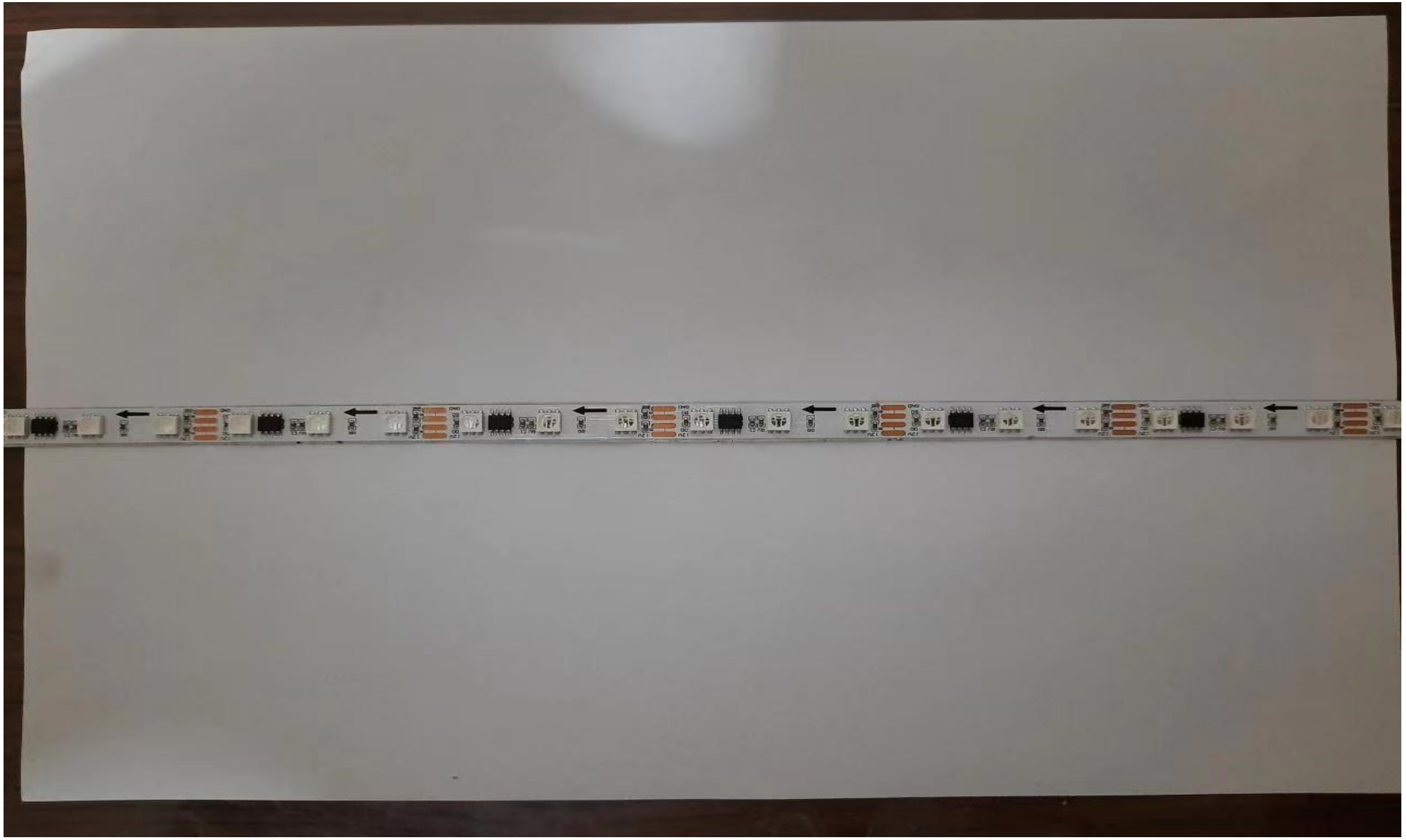
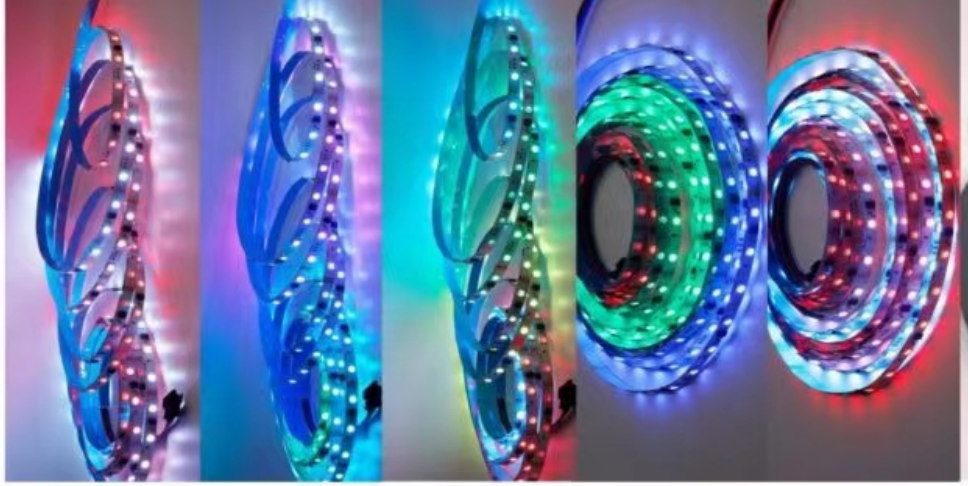
Rose Lighting

