



5630 SMD LED Strip

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SAMSUNG

Ra>80

3 Year Warranty



IP 20





Product Feature

Great light source

Super quality Samsung 5630 SMD LED strip light, II generation 0.5W Samsung 5630 SMD LEDs are used as light sources, with high lumen LEDs 60-65lm for each LED which make the whole strip with high brightness.

High CRI

CRI>80, which give you back a real world.

Double-faced soft FPC

GLU LED Strip light use high tech. double-faced FPC with thicker copper layer, 2 ounces cooper in both sides, which ensure the good electrical conductivity and lower voltage drop, however for many other suppliers they use single faced soft PCB.

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.

Both white and copper PCB available

For GLU LED strip we offer both white and copper PCB with same price to satisfy the different taste from different consumer.

Different colors for choice for different applications

GLU 5630 LED strip, we offer cold white, natural white, warm white 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 TA=25°C

Parameter	Symbol	Absolute Maximum Rating		Unit
Forward Current	IF	1700	850	mA
Forward Voltage	VF	DC12V	DC24V	V
Electrostatic discharge	ESD	5000		V
Operating Temperature	Topr	-25~+60		°C
Storage Temperature	Tstg	-40~+80		°C

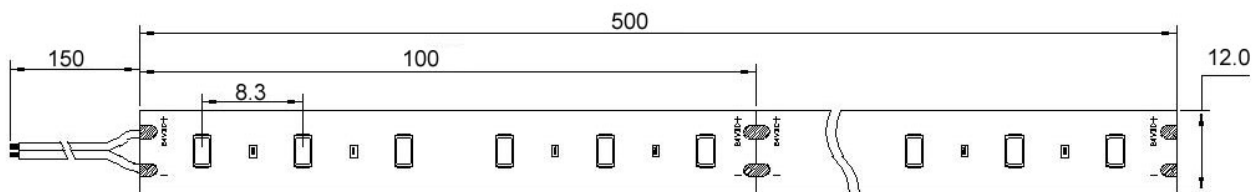
Electrical / Optical Characteristics at TA=25°C

Part No.	Color	CCT/WLD	Lumen Flux	Current	Power	View Angle
FKN-W-60	White	6000-7000K	2380lm	1.7A/ 0.85A	20.4W	120°
FKN-NW-60	Natural white	4000-4500K	2350lm			
FKN-WW-60	Warm white	2800-3200k	2200lm			

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)

Product Dimension



Notes:

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

Connecting Diagram



- ① LED Power Supply
- ② Power Cord, for AC input
- ③④ LED Strip, connected to output terminal, white -, white(gray) +

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 nstalled the strip impending or on wooden.



Product Packing

