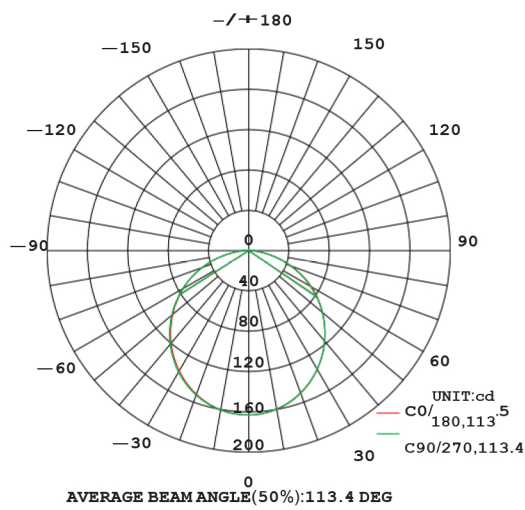
Photoelectric Parameters

Product No.	Style	Finished Product CCT/ Wavelength	2700K	Beam Angle	Lifespan	Warranty
			Luminous Flux $\pm 10\%$			
Evo8.5	Top-Bend (White)	2700K ± 120 K	550lm/M [170lm/ft]	120°	50,000h(indoor) 36,000h(outdoor) (L70B50@ Tc $\leq 65^\circ\text{C}$, Tc is the temp. of LED pin)	5 years (indoor) 3 years (outdoor)
Evo8.5		3000K ± 150 K	370lm/M [113lm/ft]			
Evo8.5	Side-Bend (White)	3500K ± 300 K	350lm/M [107lm/ft]			
Evo8.5		4000K ± 300 K	230lm/M [70lm/ft]			

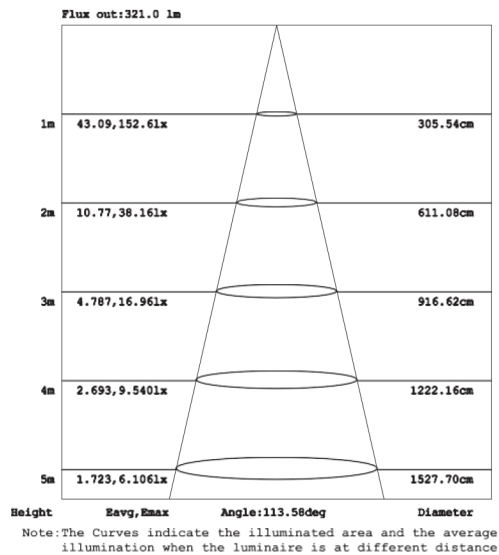
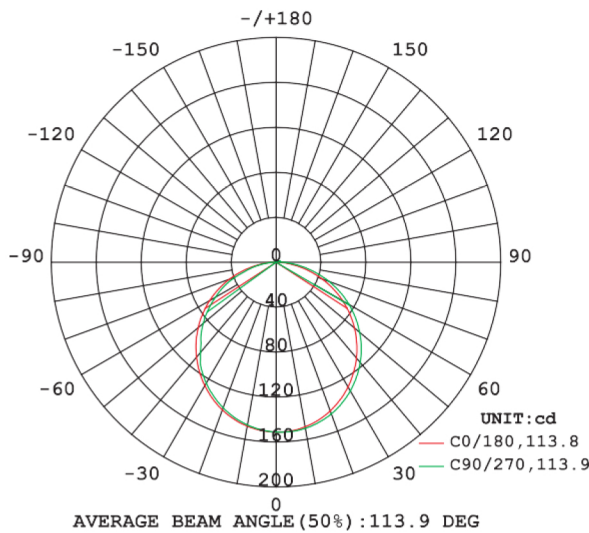
Note:

- (1) Luminous flux for CCT3000K is 5% higher, for CCT3500K/4000K is 8% higher, for CCT5000K/6500K is 10% higher, compared with 2700K.
- (2) The Max. Length (La) is defined as power fed on one side.

