



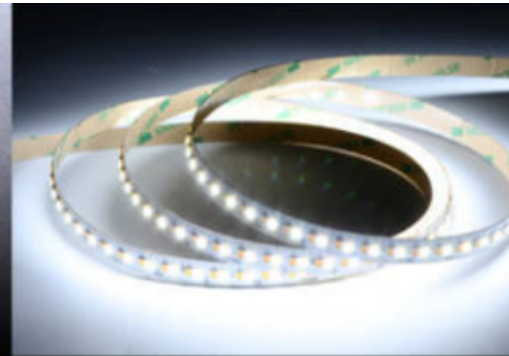
224 LED 2835 CCT Adjustable LED Strip Light



● 3000K



● 4000K



● 6500K

TECHNICAL PARAMETERS

LED TYPE	224pcs 2835 LEDs/m
INPUT VOLTAGE	12V/24V DC Option
CCT	112 Pcs 3000K + 112Pcs 6500K
CRI	>80, >90 option
BEAM ANGLE	120°
FPCB WIDTH	10mm, White Colour
FPCB THICKNESS	Double Layer 1.2mm
WORKING TEMPERATURE	-20°C~+50°C
STORAGE TEMPERATURE	-20°C~+60°C
LIFE SPAN	50000+ HRS
IP	IP20, IP65, IP67, IP68 Option
CERTIFICATION	SAA, RoHS, CE

FEATURES:

1. Adjustable Color Temperature LED Strip
2. 224LED 2835SMD per meter (112pcs 6500K + 112pcs 3000K); Adjustable white or RGB Colour temperature from 3000K to 6000K by LED controller.
3. Working voltage 12V & 24VDC, 12V DC: Cut every 8pcs LEDs, 24V DC: Cut every 16pcs LEDs
4. Cut to custom size
5. Different waterproof grade IP20/IP65/IP67/IP68 option, can meet requirements in different use condition;
6. 3 Year warranty.

APPLICATION:

1. Widely used as a decorative lights.
2. Stage decoration, festivals, exhibition, weddings;
3. Backlight of signage, channel letters lighting



■ LUMENS:

Model No.:	CCT	Efficiency ±10%	Lumen ±10%	Energy Efficiency class	Test Condition				
					Watt/ m	Length	Watt	Voltage	IP
SELS-2835CCT224-24-Y	3000K	145lm/w	870lm/m	E	6	0.5Meter	>80	24V	IP20
	6500K	150m/w	900lm/m	D	6				
	4000K	145lm/w	1740lm/m	E	12				

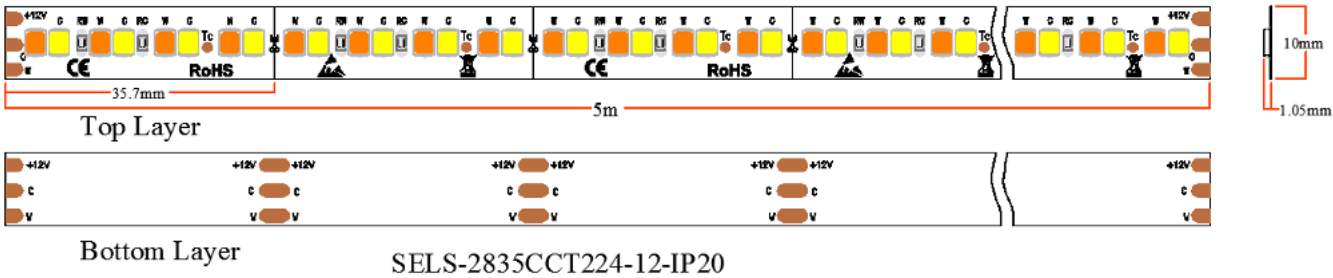
■ LUMENS:

Model No.:	CCT	Efficiency ±10%	Lumen ±10%	Energy Efficiency class	Test Condition				
					Watt/ m	Length	Watt	Voltage	IP
SELS-2835CCT224-24-Y	3000K	115lm/w	690lm/m	F	6	0.5M	>90	24V	IP20
	6500K	120m/w	720lm/m	E	6				
	4000K	115lm/w	1380lm/m	F	12				



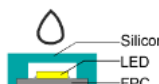

NOTE:

1. The above Lumens’ test data of was tested by 0.5meter of LED Strip with an integration sphere and a spectroradiometer; The strip has been on for more than 2 minutes to fixed power. The test data is just an approximate since real lumens depend on the real power, which varies in different production lots (different LED’s voltage, current, brightness and operating temperature etc.)
2. The LED Strip per 15W/m, needs to be used with an Aluminium Profile.

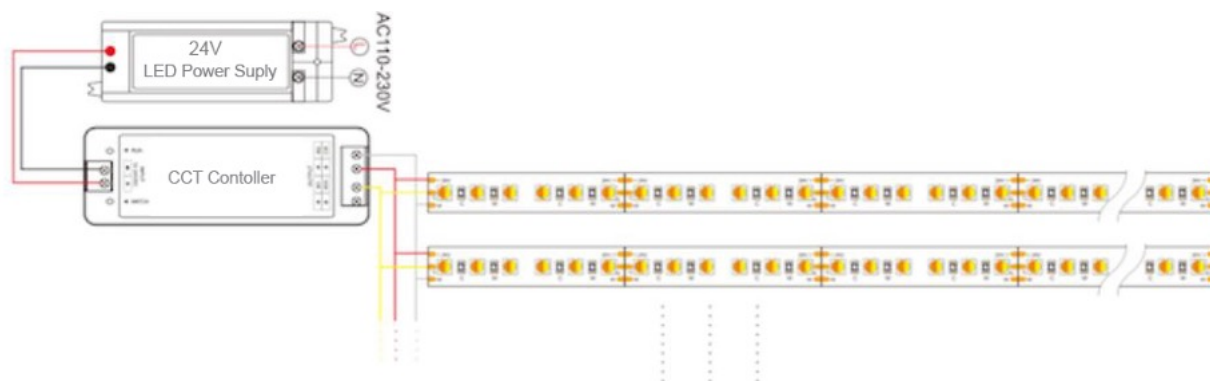
■ DIMENSIONS (12V):




