

ALTRALUCE

FLEXCITE SERIES

Flex Light

Free Cutting Dual Bend 60870-71-72

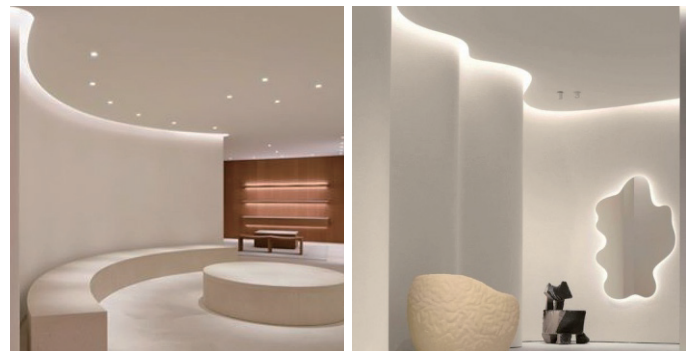


Features

1. Dual bend performance to fix many plane, curved and complex irregular structures at will.
2. Static white, dynamic CCT, Dim-to-Warm and colorful RGB modes can be realized in small size jacket.
3. On-site free-cutting and assembly for fast and flexible customization operation, with end cap sealed by gluing process.
4. Customized length with overall appearance in the same size by die-casting process.
5. Dimmable available with PWM signal.
6. 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.
7. Up to 50,000h LED lifespan and 5 years warranty.
8. IP67 for indoor and outdoor usage, CE and UL approval.

Application

Ideal for decorative and contour lighting for commercial, architectural and landscape space.



