

Constant Current IC Build-In LED Strip Light

Model No.: SELS-2835x60-24-YCC

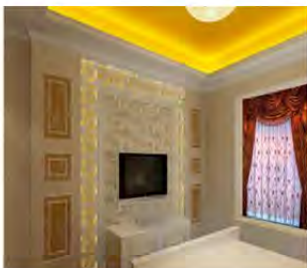


Features:

1. 60led 2835smd/m without resistors;
IC Build-In LED with constant current, ensure each led working in same current to assure longer lifetime;
2. Normal working voltage is 24V DC, wide voltage range can reach from 16V to 40V;
3. Every 6leds as a unit can be cut;
4. Standard packing is 50m per roll; Any other different length can be customized;
5. Different waterproof grade can meet requirements in different use condition;
6. 3 years warranty.

Application:

1. It's widely used as a decorative lights, and use it as the lights;
2. Stage decoration, festival, exhibition, wedding;
3. Backlight of signage, channel letters lighting;
4. LED Luminous characters;
5. Landscape layout lighting;
6. Hotels, night clubs, shopping malls, offices;



Technical Parametes:

LED Type:	60pcs 2835leds/m
Rated Power:	5W/m
Input Voltage:	24V DC
CCT:	3000K、4000K、6500K
CRI:	>80
Beam Angle:	120°
FPCB Width:	10mm, White Color
FPCB Thickness:	3Oz, Double layer,
Working Temperature:	-20°C~+50°C
Storage Temperature:	-20°C~+60°C
Life Span:	50,000Hours
IP Grade:	IP20 / IP65
Dimmable	Yes (support PWM dimmable)
Wire cable:	Both side with 15cm long 20AWG
Package:	Max 50m per roll

Lumens:

Model No.:	CCT	Efficiency ±10%	Lumen ±10%	Energy Efficiency class	Test Condition			
					CRI	Voltage	Power	IP Grade
SELS-2835WW60-24-YCC	3000K	115lm/W	575lm/m	F	>80Ra	DC24V	5W/m	IP20
SELS-2835NW60-24-YCC	4000K	120lm/W	600lm/m	E				
SELS-2835PW60-24-YCC	6500K	125lm/W	625lm/m	E				

NOTE:

1. The above test data of lumens was tested by 1meter of LED Strip with an integration sphere and a spectroradiometer; The strip has been lighting for more 2minutes to fix a power; The test data is just approximate since real lumens depend on the real power, which varies in different production lots (different leds voltage, current, brightness and operating temperature etc.)
2. The LED Strip power above 15W/m, need to use together with Aluminum Profile.

Dimensions:

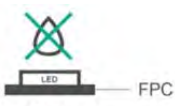


SELS-2835**60-24-IP20CC



SELS-2835**60-24-IP65CC

IP Protection Grade:

 IP20	Non-Waterproof Naked strip, with self-adhesive backing, for indoor or dry location use.
 IP65	Waterproof IP65 Strip surface is covered on top with glue, with self-adhesive backing, for indoor and damp environment, can protect sprayed water from all direction.

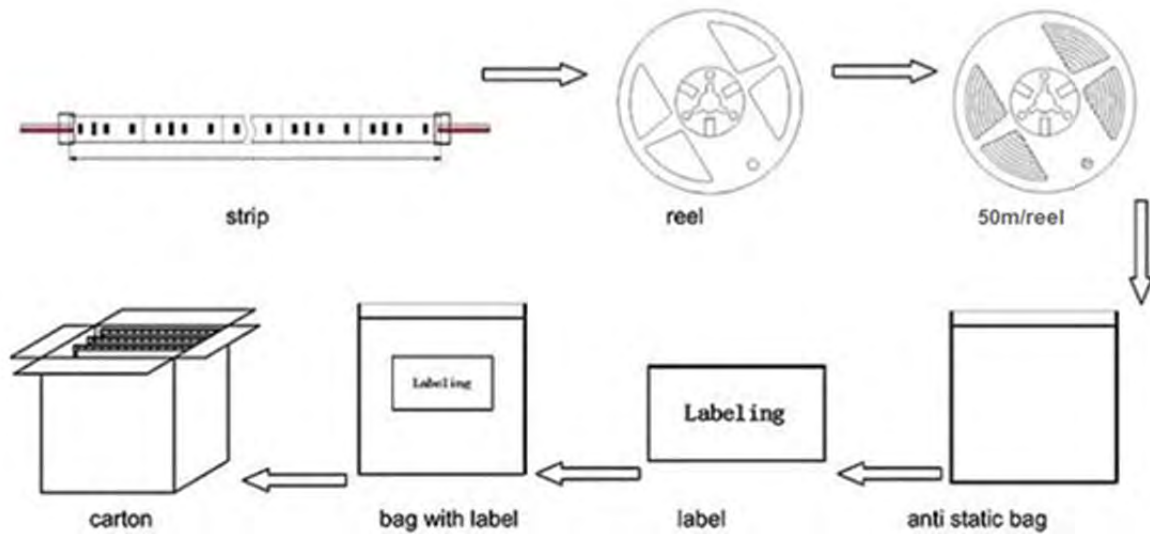
Connection Diagram:



