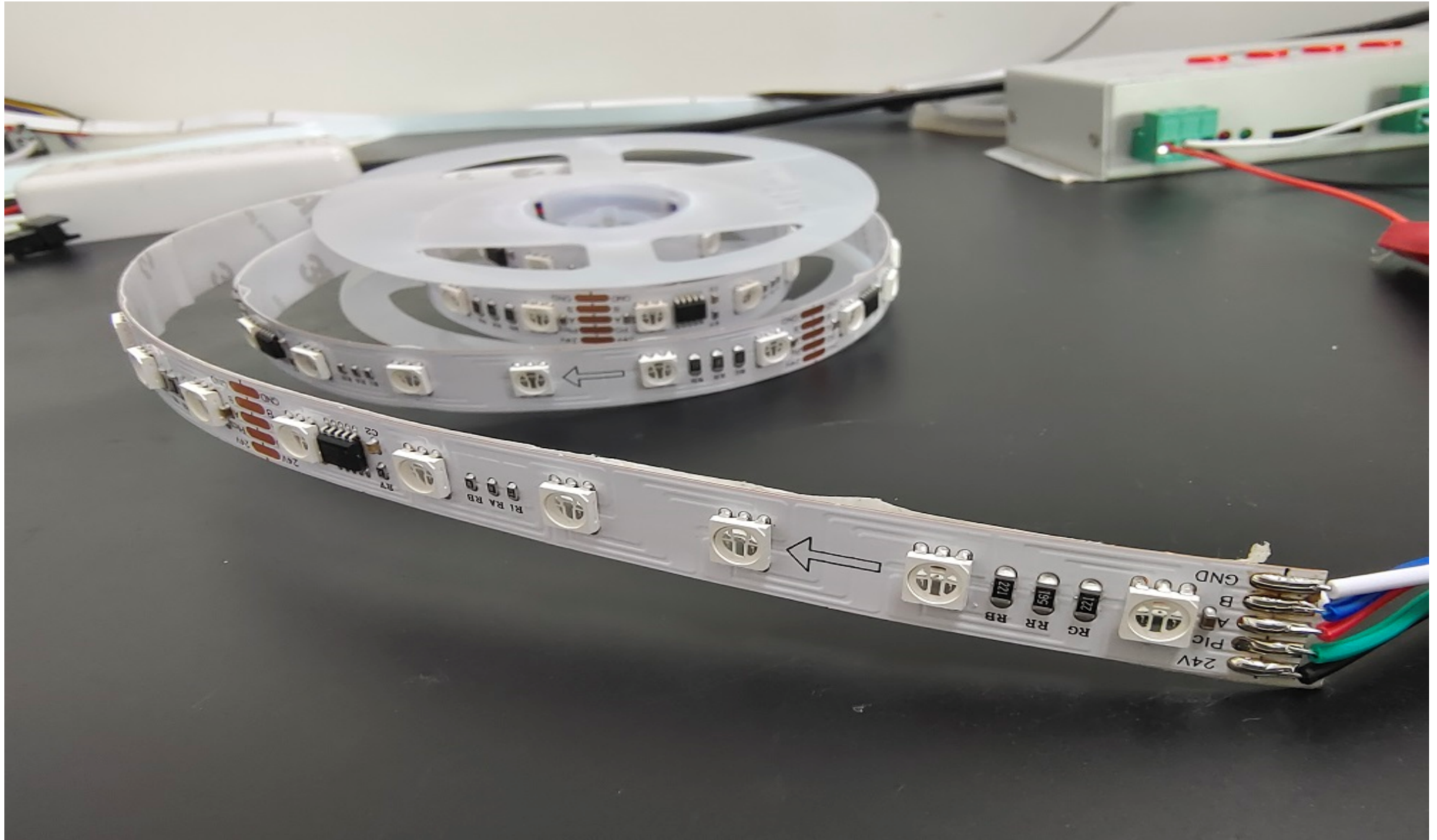




Rose Lighting

Model: RL-STR- TM512AC-5050-RGB-60-12V-12MM

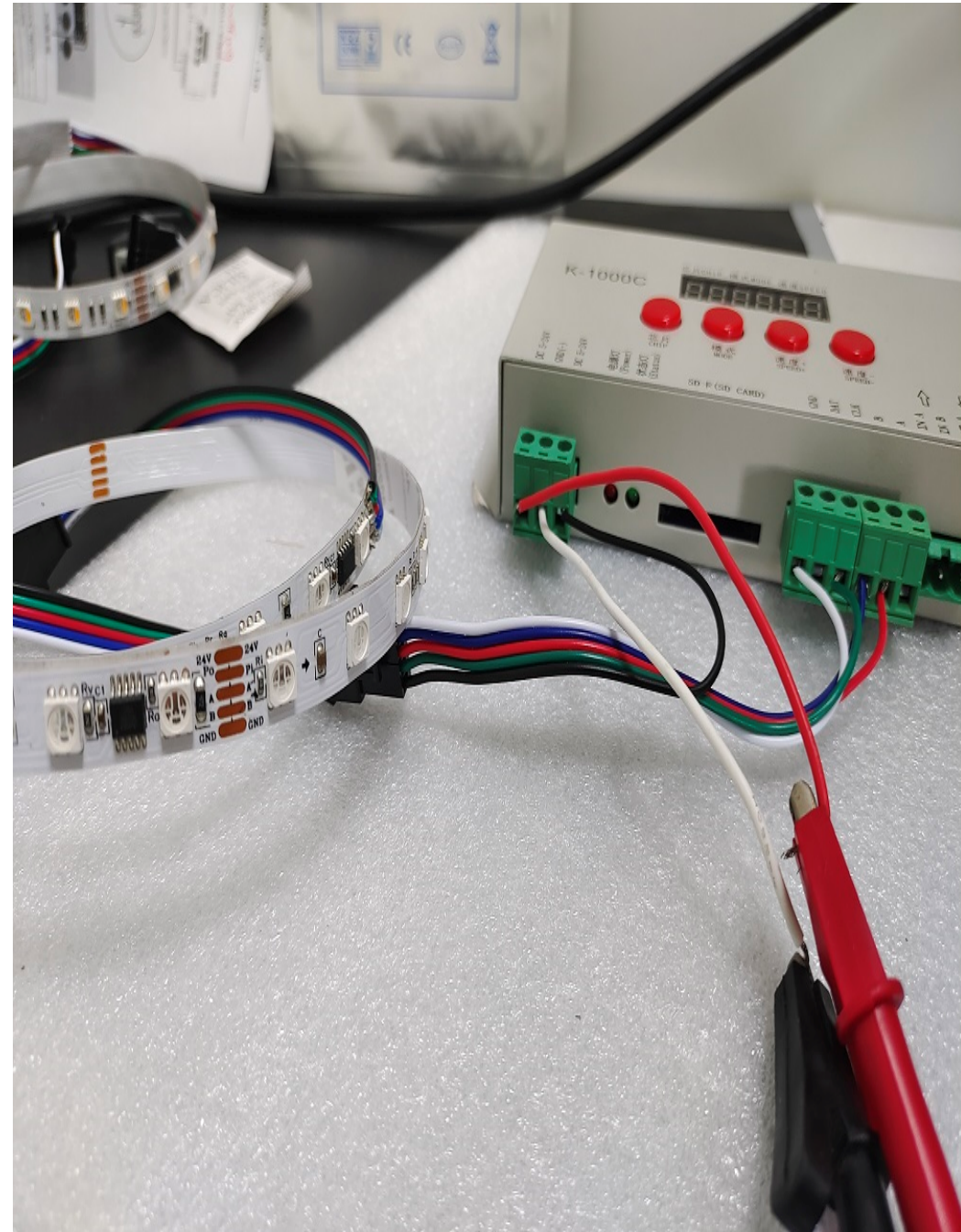


<https://www.rose-lighting.com> TEL:0755-23763467 Phone:008618675649004 Email:info@rose-lighting.com

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

Product Specification

Model number	RL-STR-DMX512-5050-RGB-60 -24v-12mm
LED TYPEE	Epister SMD 5050 RGB
IC chip	TM512 IC chipset
PCB color	white or black PCB
PCB Width	12mm width
View angle	120 degree
LED QTY	60LED
POWER	14.4 W/M
Voltage	DC24V
Installation	with3M adhesive back ,easy for installation
IP rate	IP20(non -waterproof /IP65(Silicon tube waterproof)
Package	5M/reel .with anti-static bag ,or customized
Application	indoor /outdoor decorative lighting ,ceiling lighting



