



Rose Lighting

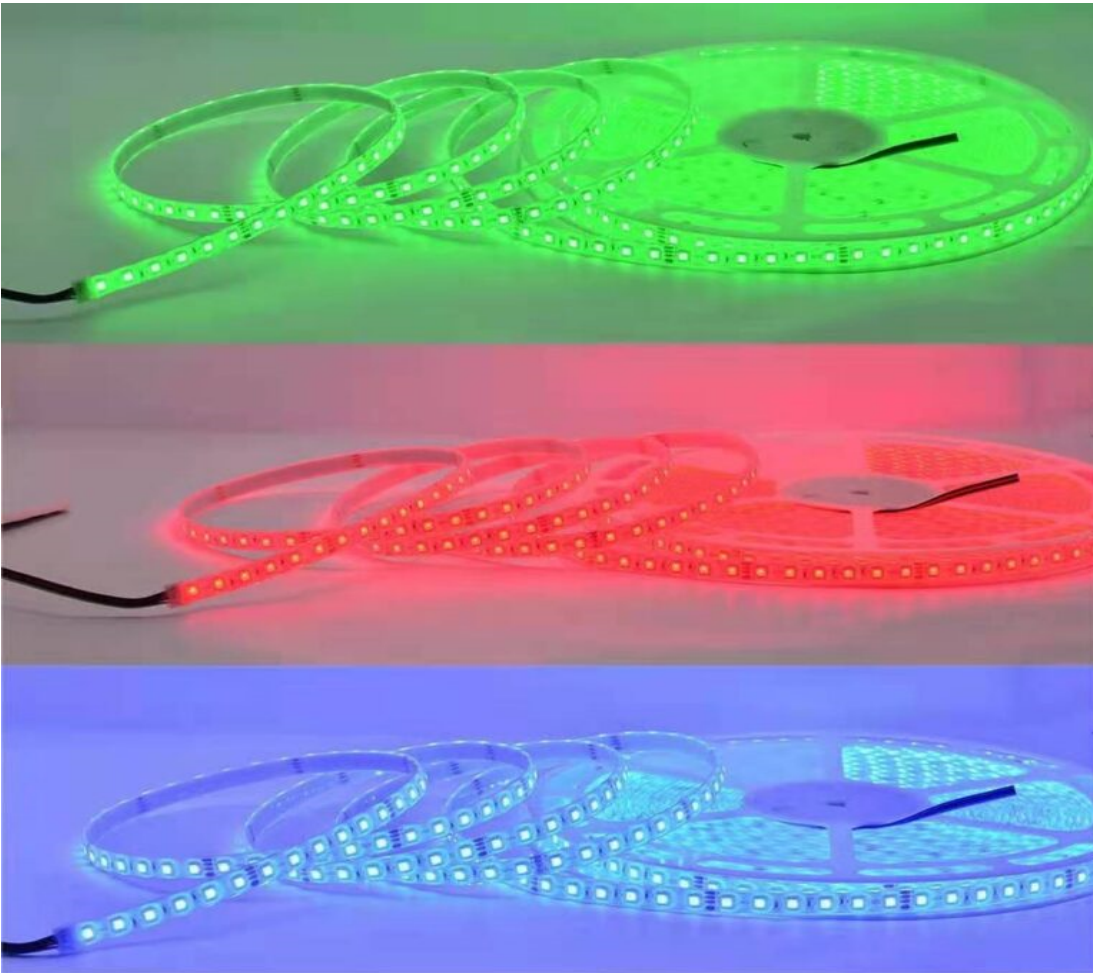
Model: RL-STR-5050-RGB-60-12V 24V-10MM



<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

Model: RL-STR-5050-RGB-60-12V 24V-10MM



12V Type with nonwaterproof Ip20

12V Type with waterproof Ip68



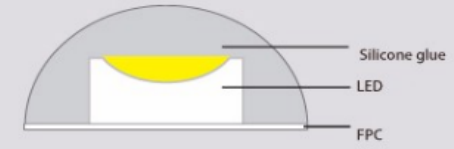
Technical Parameters

This is a PWM control RGB color LED strip without Pixel SMD RGB 5050 LEDs ,
5meters/reel, 10mm PCB width
The cutting unit length is 100mm(12V 24V) per section
The PCB is made by 2 Ounce thick copper 35um
All soldering Pads are very large, allowing you to easily cut and reconnect
DC 12V DC24V constant voltage operation
Both ends have 4pin bare wires for powering
3M tape attached on backside of FPC
4 different waterproof types IP22, IP65, IP67 Ip68

