

5050 RGB + White LED Strip Light

Model No.: SELS-5050RGBX60-24-YB

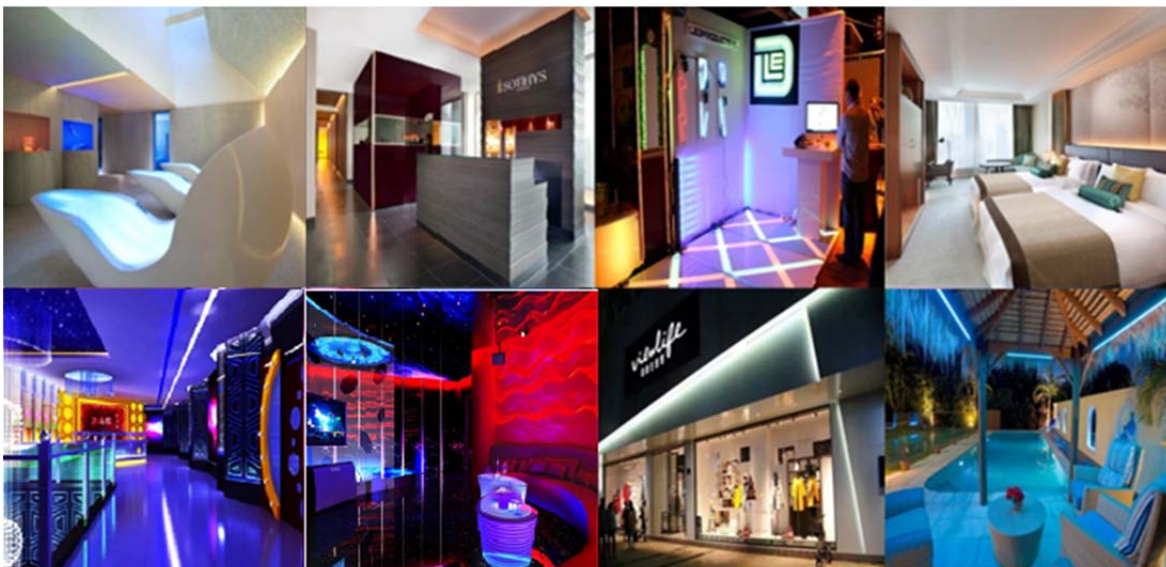


Features:

1. RGB+CCT Strip Light, 4 channel flexible LED strip with RGB + White color four colors in one reel, 60pcs 5050SMD RGB + 60pcs 2216SMD
2. Cost-effective, high density and dot free design, and brighter
3. Different color adjust, dimming and toning for more applications.
4. Different waterproof grade IP20/IP65 option, can meet requirements in different use condition;
5. 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;



Technical Parametes:

LED Type:	60pcs 5050 RGB + 60pcs 2216 leds/m
Rated Power:	17W/m
Input Voltage:	24V DC
CCT:	5050RGB (Red 620-625nm & Green 520-525nm & Blue 465-470nm)
2216smd option:	3000K / 4000K / 6500K
CRI:	White >90
Beam Angle:	120°
FPCB Width:	12mm, White Color
FPCB Thickness:	2Oz, Double layer
Working Temperature:	-20°C~+50°C
Storage Temperature:	-20°C~+60°C
Life Span:	50,000+ Hours
IP Grade:	IP20 / IP65、IP67、IP68
Wire cable:	One side with 15cm long 20AWG
Package:	5m per roll

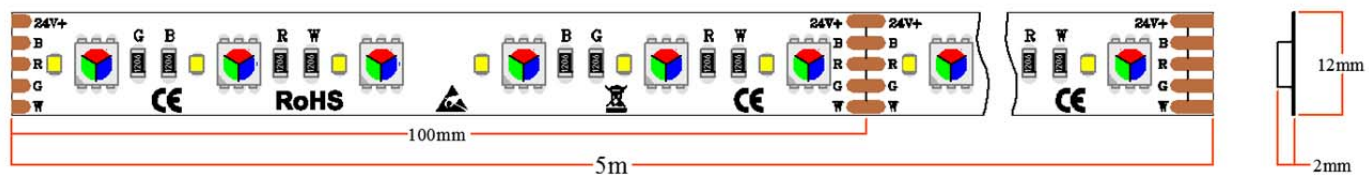
Lumens:

