

# SPECIFICATION

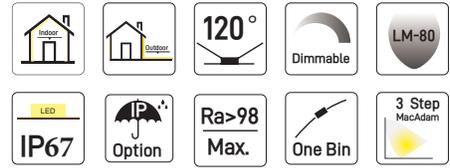
FlexiStrip LED Series

Model: ZZ2835-CV12-72-Wxx-P6-\*

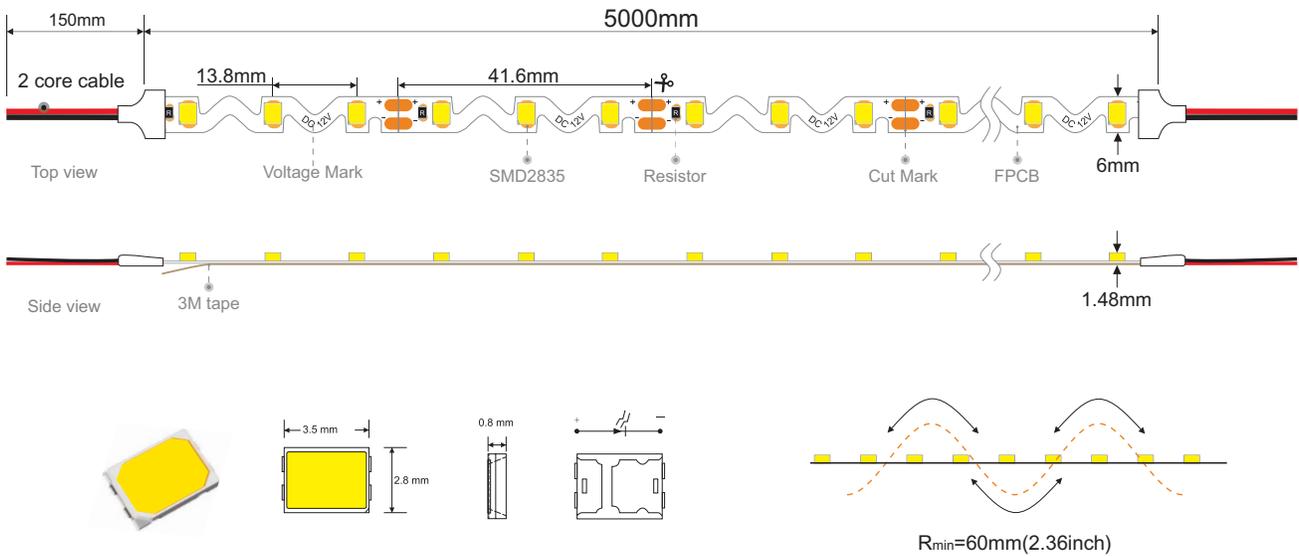


## Product Feature

- LED using high brightness 2835 SMD+flexible FPC ensuring excellent brightness and energy efficiency.
- It can be bend, can be cut, easy to install,flexible application
- Suitable for indoor, outdoor , commercialighting, etc
- Dimmable(PWM, DALI. 0/1-10,Triac)



