



3014 Sideview Strip

Sideview

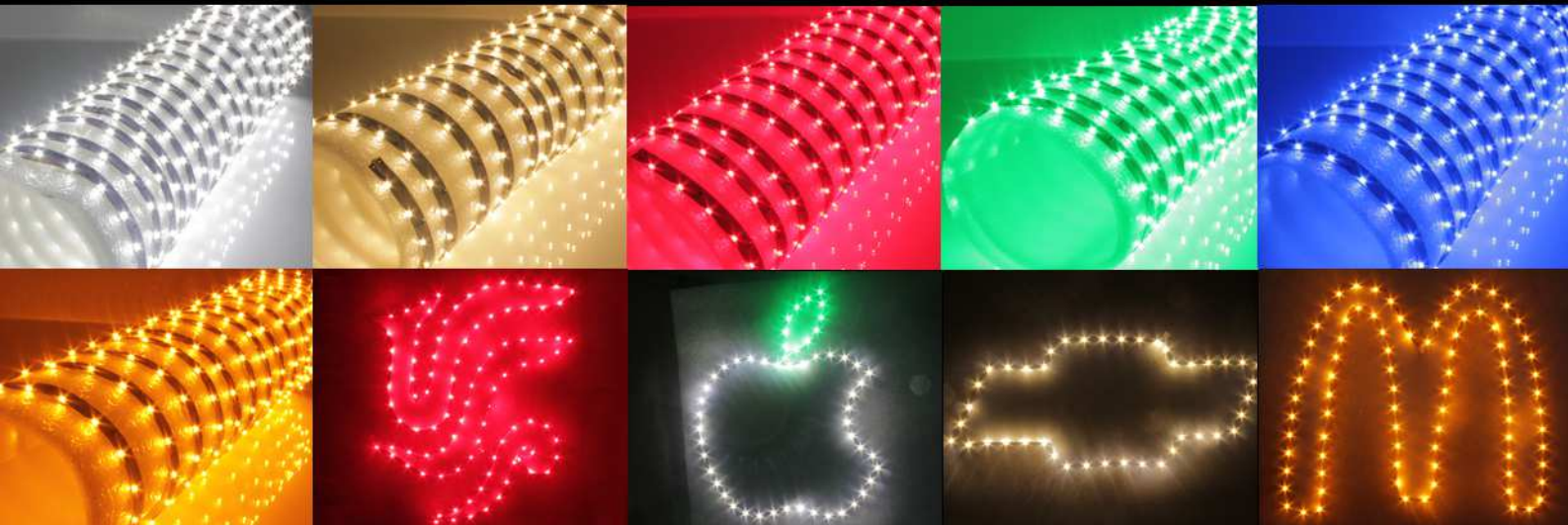
EPISTAR

3014 SMD

3 Year Warranty



IP20/67





Product Feature

Great light source

For GLU Side view strip, top quality Epistar chip 3014 side view SMD LEDs are used as light sources instead of normal 335 or 3010 SMD, with high lumen output for white around 10-12lm for each LED which make the whole strip with high brightness.

Double-faced soft FPC

GLU LED Strip light use high tech. double-faced FPC with thicker copper layer, which ensure the good electrical conductivity and lower voltage drop, however for many other suppliers they use single faced soft PCB.

Different density for different applications

GLU LED strip light, we offer 60led/m and 120led/m with 8mm width PCB for different brightness requirements and applications.

Flexible in length suitable for different applications

GLU LED strip light, the standard length is 5 meters/reel, but we can offer different length strip, such as 1meter, 2meters, 3meters, 4meters etc. suitable for different applications.

Non-waterproof and waterproof available

For GLU side view LED strip we offer both non-waterproof and IP67 with silicone tube version for different environment requirements.

Different colors for choice for different applications

GLU sideview LED strip, we offer cold white, natural white, warm white, red, green, blue, yellow for different applications.

Environmental friendly

GLU LED strips are complied with CE and RoHS standard without harmful substance, such as lead or Mercury etc.

3 Years warranty

GLU LED strips are use good materials and super light sources with low lumens depreciation, which make the strips with long life-span over 80, 000 hours, and we offer 3 years warranty.



Product Parameter

Absolute Maximum Rating at IA=25°C

parameter	Symbol	Absolute Maximum Rating				Unit
		FCN-SV-W-60	FCN-SV-R/G/B/Y-60	FCN-SV-W-120	FCN-SV-R/G/B/Y-120	
Forward Current	IF	260/520	180/360	520/1040	360/720	mA
Forward Voltage	VF	DC24V/DC12V				V
Electrostatic discharge	ESD	800				V
Operating Temperature	Topr	-25~+60				°C
Storage Temperature	Tstg	-40~+80				°C

