

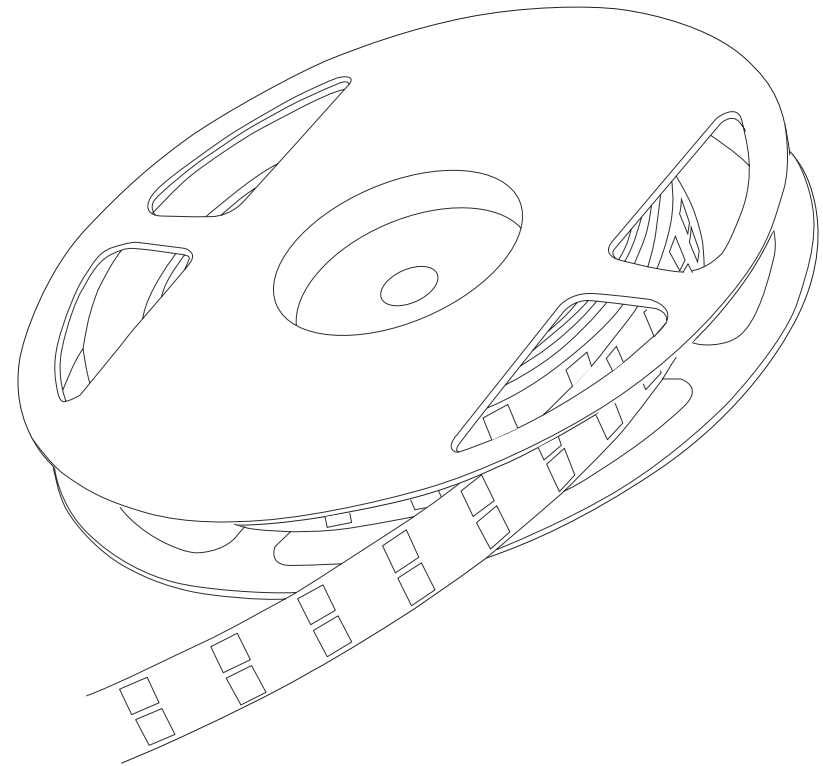


晏杰光电  
MAJOR LIGHTING

MJ-F3528L120W24-X-CA

SPECIFICATION SHEET

2019.04 V-1.0



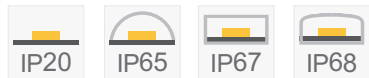
## Comprehensive Description

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.

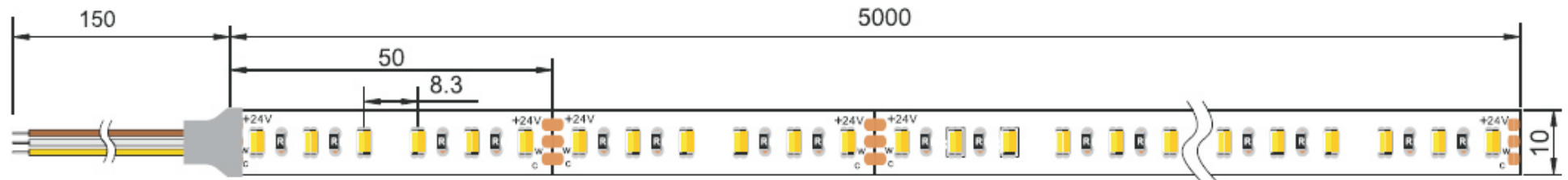
### Material and technology:

- ◆ 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-F3528L120W24-X-CA



### Optical parameters

LED Type	SMD3528 2in1
Ra	CRI>80
CCT	3000K+6000K
Emitting Angle	120°
Luminous flux/LED	14-16lm/LED