## Technical Drawing



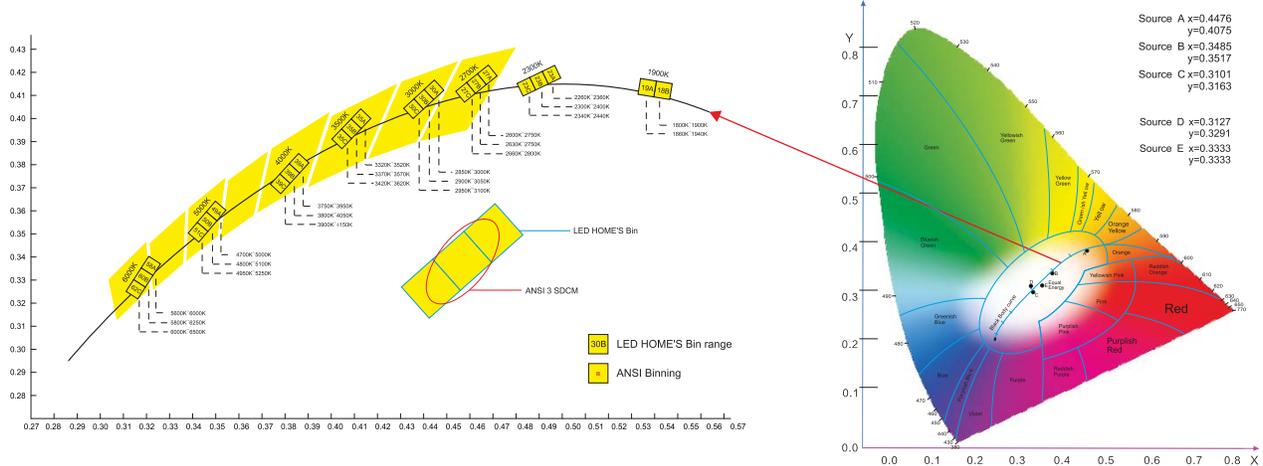
## Light Source

<b>Wire inside chips</b>	99.99% purity golden (1.0um or above diament)
<b>Chip size</b>	Big size chip with high output lumen
<b>Chosphor powder</b>	Mitsubishi or Intermatix phosphor powder
<b>Chip brand</b>	Epistar or brand chip
<b>LED lead frame</b>	100% purity copper LED lead frame
<b>PCB</b>	35U cooper PCB/ double side PCB/ back side of PCB is protection layer
<b>Bin code</b>	One order, one small bin code only, and ledhome can Promise you sereral orders from same one bin
<b>3M tape</b>	300P genuine 3M tape /3M VHB tape
<b>Age testing</b>	Ledhome strip take at least 8hours aging-test
<b>QC checking</b>	3 times QC checking(SMT + PCB jointing+ after aging testing) before packing

## Product Parameters

### Spectroscopic standard

Ensure customers to get the same bin for different orders by using CIE(X,Y) coordinate spectrometer



## Product Specification

<b>SMD Type</b>	2835	<b>IP Rate</b>	IP67	<b>Light controller type</b>	0-10V/1-10V/DMX/DALI/Triac
<b>LEDs Qty/m</b>	72	<b>Light decay</b>	@ 6000Hours	<b>Lifetime</b>	(Lm80) 50000 HRS @45degree
<b>Mains Voltage</b>	DC12V	<b>Luminaire in</b>	CLASS II/III	<b>Emergency availability</b>	/
<b>PCB width</b>	6mm	<b>Control gear type</b>	Constant voltage driver	<b>Operating temperature</b>	Ta: -25~40°C, Tc:75°C(max)
<b>Beam Angle</b>	120°	<b>Driver:</b>	External led driver	<b>Chip</b>	Epistar or other brand chips
<b>Single end Length</b>	5M	<b>Ref:</b>		<b>Deviation (SDCM)</b>	3step MacAdam ellipse
<b>Both ends Length</b>	10M	<b>Warranty:</b>	3years	<b>BIN</b>	One bin only

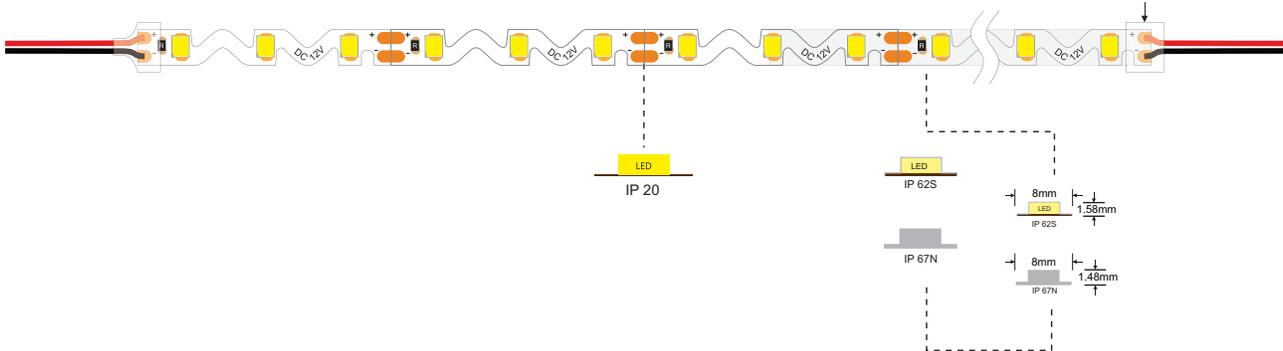
## Photo-electric Parameters

P/N.	Voltage	Power	Color	Lumen/W	Lumen/M
				Ra>80	Ra>80
FL2835-CV12-72-6W-P6-*	DC12V	6W/m	2700K	83	500
			3000K	90	540
			4000K	106	636
			5000K	108	648
			6000K	108	648

