



# 5630 CCT-adjustable Strip

5630 SMD

EPISTAR

SAMSUNG

3 Year Warranty



IP 20



GLU-FKN-WC-120





## ※ **Feature**

### **Great light source**

Super 0.5W 5630 SMD LED strip light, top quality Samsung or Epistar chip 5630 SMD LEDs are used as light sources, with high lumen LEDs 50-55lm for each LED which make the whole strip with high brightness.

### **High CRI**

We offer CRI>70 and CRI>80 version for Choice. For CRI>80, we offer Epistar chip and original Samsung 5630 SMD, with high CRI 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, 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.

### **CCT Adjustable by 2 channels controller for different applications**

GLU 5630 LED strip CCT adjustable strip, which can be controlled by 2 channel constant voltage cct adjustable controller, which can achieve different color temperature 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.

## ※ *Technique Data*

Absolute Maximum Rating at TA=25°C

| Parameter               | Symbol | Absolute Maximum Rating | Unit |
|-------------------------|--------|-------------------------|------|
| Forward Current         | IF     | 1800                    | mA   |
| Forward Voltage         | VF     | DC24V                   | V    |
| Electrostatic discharge | ESD    | 800                     | V    |
| Operating Temperature   | Topr   | -25~+60                 | °C   |
| Storage Temperature     | Tstg   | -40~+80                 | °C   |

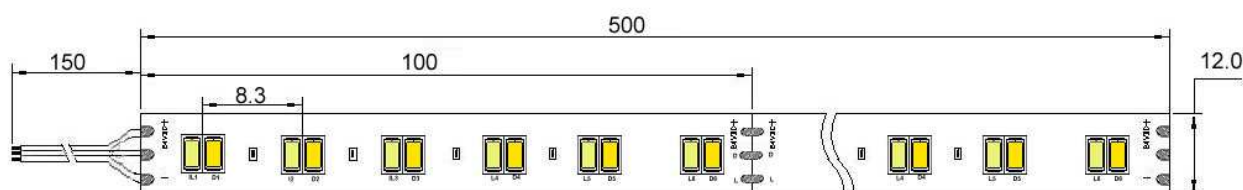
Electrical / Optical Characteristics at TA=25°C

| Part No.   | Color                | CCT/WLD    | Lumen Flux  | Current | Power | View Angle |
|------------|----------------------|------------|-------------|---------|-------|------------|
| FKN-WC-120 | White-<br>Warm white | 2800-7000K | 1840-3820lm | 1.8A    | 43.2W | 120°       |

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)

## ※ *Dimension*



Notes:

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

## ※ *Connection 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.**



## ※ *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*

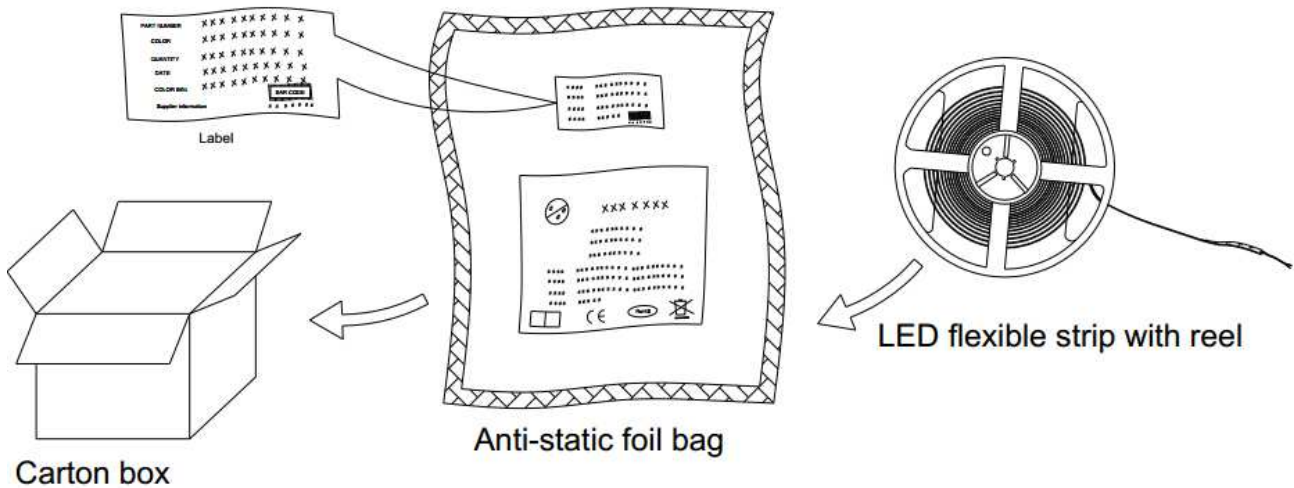
- The SMD light ribbon itself and all its components may not be mechanically stressed. Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED light ribbon (with power supplies) needs to be comply with all applicable electrical and safety standards. Only qualified 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.



### ※ Packing Information



### ※ Contact Information

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