

ALTRALUCE

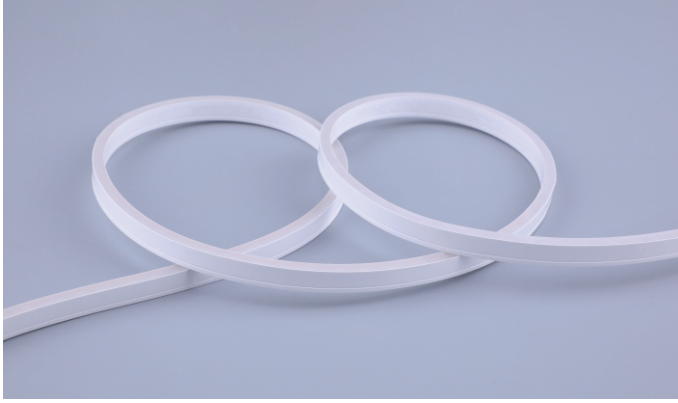
SLIGHT SERIES

Free-Cutting Side Bend

60850-51-52 (4.5 W/M)

60803-04-05 (9.0 W/M)

Flex Light



Features

1. Super flexible bending performance with ultra-slim size.
2. Plane profile supports flush mounting in the groove of furniture.
3. Uniform, dot-free, smooth and comfortable lighting up to 5M [16.4ft.] run length.
4. On field cuttable and assembly to be any length.
5. IP54 for indoor usage.
6. Dimmable available with PWM signal.
7. Compared with traditional fragile glass and harden/yellowing easily PVC sheathing material, silicon extrusion technology is an advanced process, with high-efficiency production capacity and environmentally-friendly characteristics. Additionally, with high grade appearance, soft bend flexibility, strong impact resistant and high weather resistance.
8. 50,000h long lifespan, 5 years warranty, for indoor usage.
9. CE & UL approval.

Application

- Indoor furniture decorative lighting.



Specification

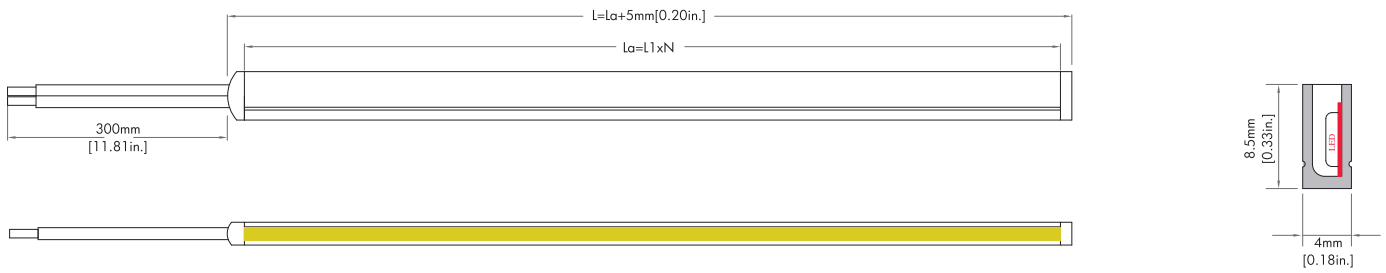
Dimension / Diagram

L: Total length
 Lb: Illumination surface length
 N: Number such as 1,2,3.....N

La: length of LED strip light
 L1: Increment

Side Bend 60850-51-52 / 60803-04-05

Power Rear Feed



L: Total length, La: Strip Length, L1: Min. Length, N=1,2,3.....

General Parameters

Part No.	Style	Dimension	Max. Length (La)	Increment (L1)	LED Type	LED QTY	IP Rating	Operating Ambient	Lifespan	Warranty
60850 60851 60852	Side Bend	W4xH8.5mm [W0.16xH0.33in.]	10M-4.5W/M	Free cut to be any length	SMD 2216	240LED/M [73LED/ft.]	IP54 [Damp] (indoor)	Ta: -20~45°C [-4~113°F]	50,000h (L70@ Tc≤65°C[149°F]) Tc is the temp. of LED pin.)	5 years
60803 60804 60805			5M-9W/M							

Photoelectric Parameters

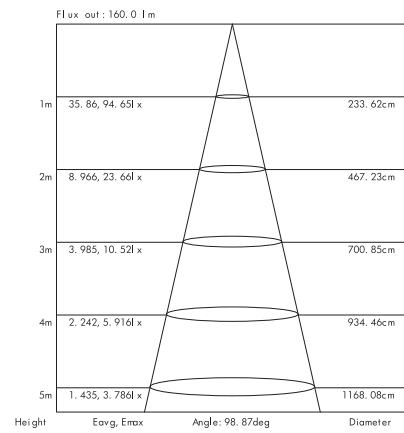
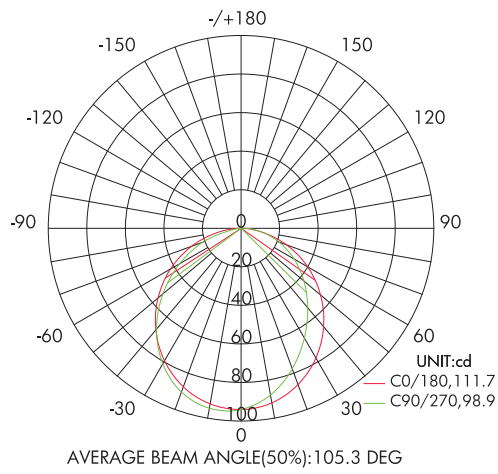
Part No.	Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	CRI80, 4000K		CRI90, 4000K		Beam Angle
					Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	Light Efficiency	
60850 60851 60852	Side Bend	4.5 W/M	24VDC	2700K +/-120K	\	\	115.0 lm/M 4.5 W/M	26 lm/W	120°
60803 60804 60805		9.0 W/M		2700K +/-120K					

Other CCT on demand

Note:

- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6000K is the same, compared with 4000K.
- (2) The Max. Length (La) is defined as power fed on one side.
- (3) Installation accessories pack should be ordered separately according to specific case.