Note:

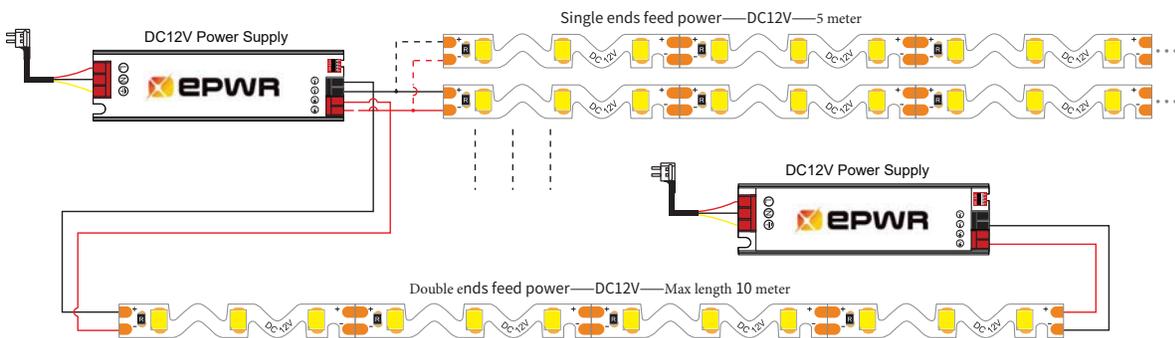
- The above parameters are based on the 1-meter test data;
- The power and lumens of output data can be vary up to 10%.
- Pink, purple, other color customized, pls further contact.

LED Strip Solution

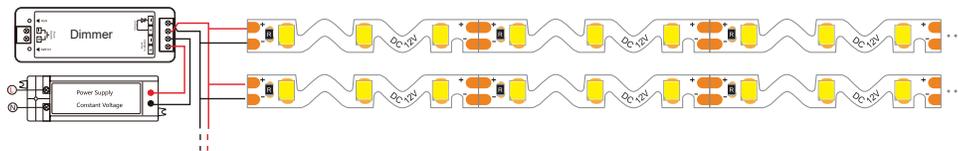


Installation Diagram

1. Regular connection

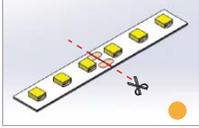


2. Connection with dimmer

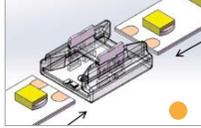


### Installation

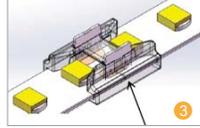
#### 1.Strip to strip Installations



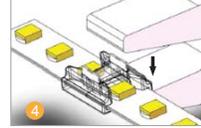
Cut the light strip from the cut point



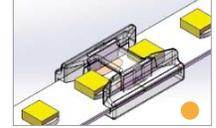
Push the light strip in both directions indicated by arrows.



Push it in to the arrow position.

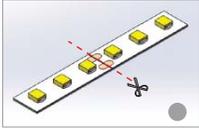


Use pliers to press the iron sheet down flat, clamp one side and then operate the other side.

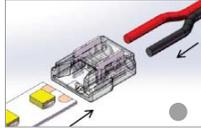


Installation is complete, test the light strip

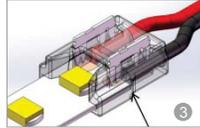
#### 2.Strip to wires Installations



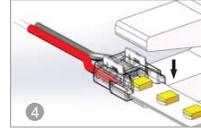
Cut the light strip from the cut point



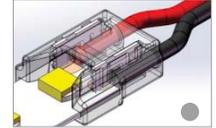
Push the light strip and wire in the direction indicated by the arrow.



Push it in to the arrow position.



Use pliers to press the iron sheet down flat, clamp one side and then operate the other side.