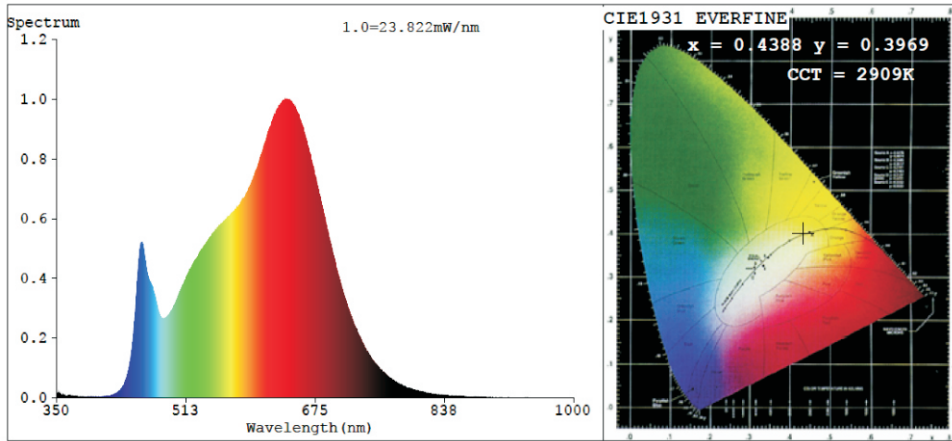
### Electrical parameters

Input Current	1.6A/m,0.8A/m
Input Voltage	DC12V/24V
Watt/m	19.2W/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	120LED/m
Min cuttable distance	25mm(3LED),50MM(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  
**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  
**Contact:** Bin Wu  
**Phone:** +86-755-29116235  
**FAX:** +86-755-29116235  
**Email:** ma@shinesky.com

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

**Control Number:** 5000956 **Authorized by:** Thomas J. P. O'Connell, Compliance Manager

**Intertek Testing Services NA Inc.**  
 445 East Algonquin Road, Algonquin Heights, IL 60005  
 Telephone: 815-395-9851 or 815-433-5867 Fax: 815-395-9722

**Standards:** General Requirements for Luminaires - CIE S112:2002 (Ed. 1 Rev. 2014/02/24)  
 IEC 60598-2-2:2002 (Ed. 2:2009)  
**Product:** Low Voltage Fixtures LED Strip  
**Model:** SK-CV102-Z, color: "X", "Y" and "Z" is a letter or the combination of a letter and a number

ATM for Report 1530064691NA-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)

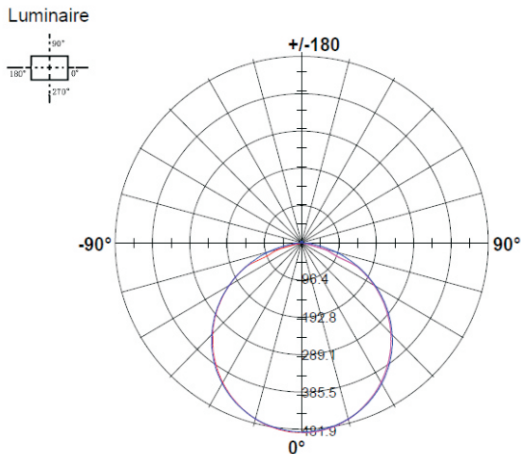
**Identification:** Type designation: SK-0702V1 ('s', 'y', 'z' are variables, refer to report for details)  
 Serial No.: n.a.  
 Remark: Refer to test report 17055806 001 for details.

**Tested acc. to:** EN 55015:2012  
 EN 55014:2009

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 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 the 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

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



**SGS Test Report** No. NLT41491706171041 Date: FEB 18, 2014 Page 1 of 6

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

This report summarizes the test procedures bearing the test report number 705107106171041. The following samples were submitted and identified by you: Item# of the client: 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 16, 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 report # 1530064691 for details)	PASS

FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGES:

Signed for and on behalf of: SGS S.p.A. Shanghai Technical Services Co., Ltd. Shanghai Branch-Tiny Laboratory

**Party Signatory, assessor:** David Technical Manager

**SGS CERTIFICATE** Certificate: CH103036

The management system of **SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.**  
 2F, H1 Building, Tangtou Hi-tech Park, Tangtou, Shiyuan Town, Bao'an District, Shenzhen, Guangdong, P.R. China  
 United Social Credit Code 91440300719881328A

