

Product specification



SK-ST5Q120V24-C27

SMD5050 120 LEDs/m



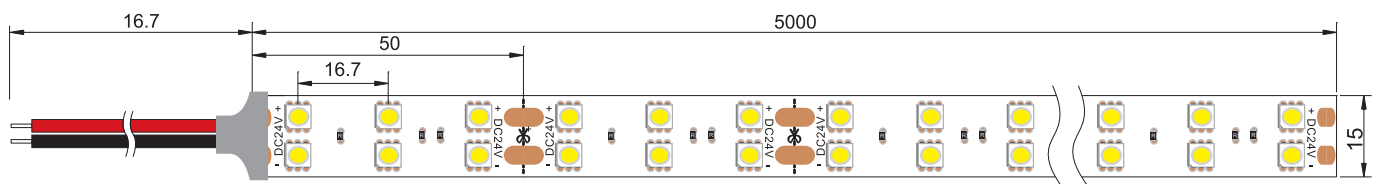


Product Features

Shinesky lighting LED High Density 5050 SMD flexible LED strip is currently one of our brightest strips available. We offer a Color Rendering Index (CRI) over 90, the high CRI flexible 5050 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.



Structure & Parameter



Optical Parameter

Model No	SK-ST5Q120V24-C27
Input voltage	DC 24V
Power/m	28w
Max current / LED	58mA
CRI(Ra)	80Ra
Color temperature	2700k/3000k/4000k/6000k
Lumen / m	1895lm/1895lm/2253lm/2535lm

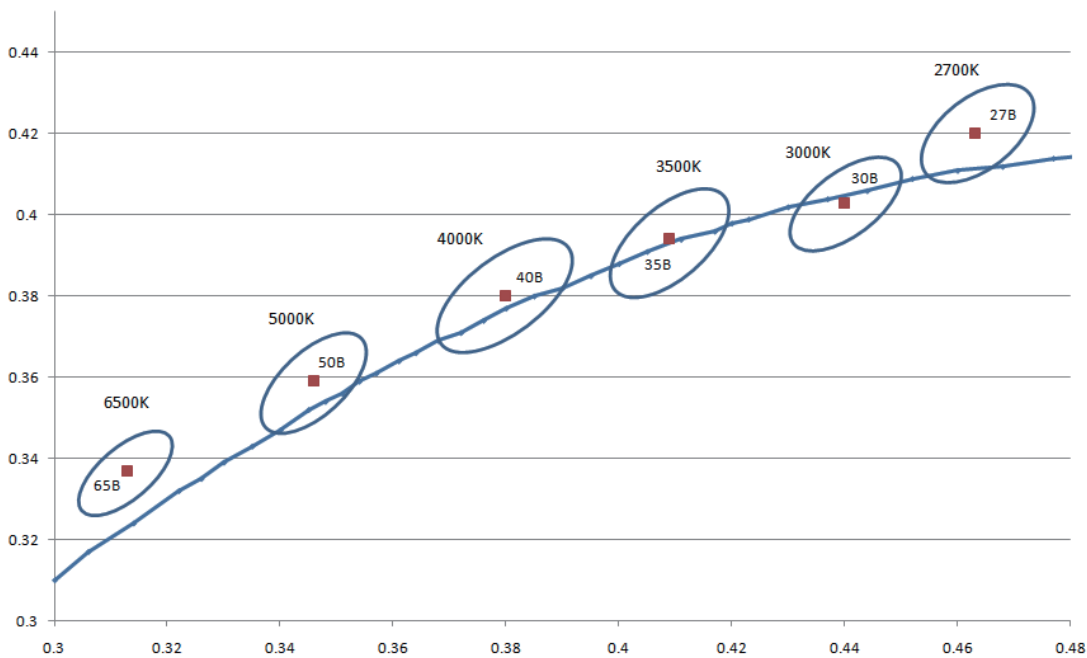
Basic Parameter

LED Q'ty/m	120LEDs/m
SMD Type	5050
Working hour	30000h
Warranty	3years
Working temperature	-20 °C ~ +45 °C
Minim cuttable length	50mm
PCB Width	15mm