Light Distribution Diagram



Top-Bend, Evo8.5 (9W, 2700K)



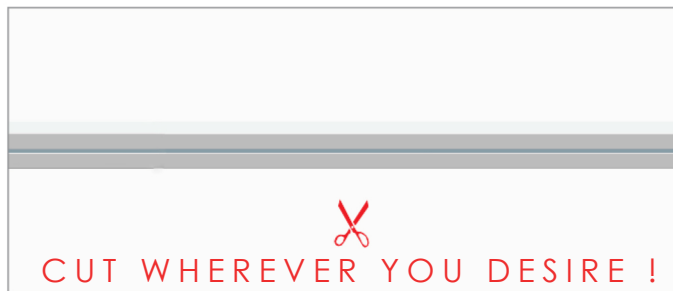
Side-Bend, Evo8.5 (9W, 2700K)

General Characteristics

(1) Zero modules to be any length.



Top-Bend, Evo8.5



Side-Bend, Evo8.5

(2) Power cable in rearfeed.

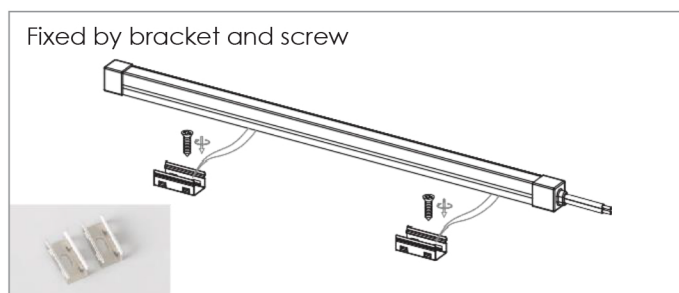


Top-Bend, Evo8.5



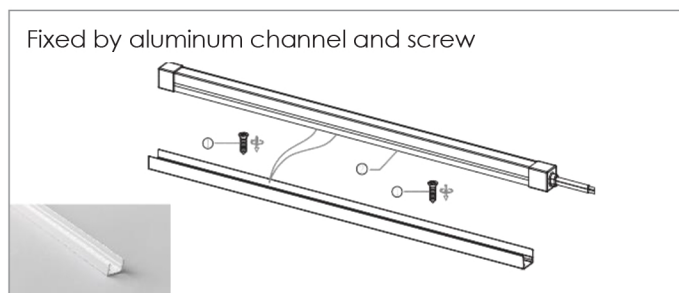
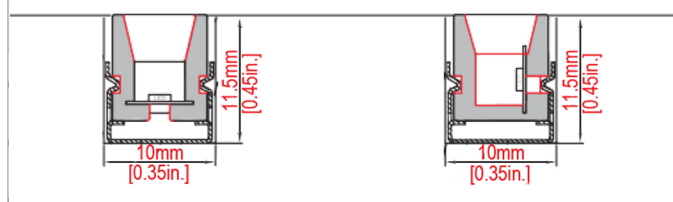
Side-Bend, Evo8.5

(3) Surface mounting or flush mounting, by bracket or aluminum channel.



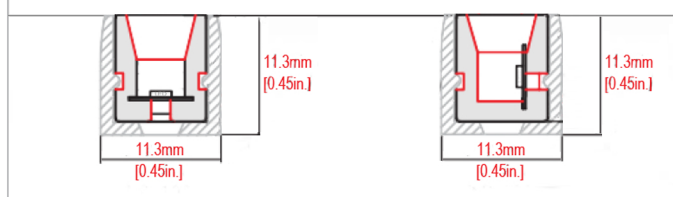
Top-Bend, Evo8.5 / Side-Bend, Evo8.5

The groove size is shown as below



Top-Bend, Evo8.5 / Side-Bend, Evo8.5

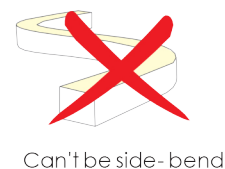
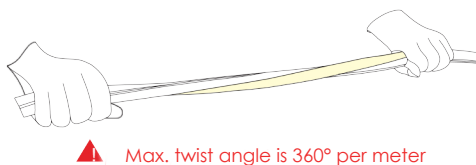
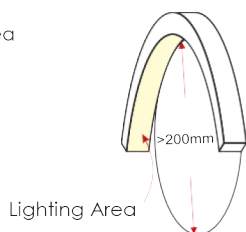
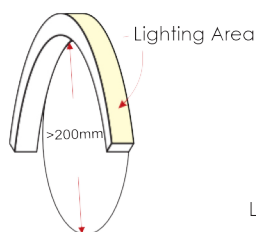
The groove size is shown as below