Light Distribution Diagram

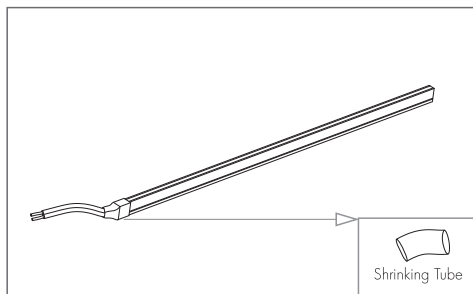


Side Bend, (9W [2.74W/ft.], CRI90, 4000K)

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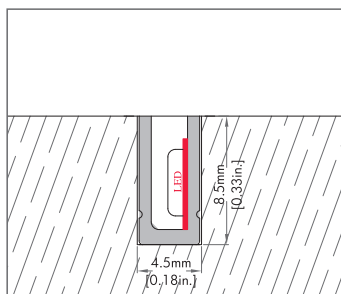
Assembly & Installation

(1) Power cable in rear feed.



Note: Applied with shrinking tube for the power feeder side.

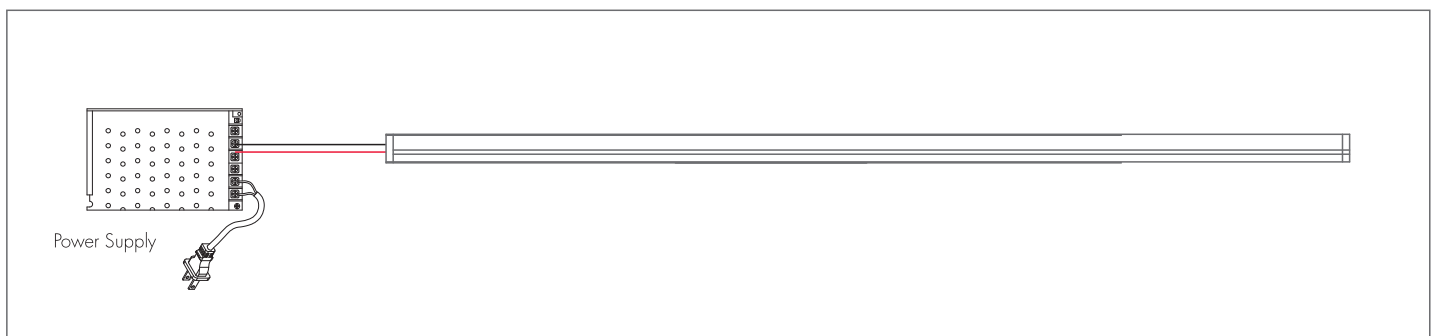
(2) Flush mounting in the groove by gluing process, or by pressing without glue.



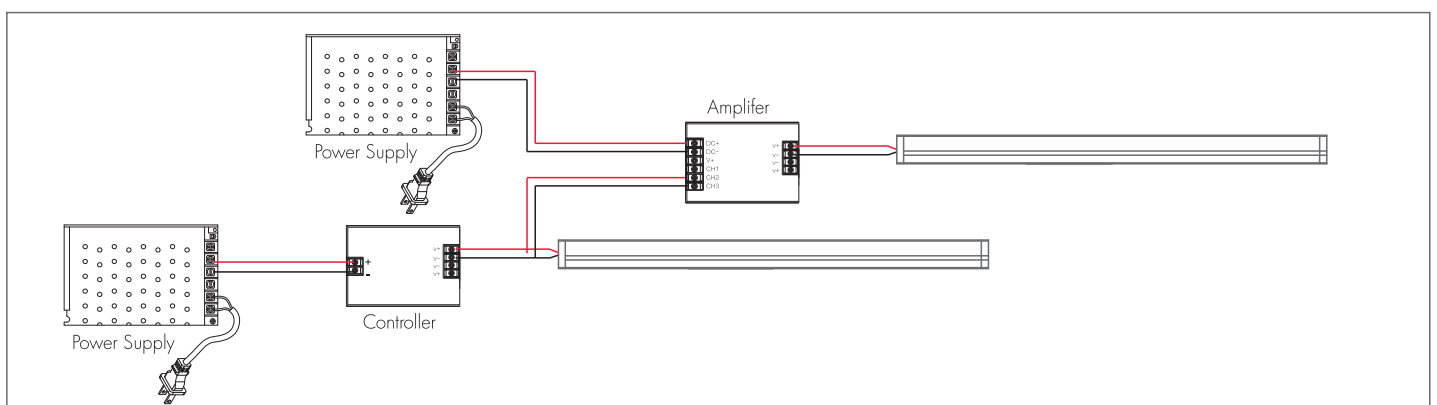
Note: Groove size requirement for flush mounted.

Connection

Non-dimmable Method



Dimmable Method



Notice

1. Adopt suitable power supply with power is 20% higher than the max. power of product, 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 product.
4. Avoid scrape, twist and irregular bend during installation, which might cause non repairable status for the product.
5. Minimum bending diameter definition is 30mm[1.18in.], too small bending diameter will break the product.
6. Minimum twist degree is 360° per 300mm[11.8in.] length.
7. Product linked in over long length will lead to problem of overload or uneven brightness.
8. To protect your eyes, do not stare at the product for a long time while it's illuminated.
9. Only professional personnel can install, dismantle and repair.
10. Bend and twist diagram is shown as below.

