

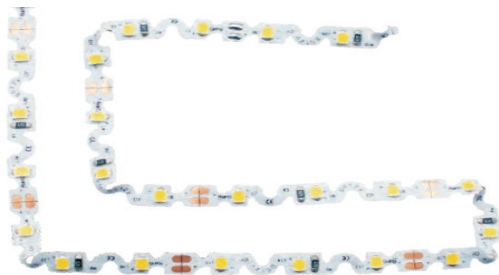


LED Strip Light

Plus Series

Irregular Bending Series

AX-3W S SHAPE



IP RATE	SKETCH MAP	FEATURE
IP20 DC Series		Non-Waterproof
IP54 DC Series		Anti Splash Water Tiny Size Changed Glue Dripping Process
IP65 DC Series		Anti Spray Water Tiny Color Shift Silicon Tube Process
IP67 DC Series		Immerse In Water For Short Time U-Shape Tube + Glue Pouring Process
IP68 DC Series		Immerse In Water For Long Time U-Shape Tube + Glue Injected Process
IP54 Plus DC Series		Anti Splash Water Tiny Size Changed No Color Shift Silicon Extrusion Process In Molding
IP67 Plus DC Series		Immerse In Water For Short Time No Color Shift Silicon Extrusion Process In Molding
IP68 Plus DC Series		Immerse In Water For Long Time Silicon Extrusion Process In Molding
Indoor/ Outdoor AC Series		Anti Splash/Spray Water Tiny Color Shift PVC Extrusion Process In Molding

Feature

1. Plus Series using top quality material, such as Epistar chip, Intermatix phosphor powder, ShinEtsu/Dow Corning glue, Heraeus 99.99% pure golden wire, pure copper etc.
2. Irregular Bending Series in S-Bend appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormality mount scene.
3. Dimmable available.
4. A variety of waterproof types optional.
5. Convenient cuttable and linkable operation.
6. 36,000h long lifespan, 2 years warranty, UL & TUV-CE approval.

Application

1. Decoration and backlight for showcase, advertising, display board, signage, mirror and glass.
2. Indirect lighting for hotel, garden, bridge, cove, theatre and lift.
3. Furniture, goods shelf, cabinet.
4. Corridor, ceiling, stair, floor.

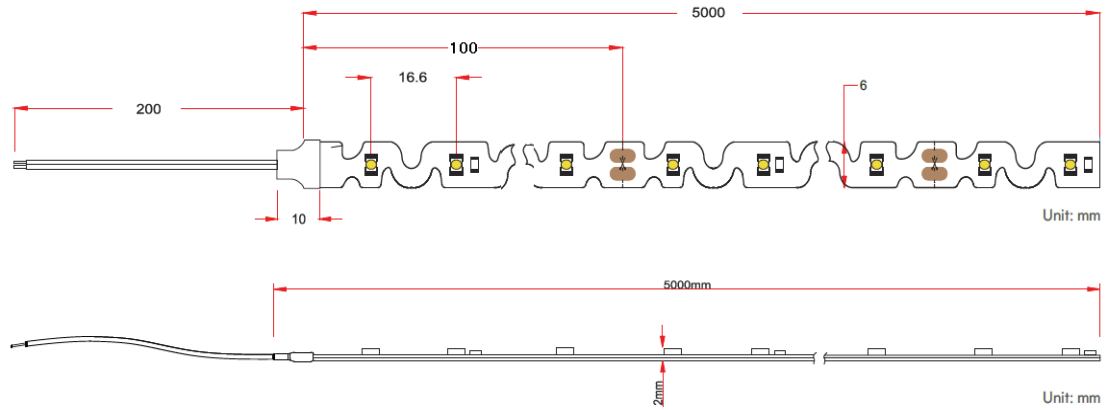


Specification

Dimension / Diagram



Dimension / Diagram



General Parameters

Part No.	Dimension	Standard Length	Min. Unit	LED Type	PCB Type	LED QTY	IP Rate	Application Condition	Lifespan	Warranty
AX-3W S SHAPE	W6*H2mm	5M	50mm	SMD2835 White	White FPC, (surface treatment in OSP)	60LED/M	IP20	(Operating Ambient) Ta: -20~45°C RH: <75% (Installation Ambient) Ta: 0~45°C	36,000h (L70B50@ Tc<65°C, Tc is the temp. of LED pin)	2 years