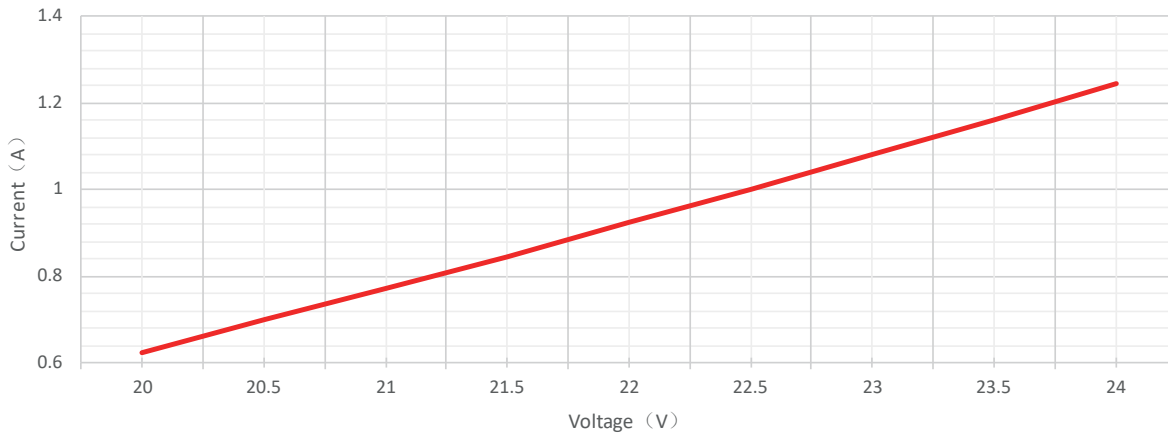
Bin Range of Chromaticity Coordinate

CCT	Bin code Bin		CIE-X	CIE-Y
6500k	65B	6200-6800	0.313	0.337
6000K	60B	5800-6300	0.322	0.336
5000K	50B	4800-5200	0.346	0.359
4000K	40B	3800-4200	0.380	0.380
3500k	35B	3250-3650	0.409	0.394
3000K	30B	2900-3100	0.44	0.403
2700K	27B	2600-2800	0.463	0.42

CIE Chromaticity Diagram

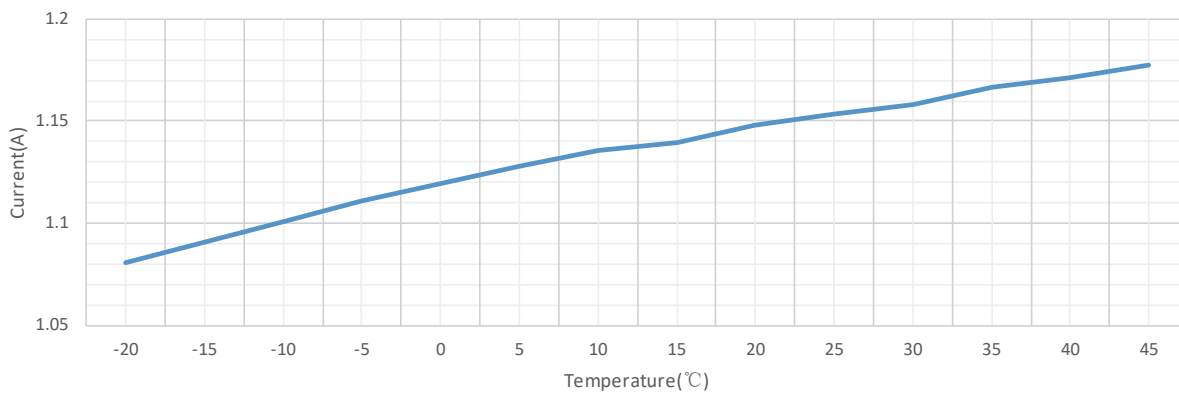


Voltage & Current Curve



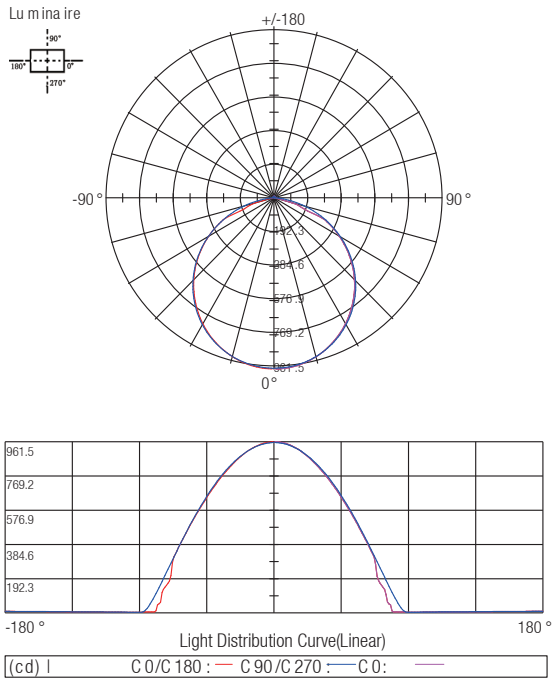
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15°C room temperature.