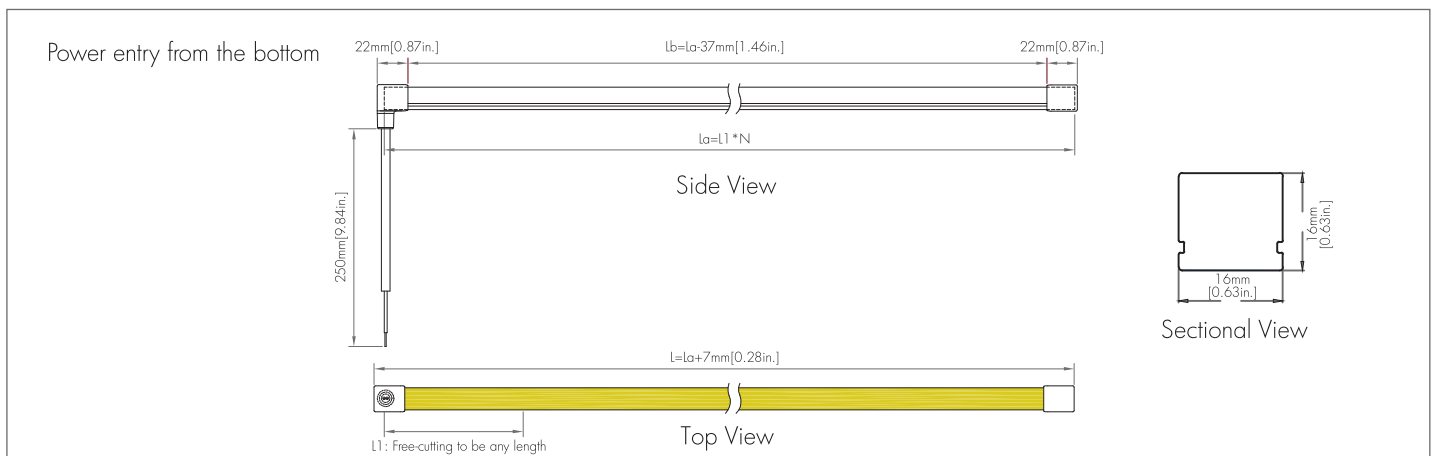
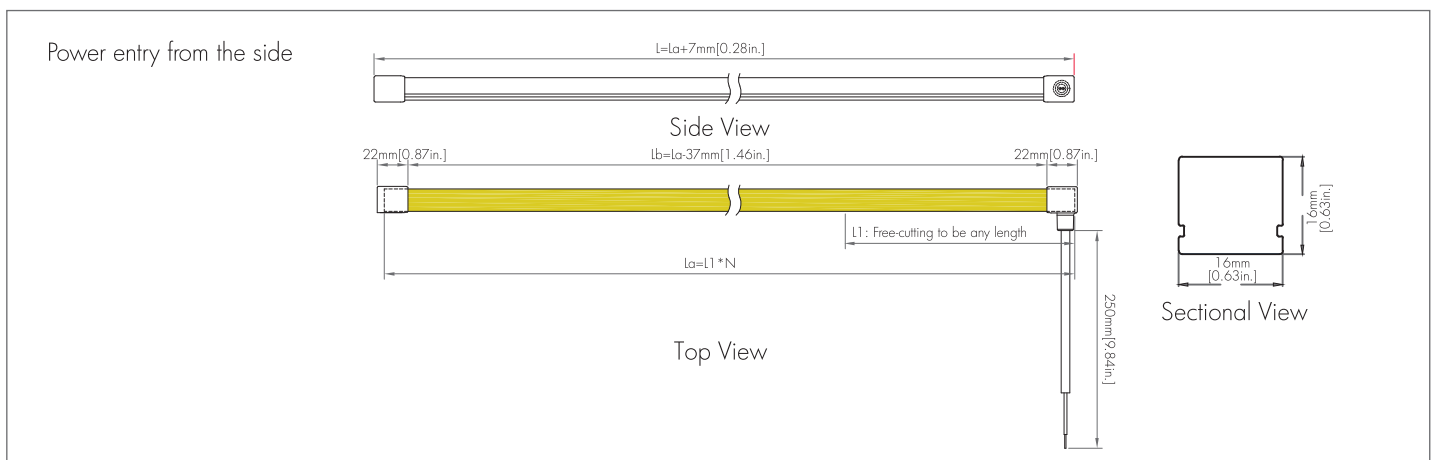
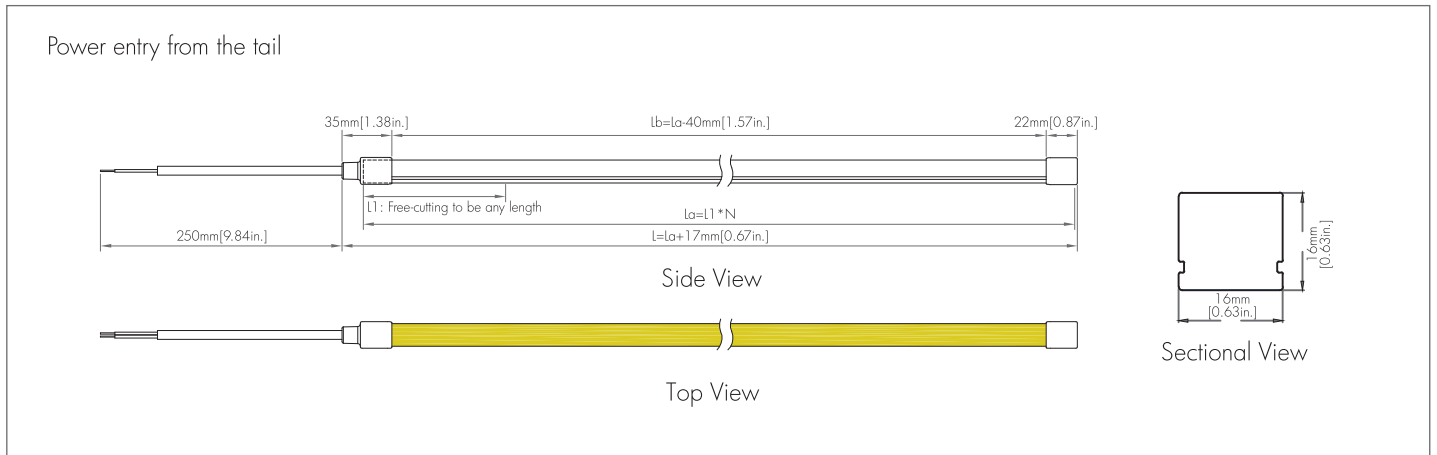
Flex Light

Specification

Dimension / Diagram

Endcap sealed by gluing process

L: Total length
 Lb: Luminous length
 N: Number such as 1, 2, 3.....
 La: Length of inner LED strip
 L1: Increment