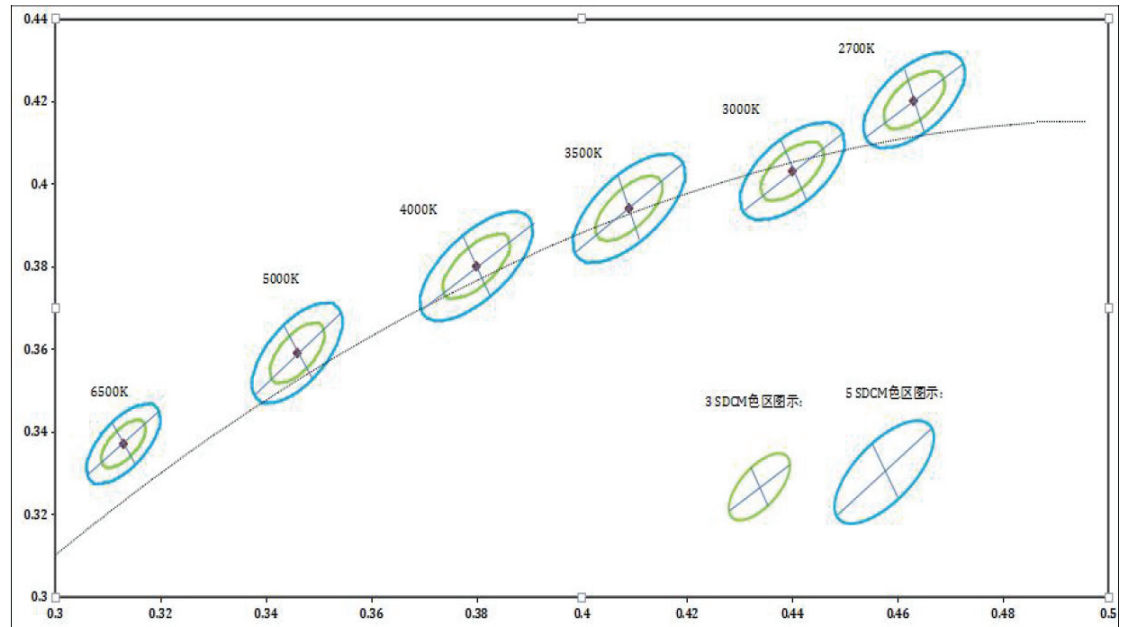
Photoelectric Parameters

Part No.	Power ±10%	Operating Voltage	LED Current	IP20	CRI80, 2700K		CRI90, 2700K	CRI95, 2700K	Beam Angle
				LED CCT / Wavelength	Luminous Flux ±10%	Light Efficiency	Luminous Flux ±10%	Luminous Flux ±10%	
AX-3W S SHAPE	4.8W/M	24VDC	18~22mA/LED	ErP / ANSI Norm 5 SDCM: 2700/3000/ 3500/4000/ 5000/6500K	420lm/M	88lm/W	350lm/M		120°