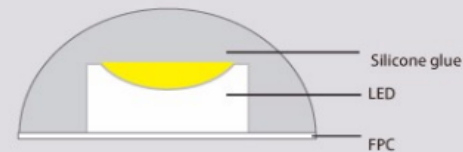
Waterproof



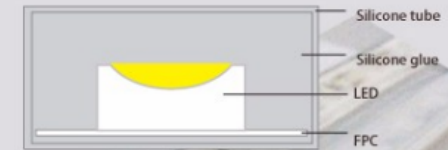
IP20 Not waterproof



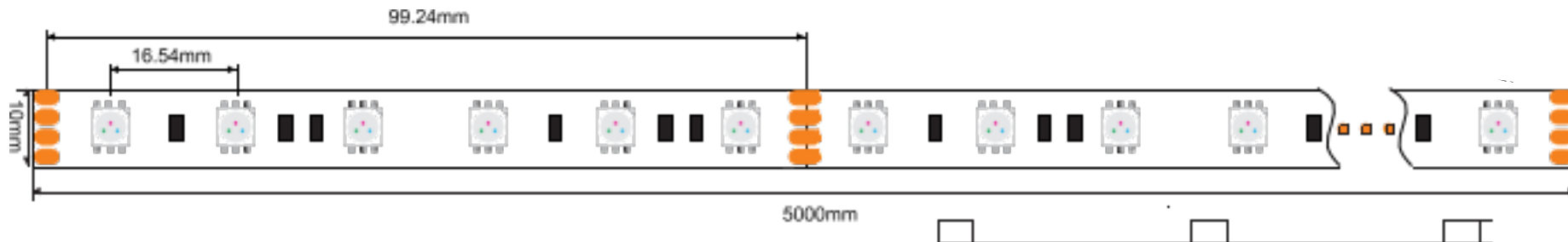
IP65 Gel Coating



IP67 Silicone Tube



IP68 Glue filling



Test Report

Electrical-optical characteristics(Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Voltage 正向电压	V _f	R	1.8	---	2.4	V
		G	2.9		3.5	
		B	2.8		3.5	
Luminous Intensity 光度	I _v	R	500		700	mcd
		G	1200		1700	
		Y	500		800	
Wavelength 波长	WLD	R	620		630	nm
		G	520		530	
		Y	590		595	
Viewing Angle 角度	2θ _{1/2}	---	120	---	Deg	
Reverse Current 反向电流	I _R	---	---	10	μA	VR=5V

Certifications

Intertek AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple later models identified on the correlation page of the Listing Report. This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: Shenzhen Shinesky Optoelectronics Co., LTD
Address: 2F, H1 Building, Hongfa Hi-tech Park, Tangzou, Shiyao Town, Baoan District, Shenzhen, Guangdong
Country: China
Contact: Bin Yu
Phone: +86-755-29116235
FAX: +86-755-29116235
Email: hmg@shinesky.com

Manufacturer: Shenzhen Shinesky Optoelectronics Co., LTD
Address: 2F, H1 Building, Hongfa Hi-tech Park, Tangzou, Shiyao Town, Baoan District, Shenzhen, Guangdong
Country: China
Contact: Bin Yu
Phone: +86-755-29116235
FAX: +86-755-29116235
Email: ma@shinesky.com

Party Authorized To Apply Mark: Same as Manufacturer
Intertek Testing Services Shanghai

Control Number: 5000956 **Authorized by:** Thomas A. Pappas, Certification Manager

This document supersedes all previous Authorizations to Mark for the noted Report Number.

Standards: General Requirements for Luminaires - CSA C22.2 No.9.8 (Issued: 1996/06/01 Ed. 1 (R2011), with Cor. 1, 1997, Cor. 2, 1998)
Product: Line Voltage Retrofit LED Strip
Model: SR-5050-12V-2 color "R", "G" and "B" in any number, "C" is either of the combination of a letter and a number

ATM for Report 1503064695HA-001 Page 1 of 1 ATM issued: 21 May 2015

SGS Test Report No: NLT41491706177041 Date: FEB 18, 2016 Page 1 of 6

SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD
 2F, H1 Building, Hongfa Hi-tech Park, Tangzou, Shiyao Town, Baoan District, Shenzhen, Guangdong, P.R. China

This report supersedes all previous documents bearing the test report number 7018107106177041.

The following sample were submitted and identified by test bench of the client as:
 LED STRIP

Send Reference Information: SEE ATTACHMENT
Sample Receiving Date: JAN 07, 2016
Further Information Date: FEB 18, 2016
Testing Period: JAN 07, 2016 TO JAN 16, 2016

Test Requested	Conclusion
1. European RoHS Directive 2011/65/EU Annex II (excluding 2002/95/EC) (Sulfone specimens) were tested as specified by the applicant. (Refer to test result page(s) for details)	PASS

FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)

Signed for and on behalf of:
 SGS-CSTC Shanghai Technical Services Co., Ltd.
 Shanghai Branch-Tier 1 Laboratory

Party Authority, assist
 Date: Technical Storage

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

Registration No.: AE 50329836 0001
Report No.: 17055806 001

Holder: Shenzhen Shinesky Optoelectronics Co., LTD
 2F, H1 Building, Hongfa Hi-tech Park, Tangzou, Shiyao Town, Baoan District, Shenzhen, City 518108, P.R. China

Product: LED Strip
Identification: Type designation: SR-5050V1
 (*', y', z' are variables, refer to report for details)
 Serial No.: n.a.
 Remark: Refer to test report 17055806 001 for details.