Installation is complete, test the light strip

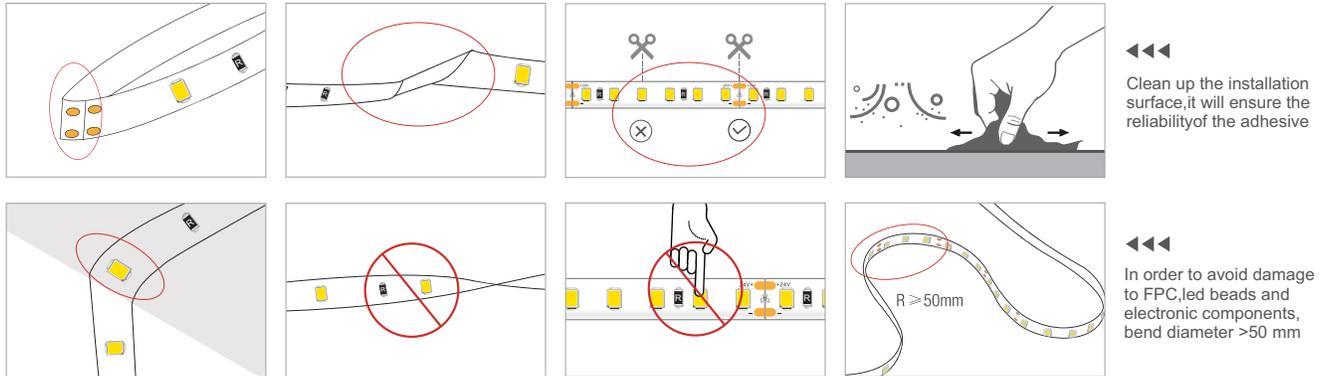


**Cautions** ⚠ The electrical connection process must be operated by a professional person.

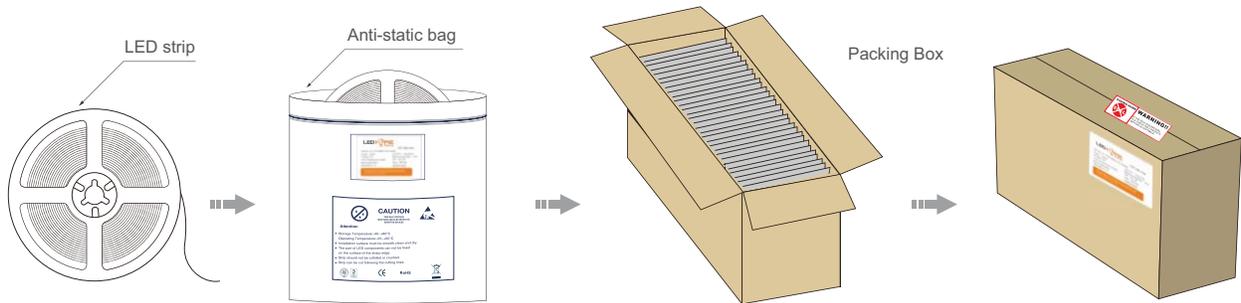
### 12V Power Supply Required

LED strips are low voltage products, you must use the power supply(transformer). Do not connect the led strip directly to the AC 110V or AC 220V, other wise it will burn out the LED strips.

When install the led strip,please note the installation technique, The led strip can be bent,but not distorted,as shown below.



### Packing



Length	Pack	Product quantity/carton	Carton N.W.	Carton G.W.	Carton size
5m/1Reel	50 Reels/carton	250m1carton	14 Lbs	14 Lbs	45*27*30cm

\*Packaging method/data is for reference only, subject to actual conditions

### Notice

- Please apply different IP rate products according to different environment conditions;
- Adopt suitable power supply to match the LED strips, Power is 20% bigger than max power of LED strips to ensure long time performance of power supply;
- Do not install it when power is on. Before powering on, please make sure the wiring is correct;
- Avoid privately changing or damaging the circuit or other component on the strip;
- Avoid scrape or bending during installation, it might be damaged with non repairable status;
- Strip linked in over long length would lead to problem of overload or uneven brightness;
- To protect your eyes, do not stare at the light for a long time while it's illuminated;
- Only professional personnel can install, dismantle and repair;
- Choose different connectors and controllers according to your different strip.