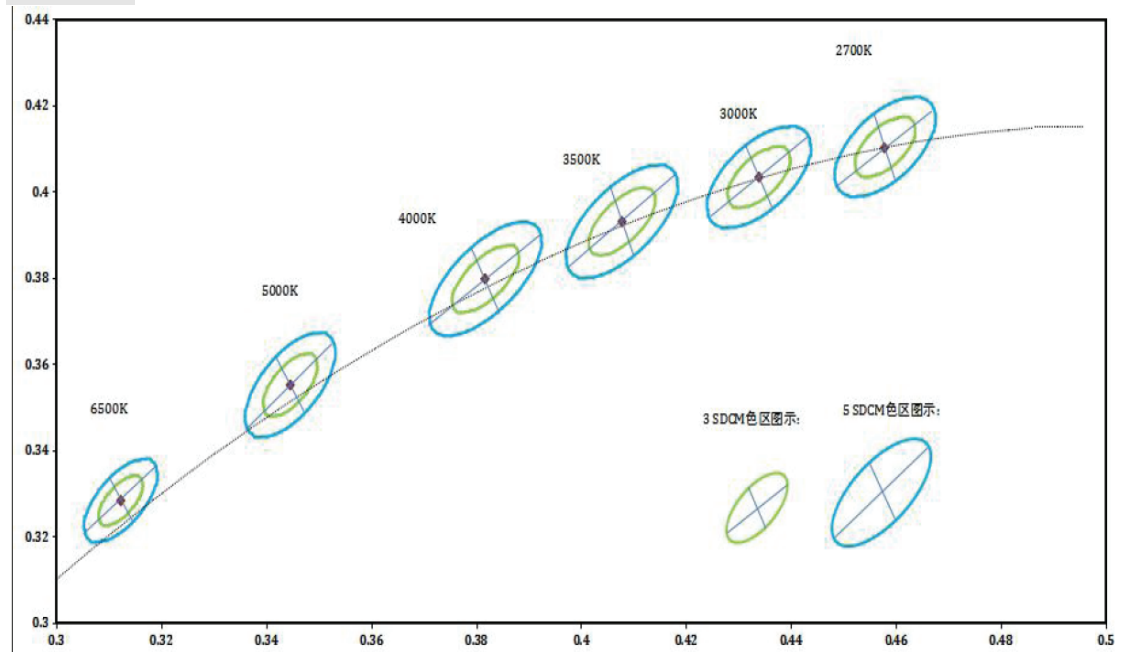
Note:

- (1) All above parameters are base on naked LED strip, auxiliary head sink is required for more advanced parameters, please refer to our suggestion.
- (2) Luminous Flux for CCT 3000K is 5% higher, for CCT 3500/4000/5000/6500K is 10% higher, compared with CCT 2700K.
- (3) Dimension tolerance definition: length is±20mm, width and height is ± 0.2mm.
- (4) 3M 300LSE yellow adhesive tape, is standard configuration of Plus Series.
- (5) Two ends of 200mm red/white silicon cable or 150mm waterproof connector kit base on IP rated, is standard configuration of Plus Series.

ErP Norm



ANSI Norm



General Characteristics

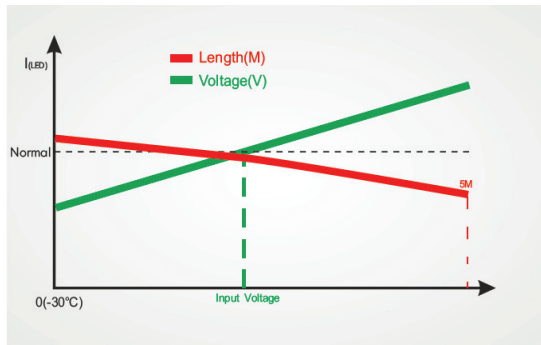


Diagram 1: Curve graph of performance characteristic

1. Working Voltage

In order to have better product performance, the precision range of input voltage should be within 5%. Otherwise, it would have uneven brightness, or lifetime reduced. Pls refer to green curve on diagram 1.

2. Linkable Length

In order to have better product performance, it's suggested to have double sided wiring for 5M strip. For longer length strip, it's recommended to have parallel connection. Single sided wiring or linked too long, would have uneven brightness. Please refer to red curve on diagram 1.