Model: RL-STR-LB934A-5050RGB-60-12V



https://www.rose-lighting.com TEL:0755-23763467 Phone:008618675649004 Email:info@rose-lighting.com

Add: No.53 Yuexing Rd, Guanlan Street ,Longhua District,Shenzhen, China 518110





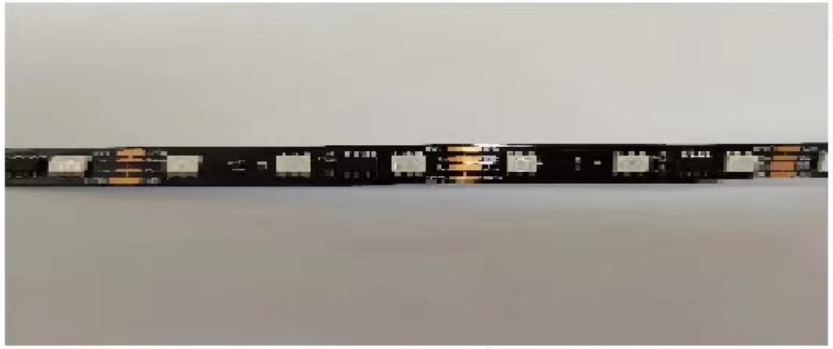
Dc12V Dual signal LB1934A 5050 RGB Pixel led strip 20pixels 60led/m

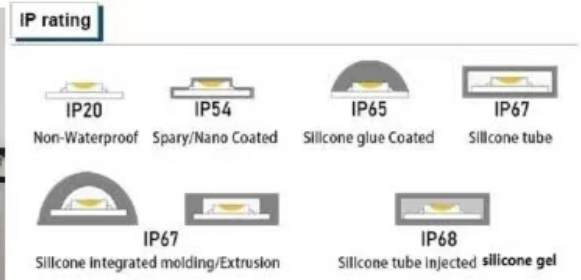
Advantages:

1. **No** voltage drop. 15meters with two side conenct to the power . bec we use 10mm width with 2OZ pure copper PCB Board.
2. Super easy to install , save much wires cost, labor costs and time .
3. Dual signal,one pixel broken ,no affect next one working!
4. epistar 5050 RGB led ,60pcs per meter ,each led has Pure copper bracket and pure gold wire inside ,each led has High brightness>2100mcd
5. Double membrane covering the FPCB board,good proection
6. SPI control : TM1934 or LB1934 (20pixels/m)
7. 3 led (5cm) as one cutting part ,ect....
8. Strong signal Signal transmission,can make 10meter long distance.

Free sample in stock

usd 2.3 per meter with Nonwaterproof Ip20







Model: RL-STR-LB1934A-5050RGB-60-12V

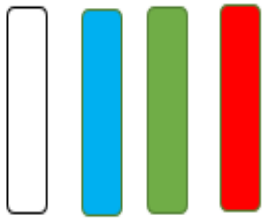
Parameter

Model: RL-STR-LB1934A-5050RGB-60-12V

Part NO	RL-STR-LB934A-5050RGB-60-12V
Lighting Source	San an 5050RGB led
Beam Angel	120 degree
Operate Voltage	DC12V
Consumption Watt/M	14.4 Watt per meter （max）
PCB quality	Double layer 35um 35um Copper 2oz
LED quantity /M	60 LEDs per meter
Luminance (mcd)	2100MCD for one RGB 5050 led
IC chip	LB1934A(TM1934)
Cable	AWG20
Plug and cable	4pin female and male connector with 15cm cable at ends
Waterproof Grade	Ip20/65/67/68
Pcb width	10mm
warranty	2years

