

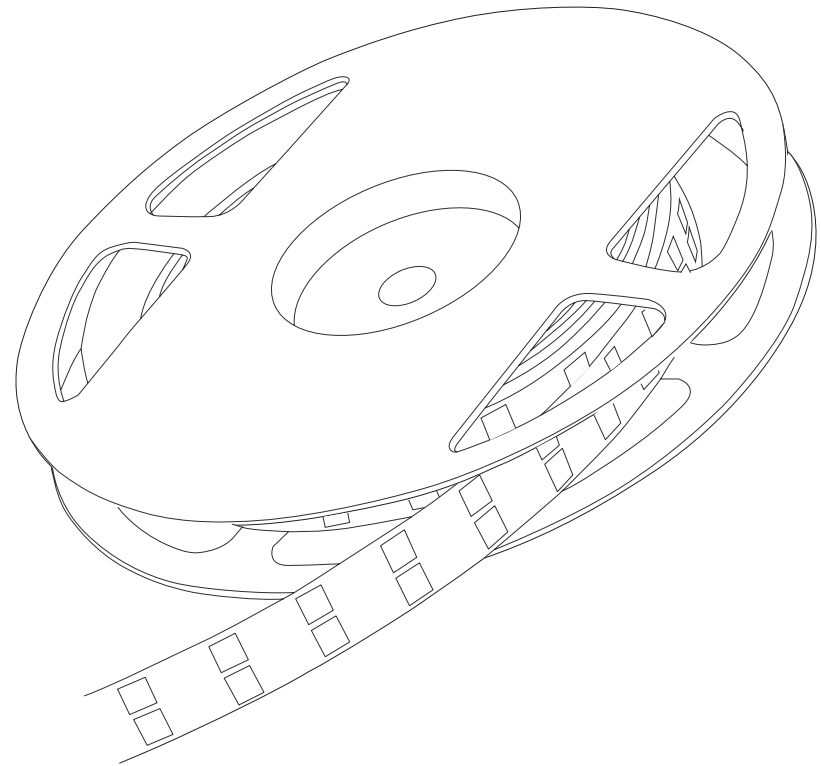


曼杰光电  
MAJOR LIGHTING

MJ-F5050L60WX-X-JD

SPECIFICATION SHEET

2019.04 V-1.0



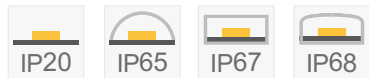
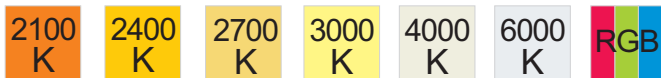
## Comprehensive Description

Applying to BLIGHT, decorative lighting, LED Strip has the features of long lifetime and small brightness decay.

Various color temperature are available and only ONE BIN is used for each order to keep same color.

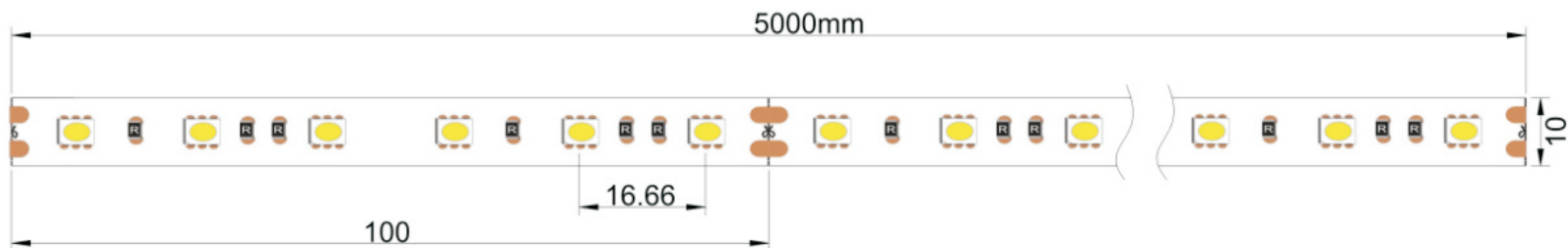
### Material and technology:

- ◆ LED is packaged with pure gold thread and large chip;
- ◆ Lead-free SMT(RoHS), welding spot is rounded and strong;
- ◆ Double layer PCB to ensure stable electrical property;
- ◆ Authentic 3M adhesive tape with stronger stickiness;
- ◆ A variety of fittings are optional to install easily;
- ◆ Different waterproofing grade: IP65, IP67, IP68 and Nano waterproof;
- ◆ The best silica gel is used to make waterproof;



## Technical Parameters

Model: MJ-F5050L60WX-X-JD



### Optical parameters

LED Type	SMD5050
Ra	CRI>80&CRI>95
CCT	2100K/2400K/2700K/3000K/4000K/6000K
Emitting Angle	120°
Luminous flux/LED	20-22lm/LED