Flex Light

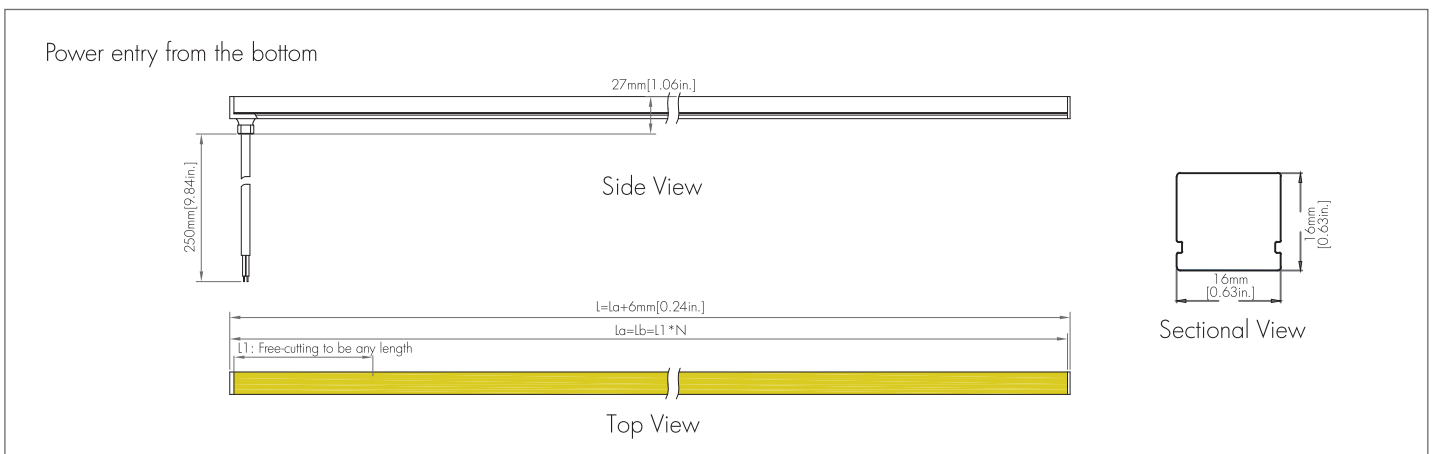
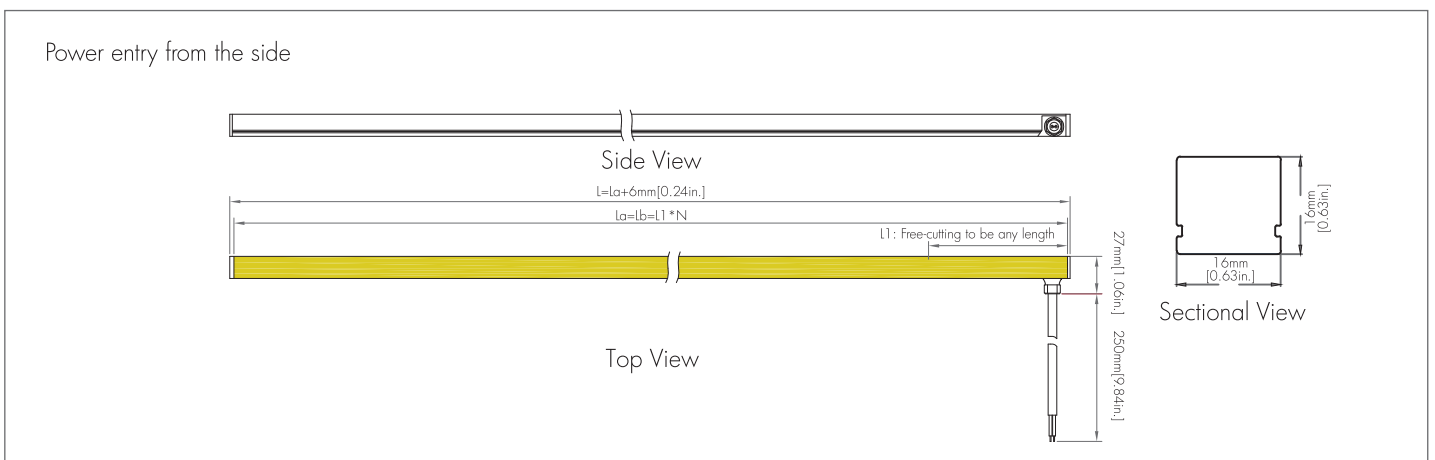
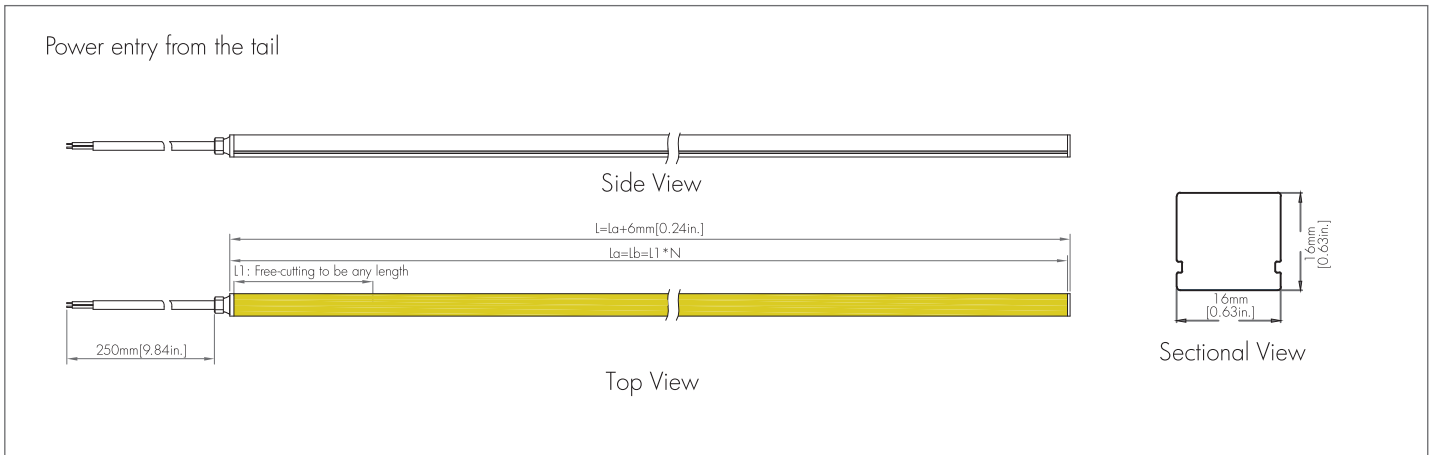
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Flex Light