Model No.:	CCT	Efficiency ±10%	Lumen ±10%	Test Condition				
				Watt/m	CRI	Length	Voltage	IP Grade
SELS-5050RGBWW60-24-YB	Red	26lm/w	104lm/m	4 W	/	1Meter	24V	IP20
	Green	64lm/w	256lm/m	4 W	/			
	Blue	16lm/w	64lm/m	4 W	/			
	3000K	88lm/w	440lm/m	5 W	>90			
	RGBWW	46lm/w	782lm/m	17 W	/			
SELS-5050RGBNW60-24-YB	Red	26lm/w	104lm/m	4 W	/			
	Green	64lm/w	315lm/m	4 W	/			
	Blue	16lm/w	256lm/m	4 W	/			
	4000K	92lm/w	460lm/m	5 W	>90			
	RGBNW	50lm/w	850lm/m	17 W	/			
SELS-5050RGBPW60-24-YB	Red	26lm/w	104lm/m	4 W	/			
	Green	62lm/w	248lm/m	4 W	/			
	Blue	18lm/w	72lm/m	4 W	/			
	6500K	93lm/w	465lm/m	5 W	>90			
	RGBPW	49lm/w	833lm/m	17 W	/			

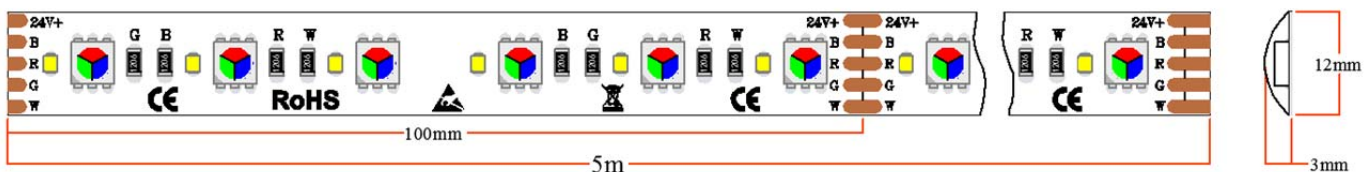


NOTE: The above test data of lumens was tested by 1meter of LED Strip with an integration sphere and a spectroradiometer; The strip has been lighting for more 2minutes to fix a power; The test data is just approximate since real lumens depend on the real power, which varies in different production lots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

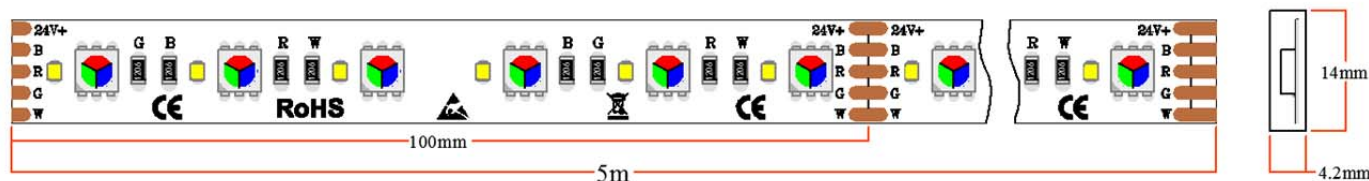
Dimensions(24V):



SELS-5050RGBX60-24-IP20B

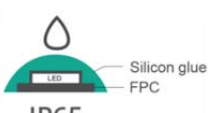
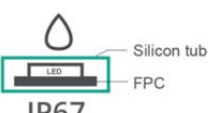
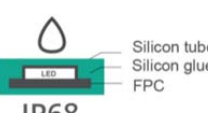