There is 4 Pin JST SM female/male connector on both end for signal input/output and power inputs at ends

Input: Female Connector output : male Connector



GND DI BI VCC

+Dc12V: Red

Data1: Green

Data2: Blue

GND: White

光电特性 Electro-optical characteristics (T_A=25℃)

参数 Parameter	符号 Symbol	测试条件 Test Condition	发光颜色 Emitted Color	数值 Value Min	Typ	Max	单位 Unit
主波长 Dominant Wavelength	λd	I_F =20mA	R	620	----	630	nm
			G	515	----	530	
			B	455	----	470	
正向电压 Forward Voltage	Vf	I_F =20mA	R	1.8	----	2.4	V
			G	2.8	----	3.4	
			B	2.8	----	3.4	
发光强度 Luminous Intensity	IV	I_F =20mA	R	500	----	650	mcd
			G	1000	----	1500	
			B	400	----	500	
角度 Viewing Angle	----	----	2θ1/2	----	120	----	deg
反向电流 Reverse Current		V_R =5V	IR	----	----	10	μA

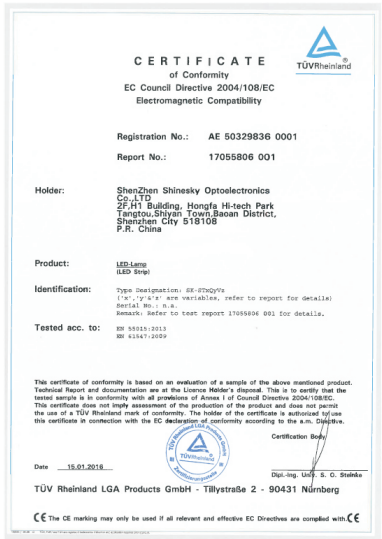
6、波段分档 Wavelength Groups (IF=20mA，Ta=25℃)

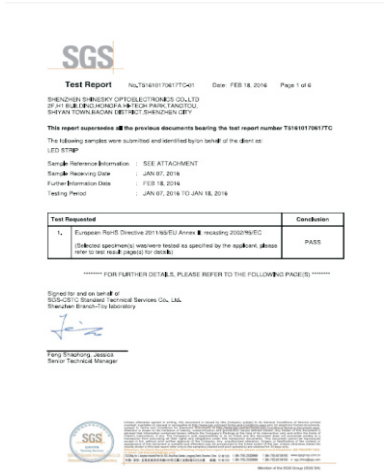
红光 Red	Rank	E	F	G
	WLD	615-620	620-625	625-630
绿光 Green	Rank	E	F	G
	WLD	515-520	520-525	525-530
蓝光 Blue	Rank	H	I	J
	WLD	455-460	460-465	465-470

备注：单位 nm，波段测试误差±1 Notes：Unit nm,Wavelength Tolerance is:±1.