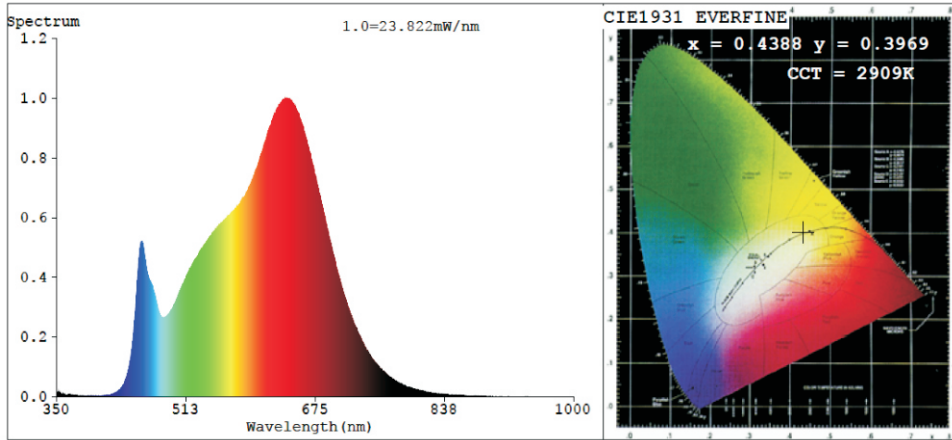
### Electrical parameters

Input Current	1.2A/m,0.6A/m
Input Voltage	DC12V/24V
Watt/m	14.4W/m

### Others

Energy Efficiency	A
Warranty	5 years
Operating lifetime	30,000h
Operating temperature	-20°C- +45°C
Operating humidity	40%-70%RH
Waterproof grade	IP20,IP65,IP67,IP68
Dimensions	5000*10mm
LED Qty/m	60LED/m
Min cuttable distance	50mm(3LED),100MM(6LED)

## Test Report



## 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, Bao'an District, Shenzhen, Guangdong, China  
**Country:** China  
**Contact:** Bin Wu  
**Phone:** +86-755-29116235  
**FAX:** +86-755-29116235  
**Email:** hui@shinesky.com

**Manufacturer:** Shenzhen Shinesky Optoelectronics Co., LTD  
**Address:** 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Bao'an District, Shenzhen, Guangdong, China  
**Country:** China  
**Contact:** Bin Wu  
**Phone:** +86-755-29116235  
**FAX:** +86-755-29116235  
**Email:** mai@shinesky.com

**Party Authorized To Apply Mark:** Intertek Testing Services Shanghai

**Control Number:** 5000956

**Authorized by:** Thomas J. P. O'Connell, Compliance Manager

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

**Standards:** General Requirements for Luminaires - CIE S112 No 9.9 (Issued: 1996/09/01 Ed. 1 (2011), with Cor. 1: 1997, Cor. 2: 1999)

**Product:** Low voltage fixture LED strip

**Model:** SK-CV102-2 color "X", "Y" and "Z" is a letter or the combination of a letter and a number

Intertek Testing Services Ltd Inc.  
 445 East Argonaut Road, Aliso Viejo, CA 92656  
 Telephone: 949.361.8581 or 949.434.5867 Fax: 949.286.8722

ATM for Report 15030064950A-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, Bao'an District, Shenzhen, City 518108, P.R. China

**Product:** LED Lamp (LED Strip)

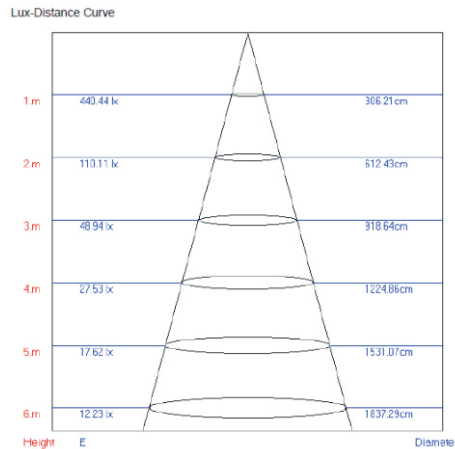
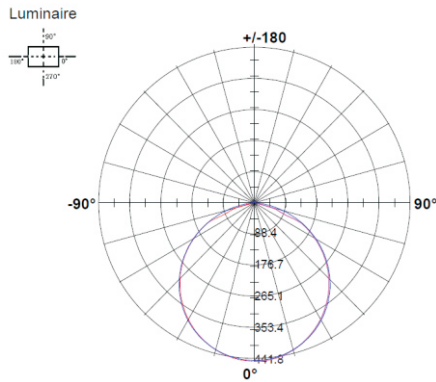
**Identification:** Type designation: SK-102010  
 ('s', 'y', 'z' are variables, refer to report for details)  
 Serial No.: n.a.  
 Remark: Refer to test report 17055806 001 for details.

**Tested acc. to:** EN 60528:2013  
 EN 61347:2009

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 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: 15.01.2015  
 TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg  
 Dipl.-Ing. Ulf S. C. Steinhilber

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



**SGS Test Report** No. TN14191706171041 Date: FEB 18, 2014 Page 1 of 6

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

This report supersedes all the previous documents bearing the test report number 703010706171041.