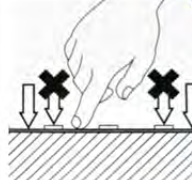
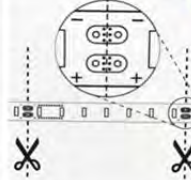
How long connection without voltage drop:

LED Qty	Power	Voltage	Length	Connection	Remark
60led/m	5W/m	24V	30m/roll	One side with driver	Without voltage drop
60led/m	5W/m	24V	40m/roll	One side with driver	Less voltage drop
60led/m	5W/m	24V	40m/roll	Two side with driver	Without voltage drop
60led/m	5W/m	24V	50m/roll	Two side with driver	Without voltage drop

Packing:



LED Strip Light Installation Guide:

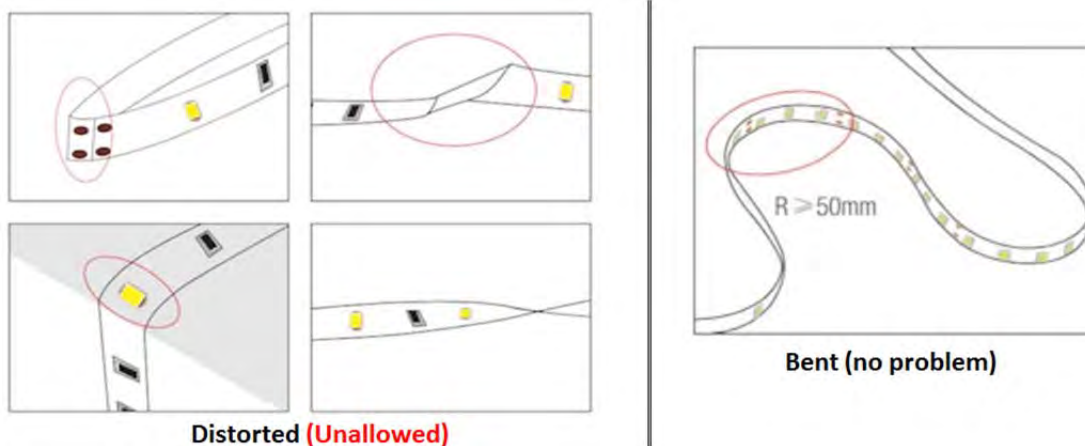
	Step 1: Dry the position to be flat and smooth before putting on the Strips		Step 2: Press the LED Strip gently between electronic components and stick it to the surface. Avoid pressing electronic components.		Step 3: LED Strip can be cut only between soldering pads
	Step 4: Solder wires on soldering pads (label +/-). The Solder temperature may not exceed 330 for maximum duration of 2 seconds.		Step 5: During installation, make sure Strip Light isn't receiving electricity in any manner. Better wearing an Anti-static Wrist Strap to avoid Static electricity.		Step 6: LED Strips better be installed on Aluminum (or Material with similar thermal conduction) to avoid LEDs overheating and ensure proper heat dissipation.



**ATTENTION
PLEASE!**

1. LED Strips Lights are with low voltage products, must be use the constant voltage LED power supply; Pls don't connect the LED Strips directly to voltage at AC110V or AC220V, it will be burn out.
2. For Constant Current Strips (50m/reel), to avoid burnt up, please don't lighting directly when packed on reel, make sure the Strips were stretched out when lighting.

3. The LED strip must be installed carefully; Excessive operation, bending and extrusion may damage the product and cause warranty invalid.



Notice:

1. Installation must comply with local and international electrical safety instructions.
2. In order to ensure safe and correct installation, the installing person must be a qualified electrician with a license.
3. The installation should comply with CE standard; come with constant voltage LED power supply.
4. Do not install the strip under an overheat environment.
5. Do not install the non-waterproof strip outdoor or in damp environment.
6. Do make sure that the cables used between the power supply, LEDs and any dimmer are of standard size. Please calculate the voltage drop and the maximum rated current when selecting the cables. It will cause the cable overheat and burned if select improper cables and installation.
7. The LED Strips Light with 3 years warranty begin with the ship out date.
8. If there is any technical or sales questions, please feel free to contact us at sales@se.lighting.