Certifications

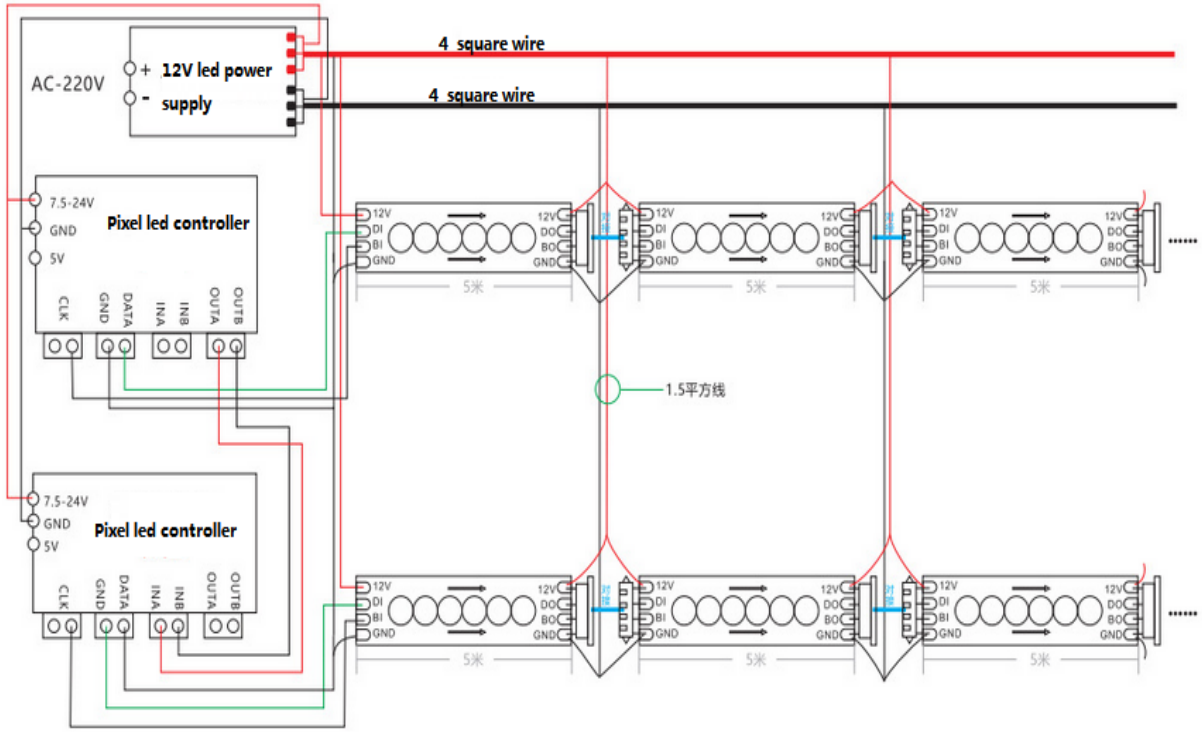

Intertek AUTHORIZATION TO MARK


CERTIFICATE of Conformity
EC Council Directive 2004/108/EC
Electromagnetic Compatibility

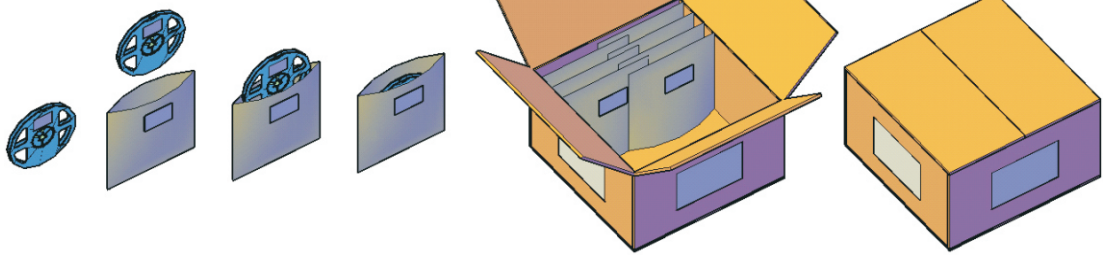

SGS Test Report


SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.
ISO 9001:2015

Wiring Chart



Package

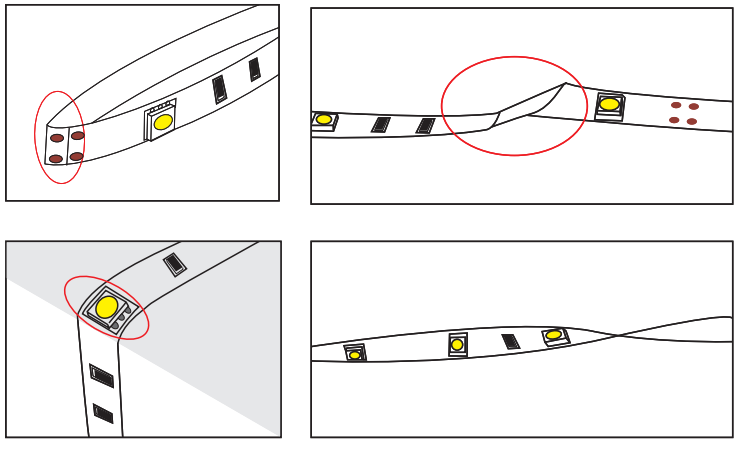


Note:

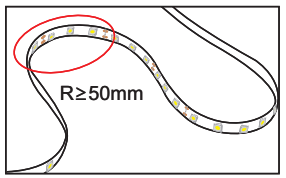
1.One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2.All the packaging materials are RoHS standard.
3.Heavy stuff are not allow to be loaded above the packaging box.

Cautions:

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



Distortion(Wrong)



Bend(Right)

- LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC110 or AC220V, otherwise it will burn out the LED strips.
- Clean up the installation surface, it will ensure the reliability of the adhesive.
- The electrical connection process must be operated by a professional person.