Electrical / Optical Characteristics at TA=25°C

Part No.	Color	CCT/WLD	Lumen Flux	Current	Power	Working Voltage	View Angle
FCN-SV-W-60	White	6000-6500K	490lm	0.26A/ 0.52A	6.24W	24VDC/ 12VDC	120°
FCN-SV-NW-60	Natural white	4000-4500K	470lm				
FCN-SV-WW-60	Warm white	2800-3200k	400lm				
FCN-SV-R-60	Red	620-630nm	96lm	0.18A/ 0.36A	4.32W	24VDC/ 12VDC	120°
FCN-SV-G-60	Green	520-525nm	265lm				
FCN-SV-B-60	Blue	460-470nm	60lm				
FCN-SV-Y-60	Yellow	588-590nm	93lm				
FCN-SV-W-120	White	6000-6500K	980lm	0.52A/ 1.04A	12.4W	24VDC/ 12VDC	120°
FCN-SV-NW-120	Natural white	4000-4500K	960lm				
FCN-SV-WW-120	Warm white	2800-3200k	800lm				
FCN-SV-R-120	Red	620-630nm	192lm	0.36A/ 0.72A	8.64W	24VDC/ 12VDC	120°
FCN-SV-G-120	Green	520-525nm	530lm				
FCN-SV-B-120	Blue	460-470nm	120lm				
FCN-SV-Y-120	Yellow	588-590nm	185lm				

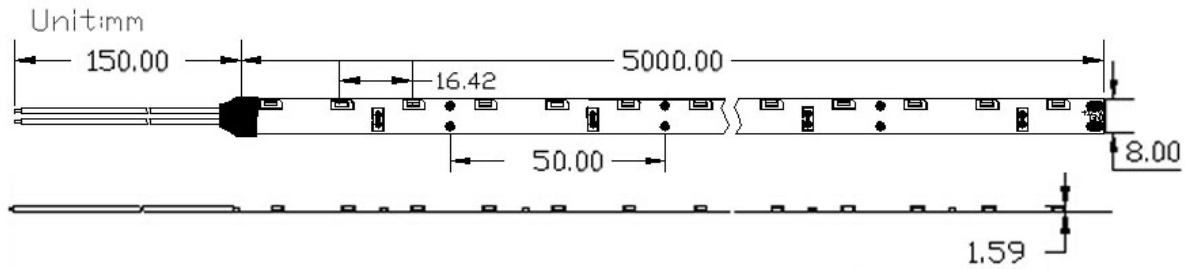
Note:

1. The lumen flux tolerance is $\pm 5\%$;
2. The data above is based on 1 meters;
3. Test Temperature (Ambient temperature: TA=25°C);
4. For white color Ra70 and Ra80 available.