General Parameters

Part No.	Style	Dimension	Max. Run Length (La)	Strip Increment (L1)	LED Type	LED QTY	IP&IK Rating	Operating Ambient	Lifespan	Warranty
60870 60871 60872	Dual Bend (White)	W16xH16mm [W0.63xH0.63in.]	5M (Power fed on one side) 10M (Power fed on two sides)	Free-cutting to be any length	SMD 2835	120LED/M [36LED/ft.]	IP67 [Wet] & IK06	Ta: -20~45°C [-4~113°F]	50,000h Tc≤65 [149], Tc is the temp. of LED pin.)	5 years

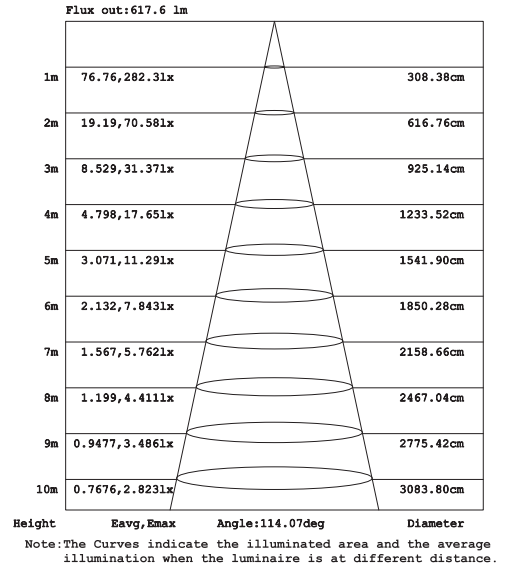
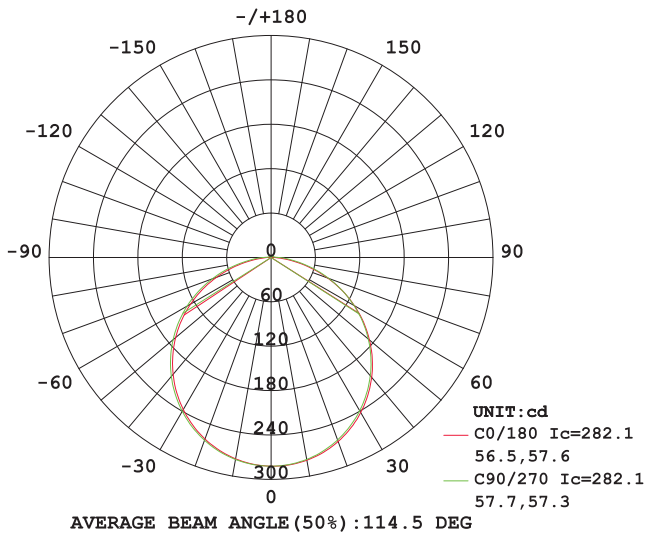
Photoelectric Parameters