Advantages

- 1) Brightness >2700mcd 5050 RGB led lamp with copper bracket and gold wire
- 2) 2OZ pure copper PCB board with 12mm width ,
- 3) Standard dmx512 Ic chipset TM512AC
- 4) Double membrane covering the FPCB board ,good protection,
- 5) cutting unit:every 6led (100mm),
- 7) Dc24V 14.W/meter (max),
- 8) LED density: 60led per meter ,
- 9) controller system:dmx512 console or artnet

Installing : screw+silicon clipand 3M adhesive on back side for sticky



Packaging

5m/roll 6orolls/ carton carton size: 48cm*48cm*28cm GW: 12.5kg with nonwaterproof Ip20

Waterproof IP grade

IP20 Non-waterproof with 3M sticker on the back, Size:5000*12*2.5mm

IP65 waterproof is silicone gel or epoxy on the surface,Size:5000*12*3mm

IP67: silicone tube,Size:5000*14*4mm

IP68: silicone gel(or epoxy) inside silicone tube.Size:5000*14*4mm

IP rating



IP20

Non-Waterproof



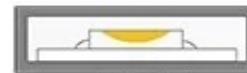
IP54

Spary/Nano Coated



IP65

Sillcone glue Coated



IP67

Sillcone tube



IP67

Sillcone integrated molding/Extrusion



IP68

Sillcone tube injected **silicone gel**

Model: RL-STR- TM512AC-5050-RGB-60-24V-12MM

光电特性 Electro-optical characteristics

(T_A=25°C)

参数 Parameter	符号 Symbol	测试条件 Test Condition	发光颜色 Emitted Color	数值 Value			单位 Unit
				Min	Typ	Max	
主波长 Dominant Wavelength	λ_d	I _F =20mA	R	620	---	630	nm
			G	515	---	530	
			B	455	---	470	
正向电压 Forward Voltage	V _F	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

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, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, China.
Country: China
Contact: Bin Yu
Phone: +86 755 29116255
FAX: +86 755 29116255
Email: hmg@shinesky.com

Manufacturer: Shenzhen Shinesky Optoelectronics Co., LTD.
Address: 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, China.
Country: China
Contact: Bin Yu
Phone: +86 755 29116255
FAX: +86 755 29116255
Email: ma@shinesky.com

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

Control Number: 5000956
Authorized by: Thomas A. Foy, Intertek Compliance Manager

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

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Intertek Testing Services Ltd Inc.
 645 East Argonne Road, Aliso Viejo, CA 92615
 Telephone: 949.361.9811 or 949.434.9867 Fax: 949.289.3722

Standards: General Requirements for Luminaires - CIE S115 (Issued: 2004/02/27 Ed. 1 Rev: 2014/02/24)
 IEC 60598-2-2:2015
Product: Low Voltage Retrofit LED Strip
Model: SR-C120V-2 color "R", "G" and "B" in any number, "C" is a letter of the combination of a letter and a number

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

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, Tangtou, Shiyuan Town, Baoan District, Shenzhen, City 518108, P.R. China

Product: LED Strip
Identification: Type designation: SR-020V15
 (*, y, z, a, s are variables, refer to report for details)
 Serial No.: n. n.
 Remark: Refer to test report 17055806 001 for details.

Tested acc. to: EN 60598-2-2
 EN 61347-2-20

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 1 of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit 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: 15.01.2018
 TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg
 Dipl.-Ing. Ulf S. C. Stehler

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

6、波段分档 Wavelength Groups (I_F=20mA , T_A=25°C)

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

SGS Test Report No. Nc78491708177041 Date: FEB 18, 2014 Page 1 of 6

SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.
 2F, H1 BUILDING, HONGFA HI-TECH PARK, TANGTOU, SHIYUAN TOWN, BAOAN DISTRICT, SHENZHEN, GUANGDONG, P.R. CHINA

This report corresponds to the previous documents bearing the test report number 78491708177041. The following samples were submitted and identified by test bench of the client as LED STRIP.