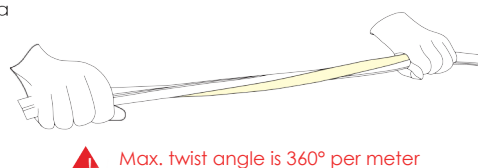
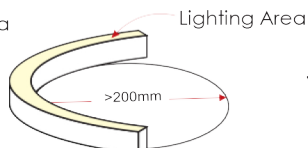
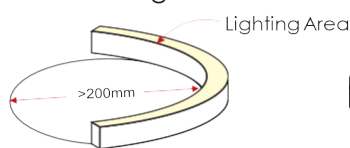
Notice

1. Adopt suitable power supply with power 20% higher than the max. power of luminary, to ensure long time performance of power supply.
2. Do not install it when power is on. Before powering on, make sure the wiring is correct.
3. Avoid privately changing or damaging the circuit or other component on the luminary.
4. Avoid scrape, twist and irregular bend during installation, which might cause non repairable status for the luminary.
5. Minimum bending diameter definition is 200mm [7.87in], too small bending diameter could break the luminary.
6. Max. twist degree is 360° per 1000mm [39.4in.].
7. Luminary linked in over long length will lead to problem of overload or uneven brightness.
8. Only professional personnel can install, dismantle and repair.
9. Bend and twist diagram is shown below.