Part No.	Style	Power ±10%	Operating Voltage	Finished Product CCT/ Wavelength	IP67 CRI80, 4000K		IP67 CRI90, 4000K		Beam Angle
					Luminous Flux±10%	Light Efficiency	Luminous Flux±10%	Light Efficiency	
60870 60871 60872	Dual Bend	14W/M [4.27W/ft.]	24VDC	2700K±120K 3000K±150K 4000K±300K Other CCT on demand	840lm/M [260lm/ft.]	\	710lm/M [220lm/ft.]	\	120°

Note:

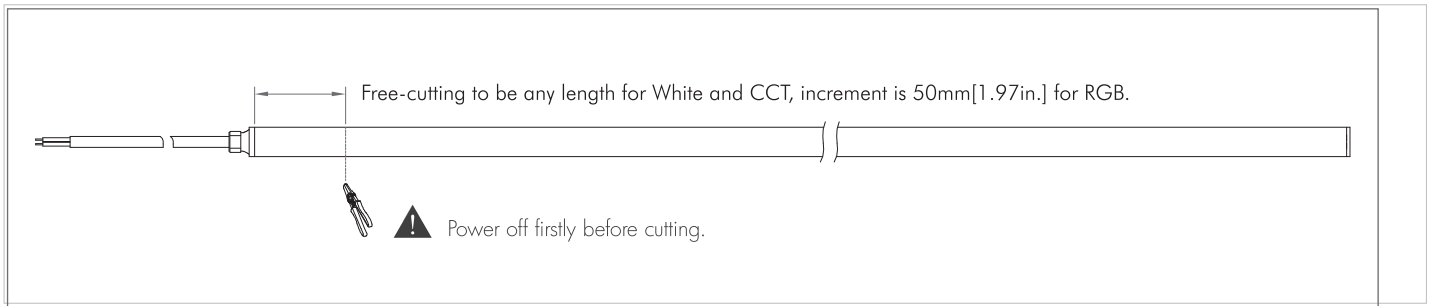
- (1) Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6000K is the same, compared with 4000K.
- (2) The power of the strip need to be reduced to 9W/M[2.74W/ft.]@White&CCT for operating ambient temperature in -20~55°C[-4~131°F].
- (3) Installation accessories pack should be ordered separately according to specific case.