SELS-5050RGBX60-24-IP65B

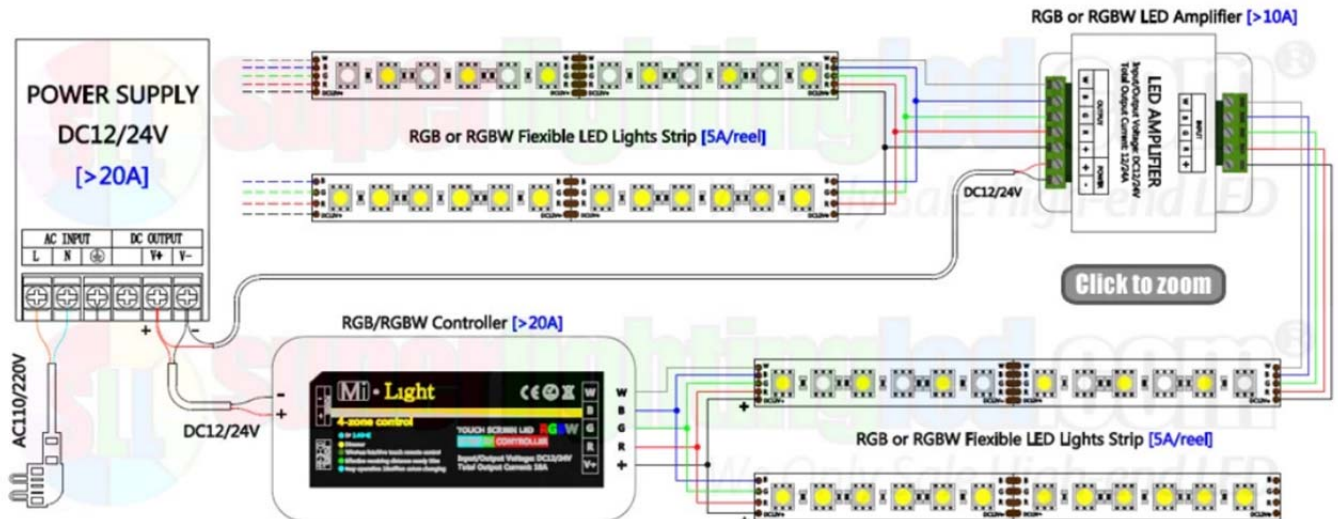


SELS-5050RGBX60-24-IP67B/IP68B

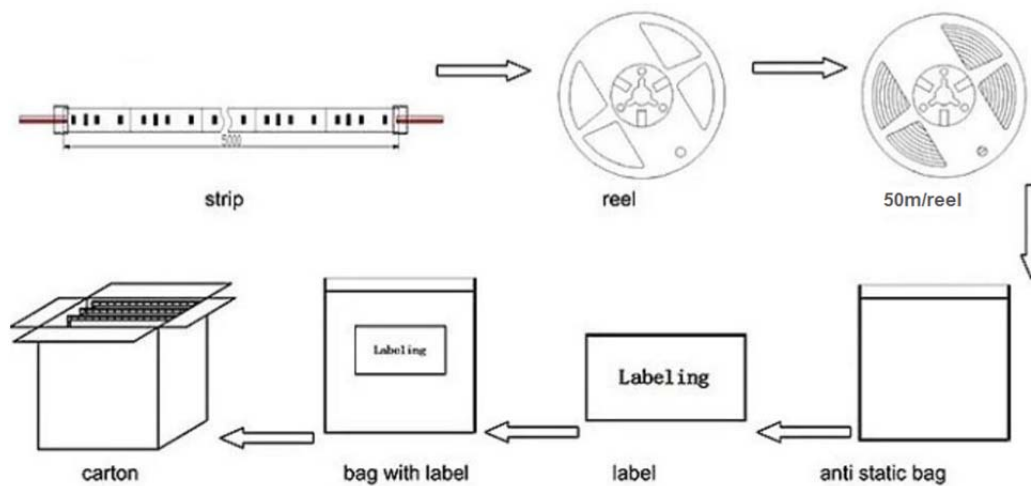
IP Protection Grade:

 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.
 IP67	Waterproof IP67 The naked strip is put in a hollow silicone tube and sealed at two ends. IP67 grade can shortly immersed in water.
 IP68	Waterproof IP68 The naked strip is put in a U Shape silicone tube, then covered on top with silicon glue, and sealed at two ends, which make its solid. IP68 grade can be used under

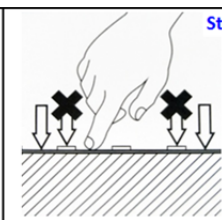
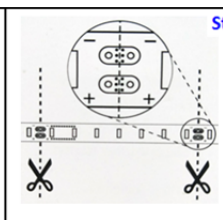
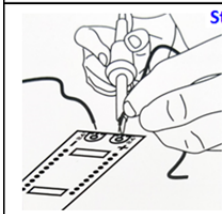
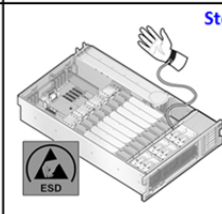
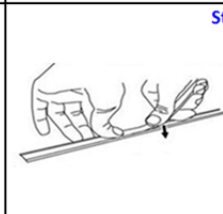
Connection Diagram:



Packing:

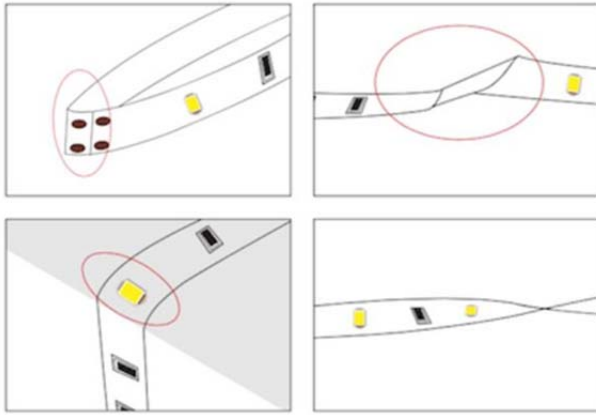
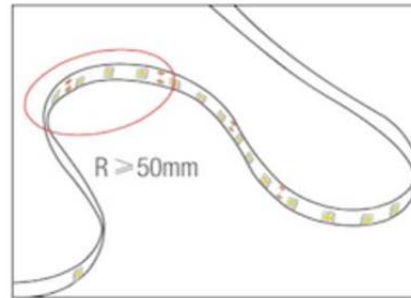


LED Strip Light Installation Guide:

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

**Distorted (Unallowed)****Bent (no problem)**

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.