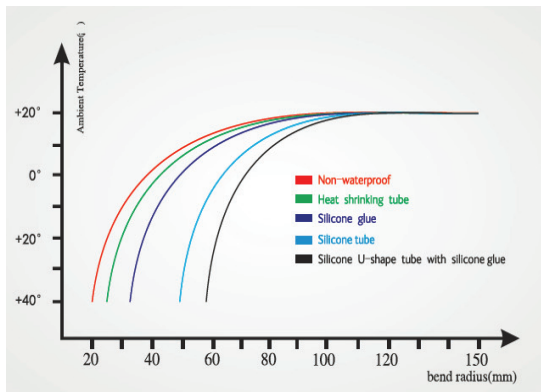


Diagram2: Reverse Curve

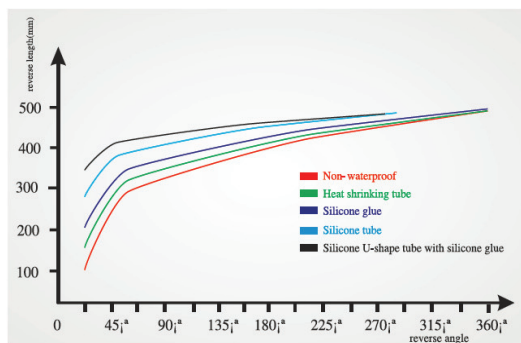
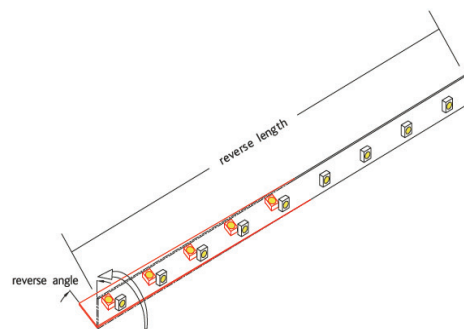
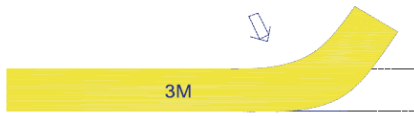


Diagram3: Reverse Curve

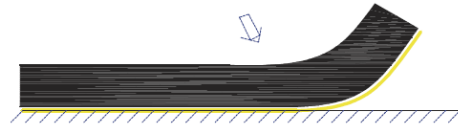


As reference, datas on reverse curve only for ambient temperature more than 0 degree celsius.

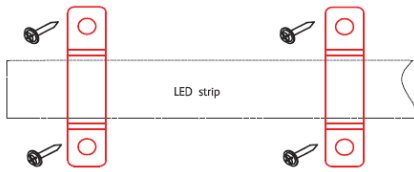
Installation



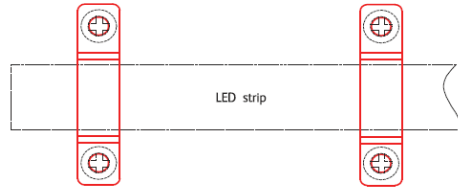
Peel off 3M tape



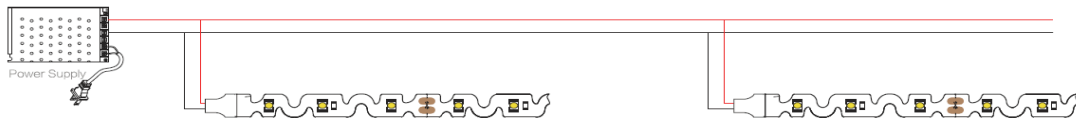
Stick the 3M



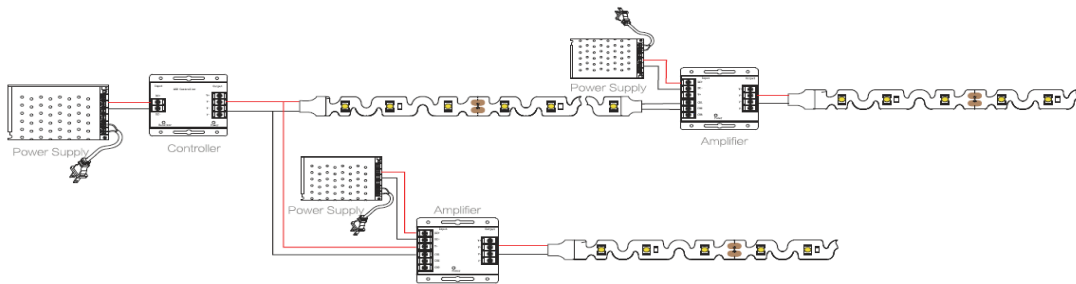
Install with clips



Fix with screws



1). Non-dimmable Strip



2). Dimmable Strip