Light Distribution Diagram

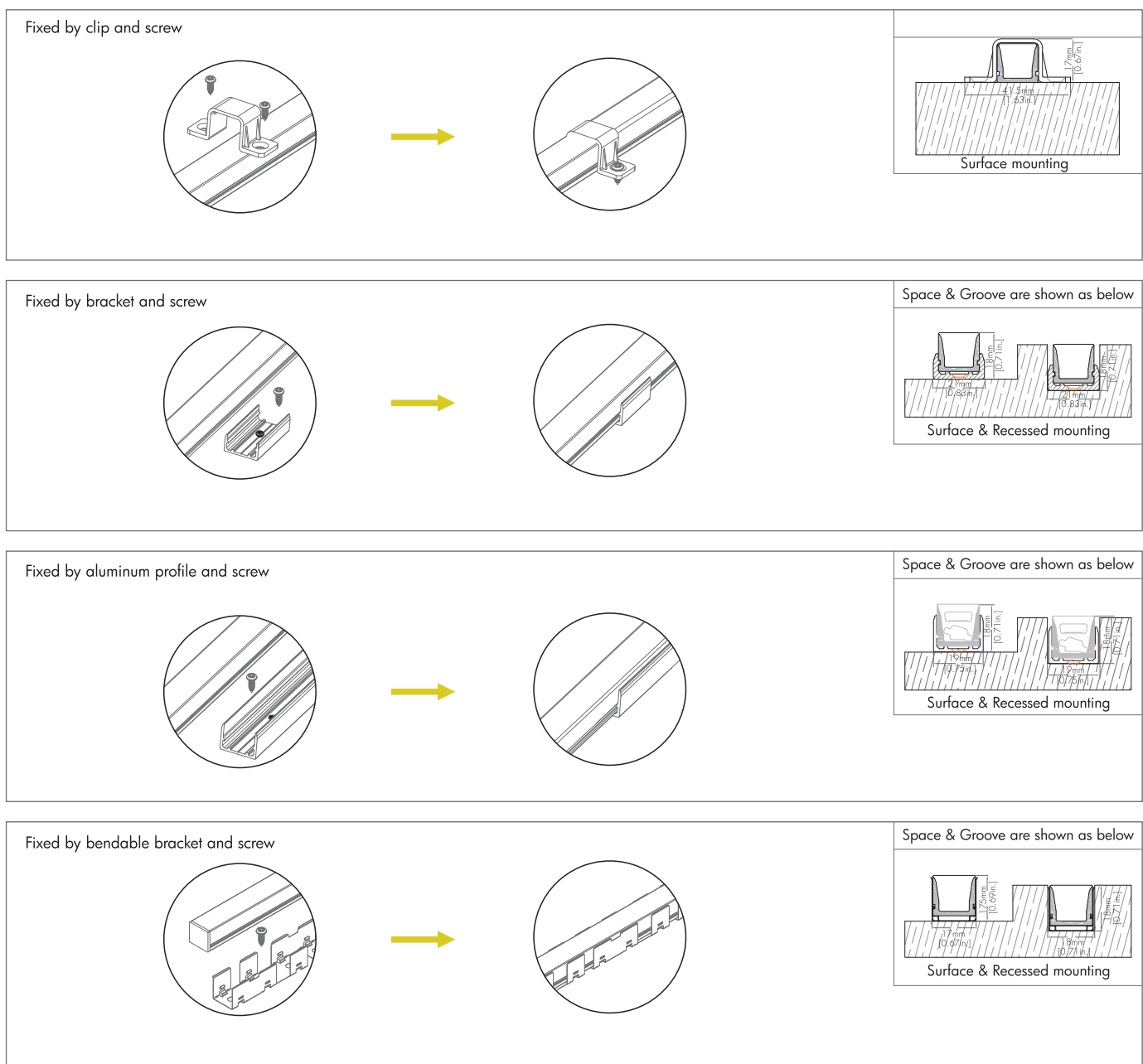


White, 4000K, CRI80

Cutting



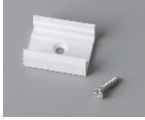

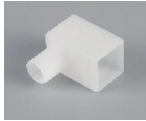




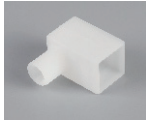

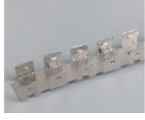


Installation



Note: It's also support surface & recessed mounting by gluing process.

Accessories

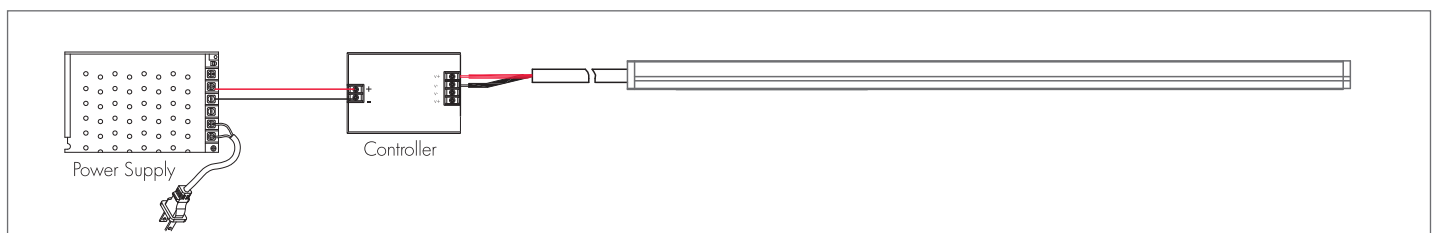
Power Cable Entry (Endcap sealed by gluing process)	Front Cap (Endcap sealed by gluing process)	End Cap (Endcap sealed by gluing process)	Mounting Method	Glue (Endcap sealed by gluing process)
Rear feed 	Rear feed 		Bracket 	
Side feed 	Side feed 		Clip 	
Bottom feed 	Bottom feed 		Aluminum Channel 	
			Bendable Bracket 	

Connection

White (Non-dimmable status)



White (Dimmable status)



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 120mm[4.72in.] for top bend and 280mm[11in.] for side bend, too small bending diameter will break the product.
6. Minimum twist angle definition, is 360° per 1000mm[39.4in.] 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.