The following sample 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) (Sulfur hexafluoride) were tested as specified by the applicant. (Refer to test report 15030064950A-001)	PASS

FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGES:

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

**Party Signatory, address**  
 Bin Wu  
 Technical Manager

**SGS** Certificate: CH170308

The management system of  
**SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.**  
 2F, H1 Building, Tangtou to East Park, Tangtou, Shiyuan Town, Bao'an District, Shenzhen, Guangdong, P.R. China  
 United Social Credit Code: 91440300791868132A

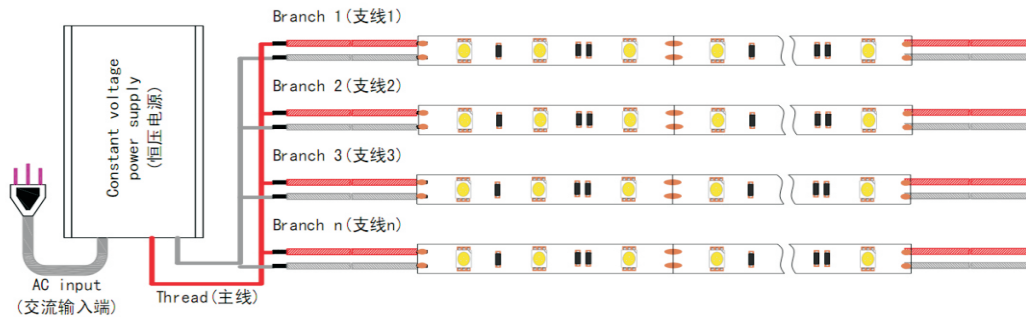
has been assessed and certified as complying with:  
**ISO 9001:2015**

For manufacturing activities  
 Design and manufacture of LED strip products

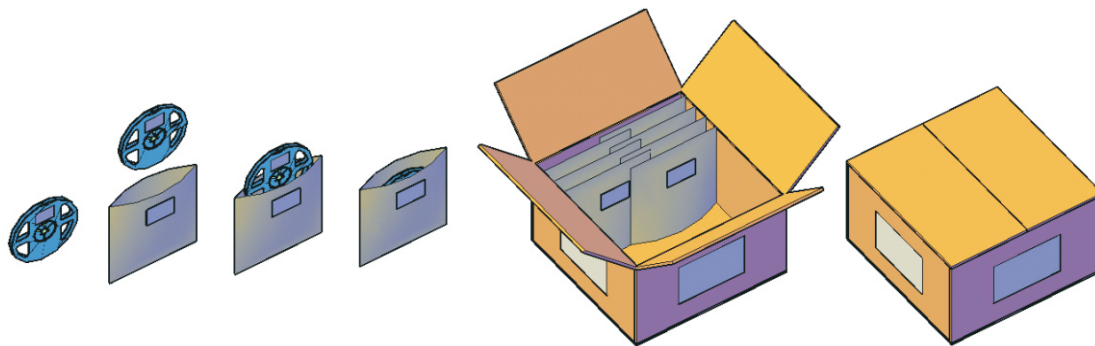
Under conditions applying to scope of the certificate and the application of ISO 9001:2015 according to the requirements of the International Organization for Standardization (ISO).  
 The certificate is valid from 2 March 2017 until 1 March 2020 and cannot be used to certify any non-conforming activity.  
 Recertification shall be a minimum of 60 days before the expiration date.  
 Issue 1 Certified since 2 March 2017

SGS 9001:2015 Page 1 of 1

## Installation Instructions



## Package

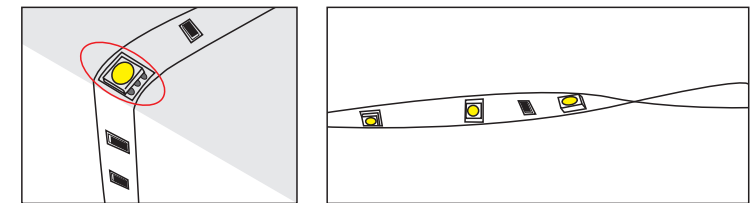
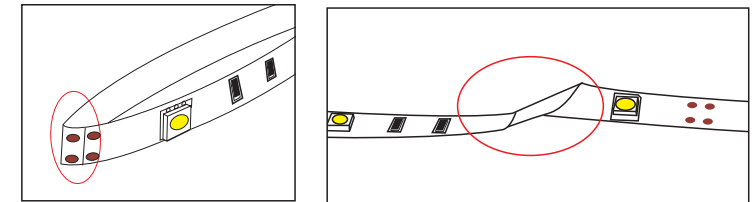


### Note:

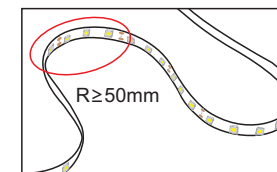
1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

### ⚠ 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.