Sample Reference Information: SEE ATTACHMENT
Sample Receipt Date: JAN 07, 2014
Further Information Date: FEB 18, 2014
Testing Period: JAN 07, 2014 TO JAN 18, 2014

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

FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGES:

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

Party Signatory, address
 Bin Yu, Technical Manager

SGS

SGS
 Certificate CH203026

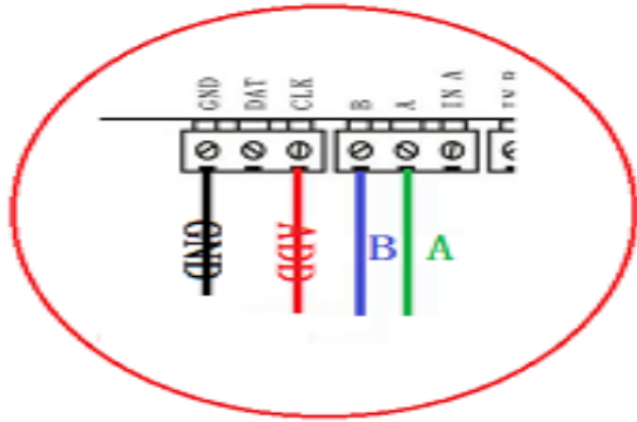
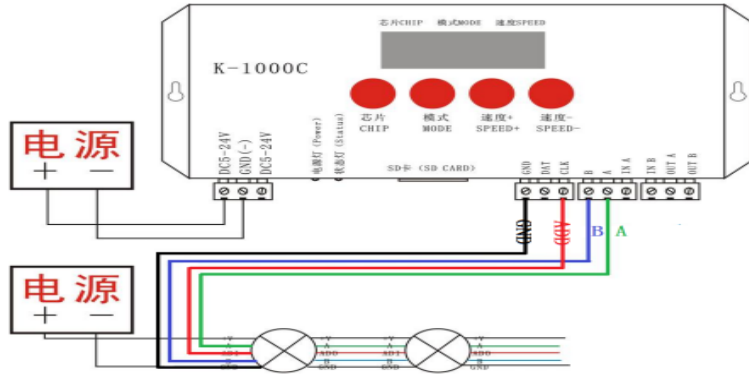
SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.
 2F, H1 Building, Tangtou Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, P.R. China
 United Social Credit Code 51403919881324

ISO 9001:2015
 For following activities:
 Design and manufacture of LED strip products

Under licence granted to the applicant by SGS-CSTC Shanghai Technical Services Co., Ltd. on 15/01/2018. The licence is valid until 15/01/2021 and covers only activities as indicated in the certificate. Recertification shall be an obligation of the client. The licence shall be suspended when the client is notified of a non-conformity. The licence shall be terminated when the client is notified of a non-conformity.

SGS

Installation Instructions

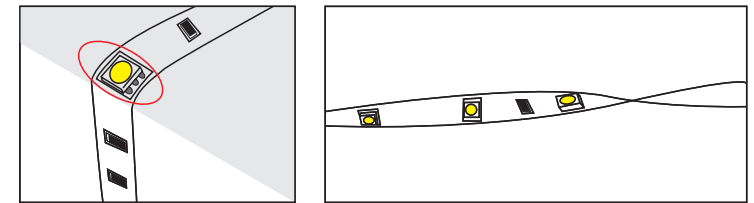
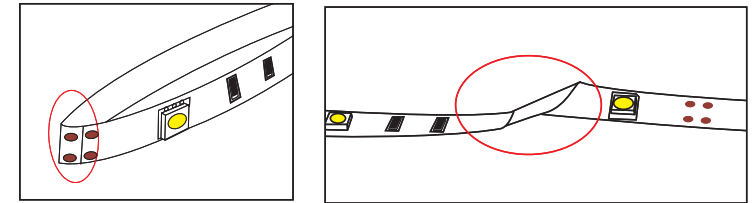


Note:

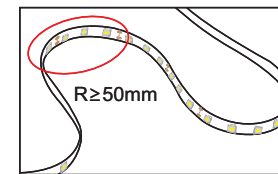
1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

⚠ 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