Tested acc. to: EN 55015:2012
 EN 55014:2006

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply acceptance of the production of the product and does not prevent the use of a TÜV Rheinland mark of conformity. The holder of this certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Date: 15.01.2016
 TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

SGS Certificate CH203036

SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.
 2F, H1 Building, Tangzou Hi-tech Park, Tangzou, Shiyao Town, Baoan District, Shenzhen, Guangdong, P.R. China
 United Social Credit Code 91440302918681326

ISO 9001:2015

Design and manufacture of LED strip products

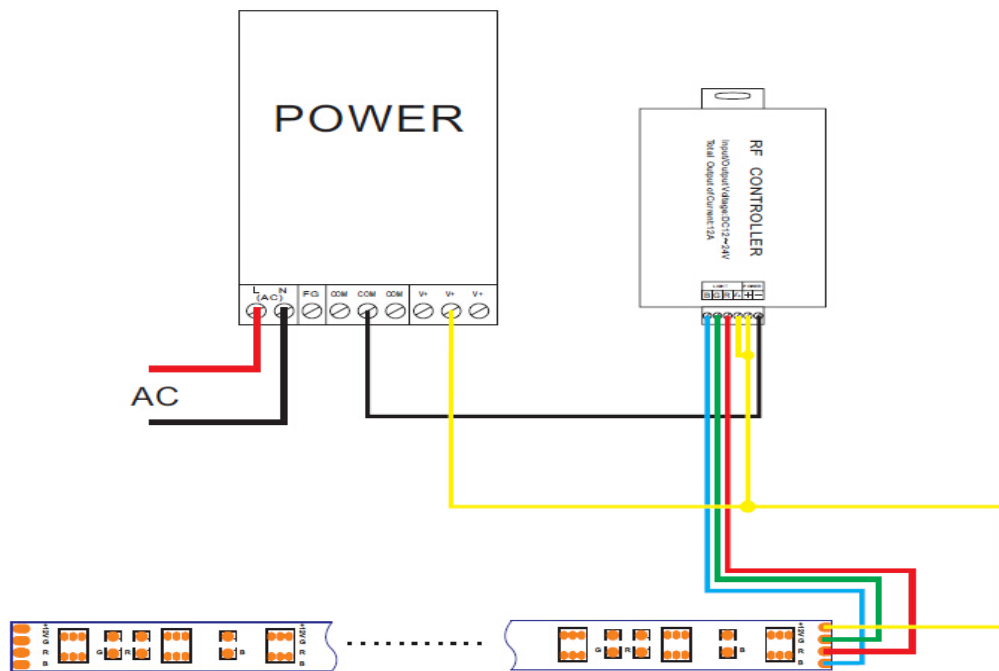
For further information:
 Please refer to the certificate of conformity (COF) and the test report (TR) for details.
 The certificate is valid from 1 March 2017 until 1 March 2020 and cannot be used to certify any products made after the date of expiry of the certificate.
 Recertification shall be a minimum of 60 days before the expiration date.
 Issue 1 Certified since 2 March 2017

UKAS
 0005

SGS
 100 001 000 000
 Page 1 of 1

Wiring Chart

Product wiring diagram



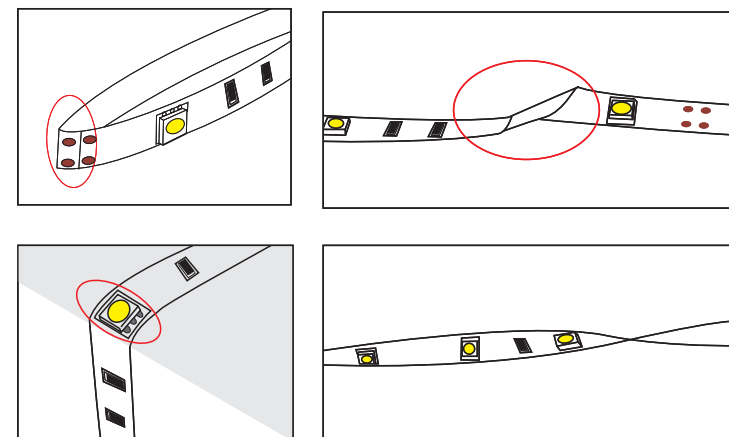
Prompt: Once every 5 meters for electricity

Note:

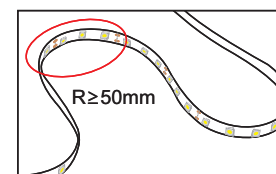
1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

⚠ 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.

Package