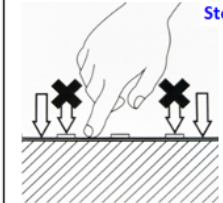
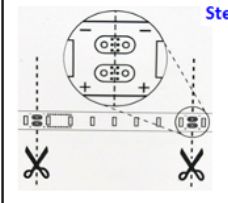
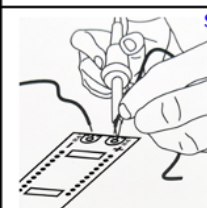
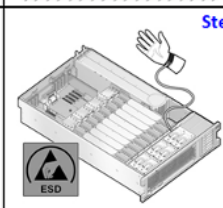
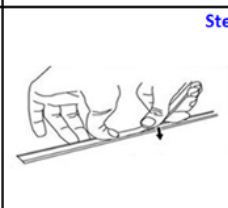
IP PROTECTION GRADE:

 <p>LED FPC IP20</p>	<p>Non-Waterproof Naked strip, with self-adhesive backing, for indoor or dry location use only.</p>
 <p>Silicon glue LED FPC IP65</p>	<p>Waterproof IP65 Strip surface is covered on top with a self-adhesive backing. For indoor use and damp environments. Protects from water.</p>
 <p>Silicone LED FPC IP67</p>	<p>Waterproof IP67 (Hollow Extrusion) The LED strip is extruded together with silicone (Hollow Extrusion), and the two ends are sealed with silicone end cap. IP67 waterproof grade, which can be submerged in water for a short time (immersion time must be less than 30min, water depth not more than 1m).</p>
 <p>Silicon tube Silicon glue LED FPC IP68</p>	<p>Waterproof IP68 (Solid Extrusion) The LED strip is extruded together with silicone (Solid Extrusion) IP68 waterproof grade, which can be immersed in water for long periods of time (water depth not more than 1m).</p>

CONNECTION DIAGRAM:

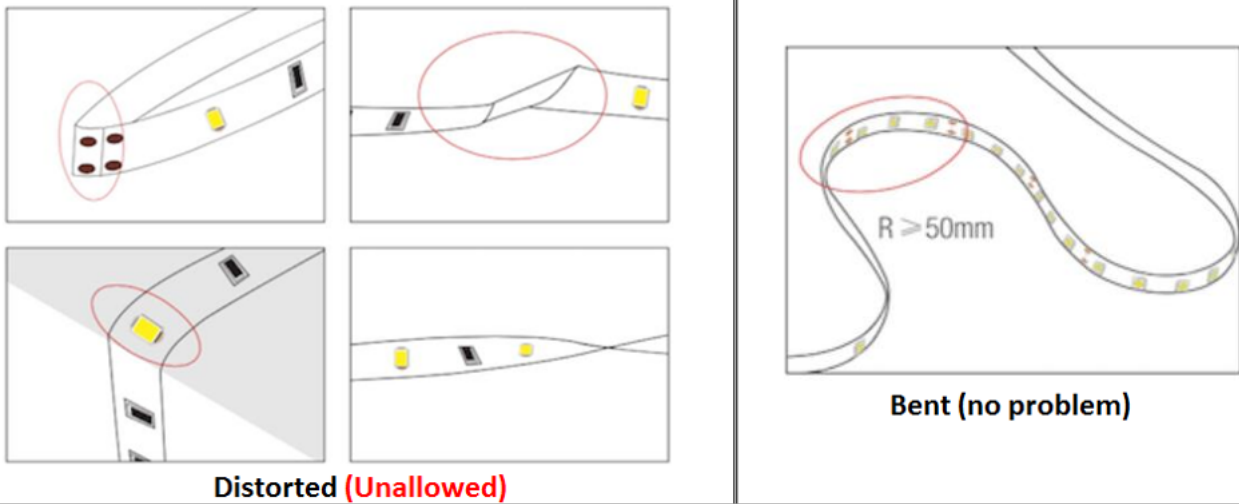


LED STRIP INSTALLATION GUIDE:

	<p>Step 1: Dry the position to be flat and smooth before putting on the Strips</p>		<p>Step 2: Press the LED Strip gently between electronic components and stick it to the surface. Avoid pressing electronic components.</p>		<p>Step 3: LED Strip can be cut only between soldering pads</p>
	<p>Step 4: Solder wires on soldering pads (label +/-). The Solder temperature may not exceed 330 for maximum duration of 2 seconds.</p>		<p>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.</p>		<p>Step 6: LED Strips better be installed on Aluminum (or Material with similar thermal conduction) to avoid LEDs overheating and ensure proper heat dissipation.</p>



1. LED Strips Lights are low voltage products and must be used with constant voltage power supply;
2. DO NOT connect the LED Strips directly to voltage at AC110V or AC220V, it will be burn out.
3. The LED strip must be installed carefully; Excessive operation, bending and extrusion may damage the products



■ **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 in a high heat environment.
5. Do not install the non-waterproof strip outdoor or in a damp environment.
6. Ensure that the cables used between the power supply, LEDs and any dimmer are of standard size.
7. 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.
8. 5 Year Warranty will only be valid if product has not been damaged due to bending and extrusion and excessive operation
9. If there is any technical or sales question, please feel free to contact us at www.greenhse.com