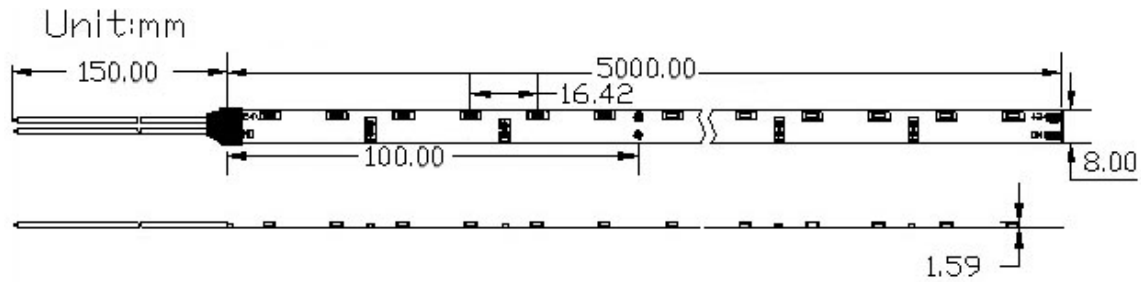


Product Dimension

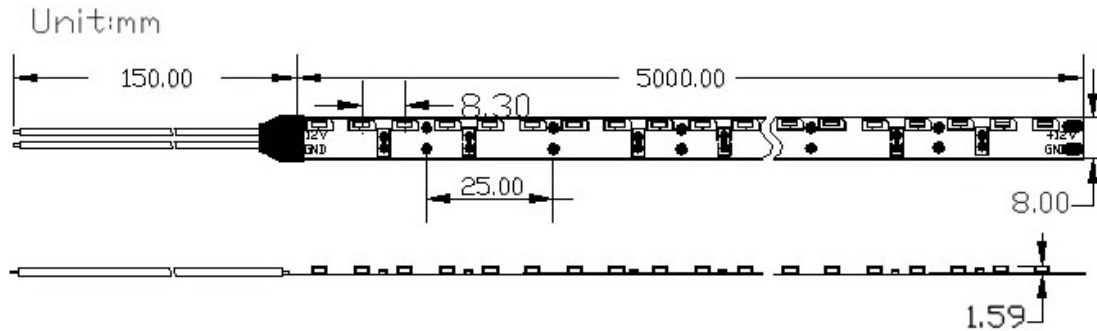
60LED/m DC12V



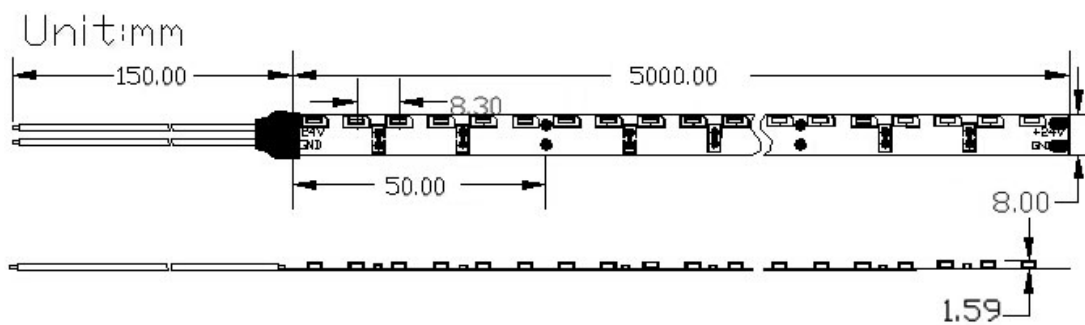
60LED/m DC24V



120LED/m DC12V



120LED/m DC24V

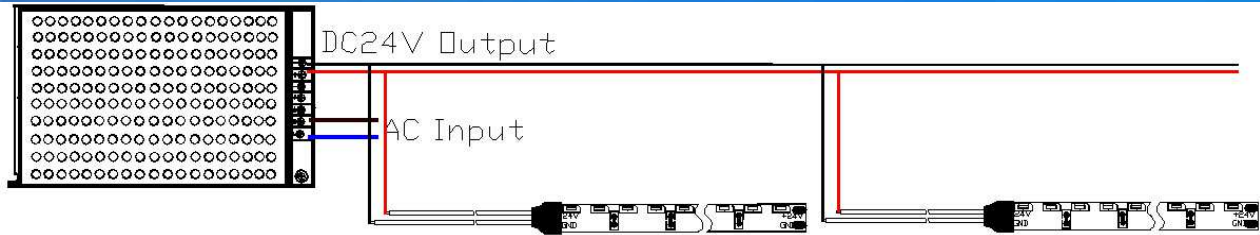


Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is $\pm 0.5\text{mm}$ unless otherwise noted.



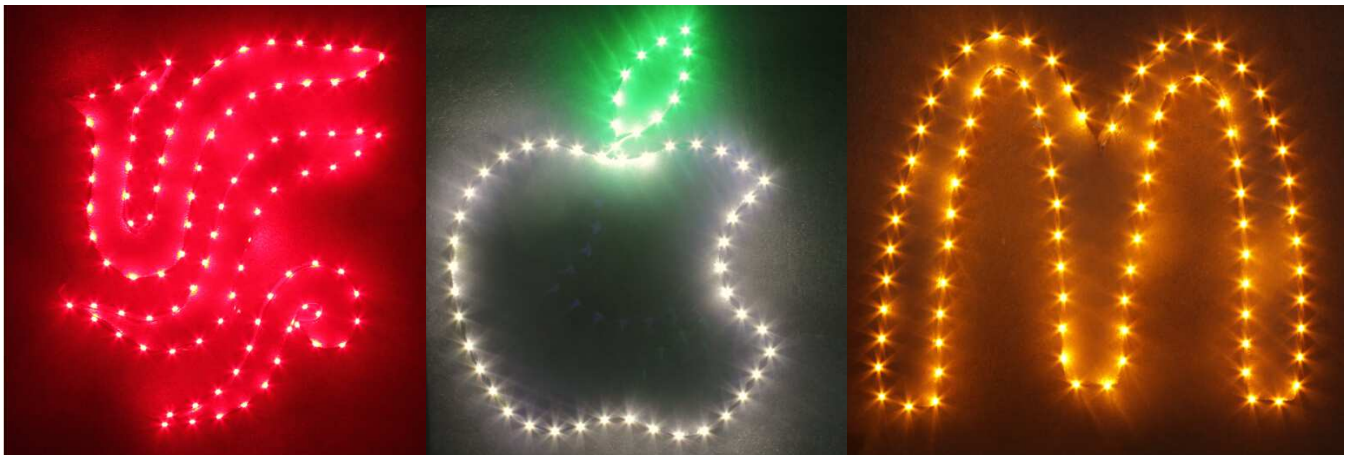
Connecting Diagram



1. The strip is with high brightness SMD LED, parallel connection is suggested;
2. **The strip must be installed in a ventilated place with good heat dissipation.**

Product Application

For Flexible Strips, they can be used as edge light, cove light, furniture light, sign light, backlighting for AdWords, lighting box etc., and widely used as decorative lighting for building outline, sidestep, exhibition stand, hotel, KTV, club etc. And also DIY Light for household use.



Safety Information

- The SMD light ribbon itself and all its components may not be mechanically stressed. Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED light ribbon (with power supplies) needs to be comply with all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations. Correct electrical polarity needs to be observed. Wrong polarity may destroy the ribbon.
- Parallel connection is highly recommended as safe electrical operation mode.



- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the ribbon.
- Please ensure that the power supply is of adequate power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical insulated points between ribbon and the mounting surface.
- Please pay attention to standard ESD precautions when installing the ribbon.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- The strip must installed in a place with good heat dissipation condition. Do never installed the strip impending or on wooden.



Product Packing