Top bending



Side bending



LUXYLED EVO8.5 - SIDE BENDING

FINISH : WHITE

°K : 2700, 3000, 3500, 4000, 5000, 6500

VOLTAGE : 24Vdc

W/mt: 5W-350lm/mt - 9W-550lm/mt

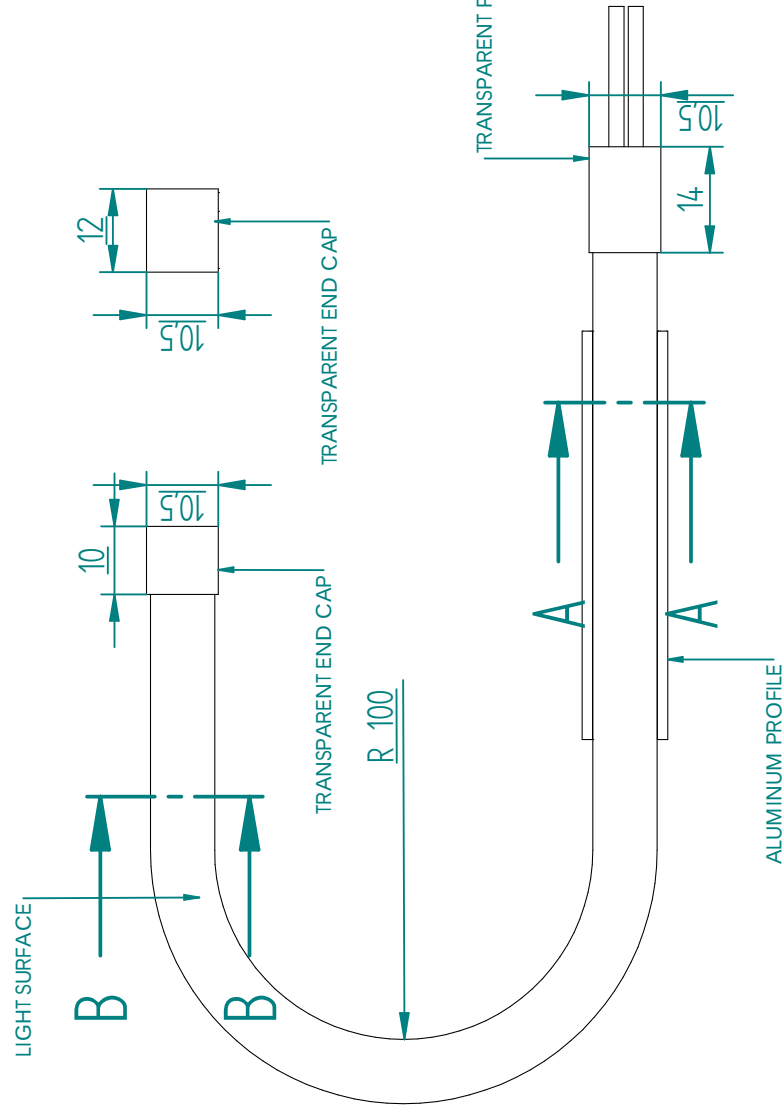
IP GRADE : IP65

BEAM ANGLE : 120°

CUTTING UNIT : ZERO MODULES

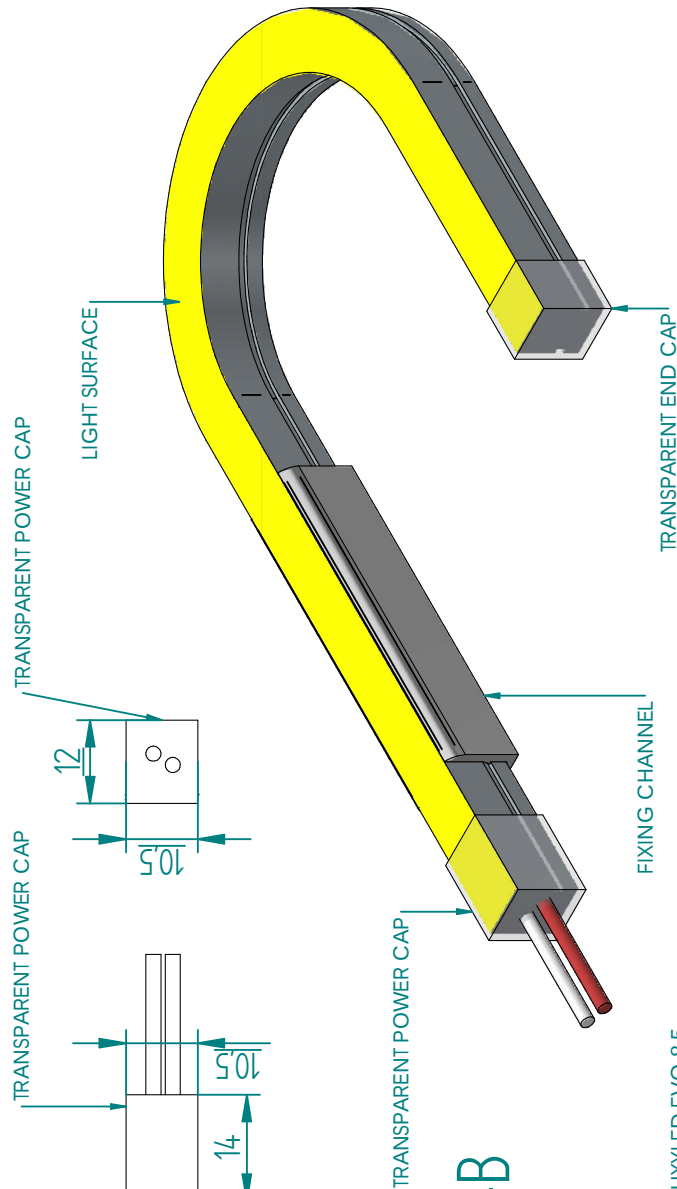
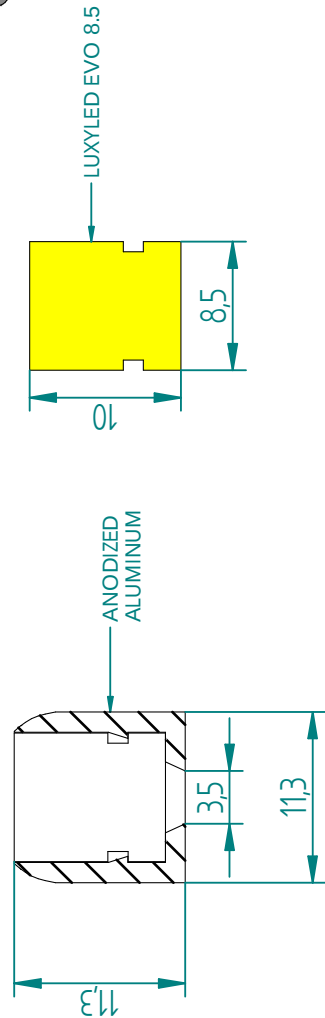
MINIMUM BENDING RADIUS: 100mm

MAX. ILLUMINABLE LENGHT : 10mt (SINGLE CONNECTION) FOR 5W
5mt (SINGLE CONNECTION) FOR 9W



SECTION A-A

SECTION B-B



REVISIONE

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DATA SHEET

LUXYLED EVO8.5 - SIDE BEND

Promotech-italia s.r.l.

PROMOTECH

TECHNICAL DEPARTMENT