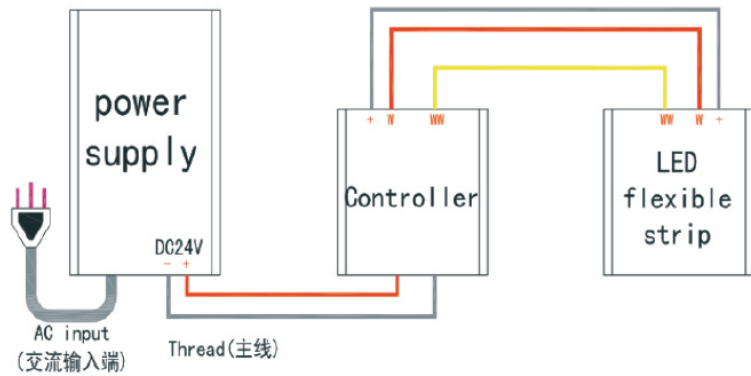
has been assessed and certified as conforming to the requirements of **ISO 9001:2015**

For certifying activities: Design and manufacture of LED strip products

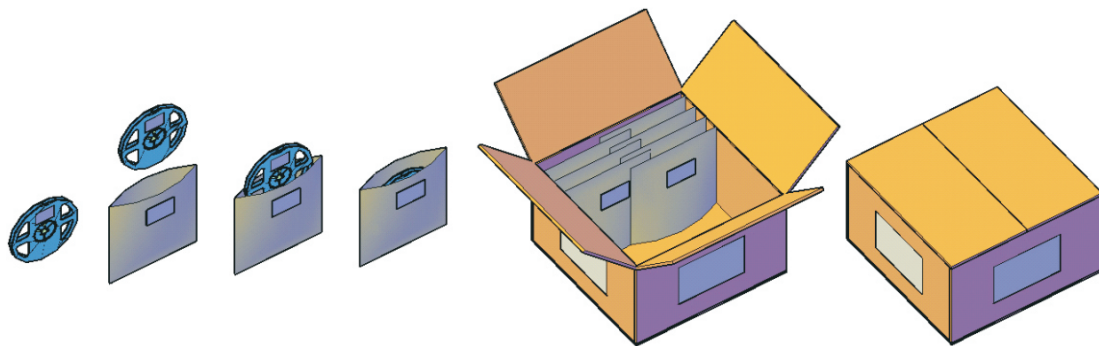
Under conditions applying to scope of activities and the application of ISO 9001:2015, the management system was found to conform to the requirements of ISO 9001:2015. This certificate is valid from 1 March 2017 until 1 March 2020, and remains valid subject to satisfactory surveillance audits. Recertification audit due on or before 14 Feb 2019. The surveillance audit was conducted on 2 March 2017.

SGS S.p.A. - Milano, Italy  
 Page 1 of 1

## Installation Instructions



## Package

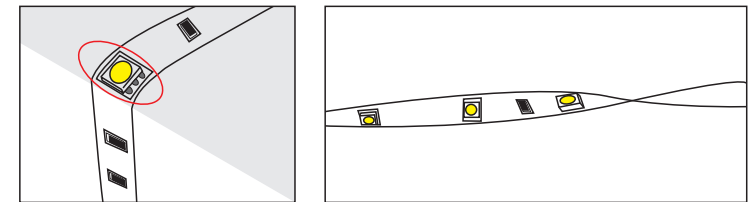
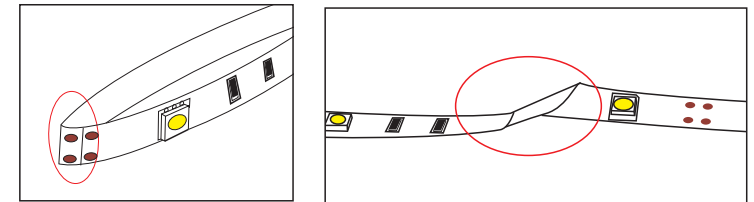


### Note:

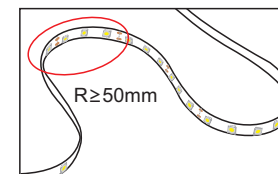
1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

### ⚠ 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.