Temperature & Current Curve

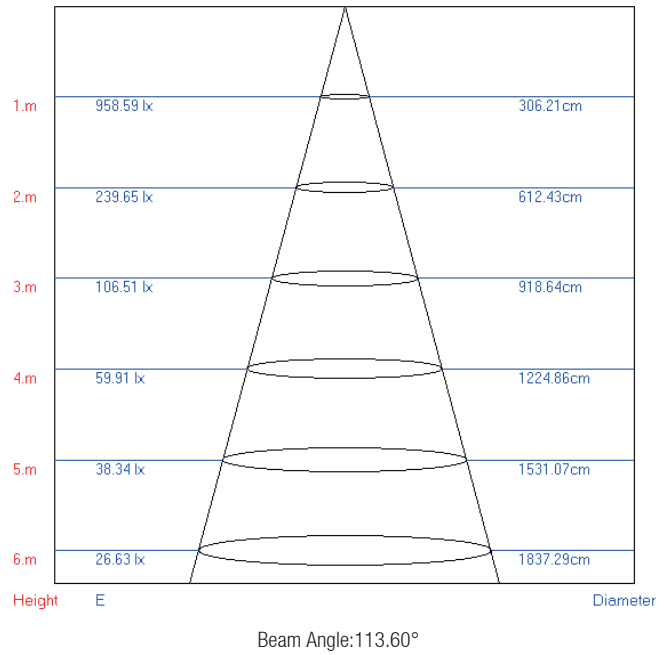


Note: This curve is test data of 1M LED Strip.

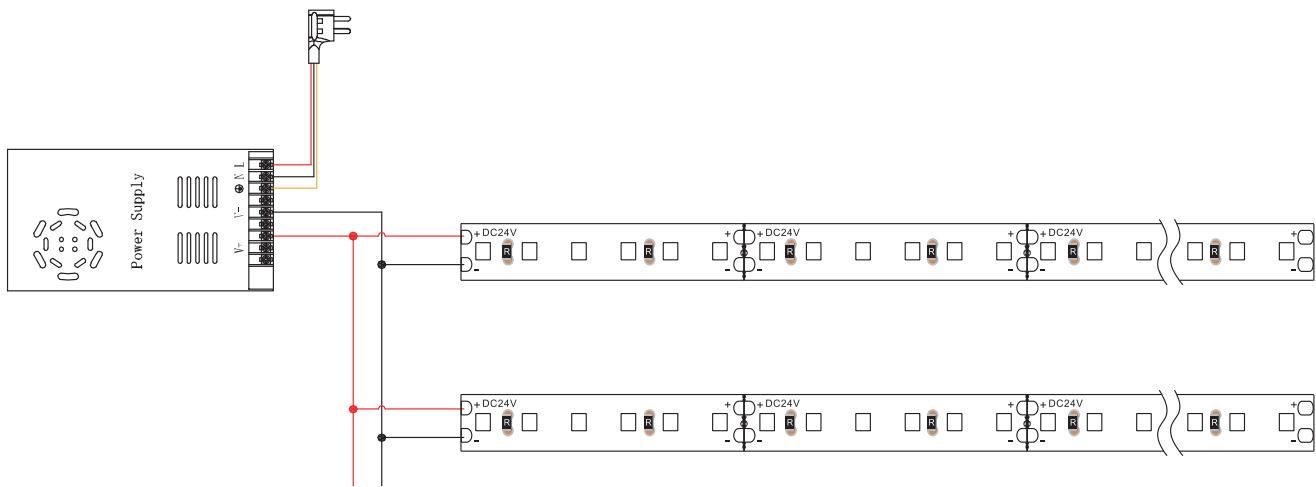
Light Distribution Curve [Unit: cd]



Lux-Distance Curve

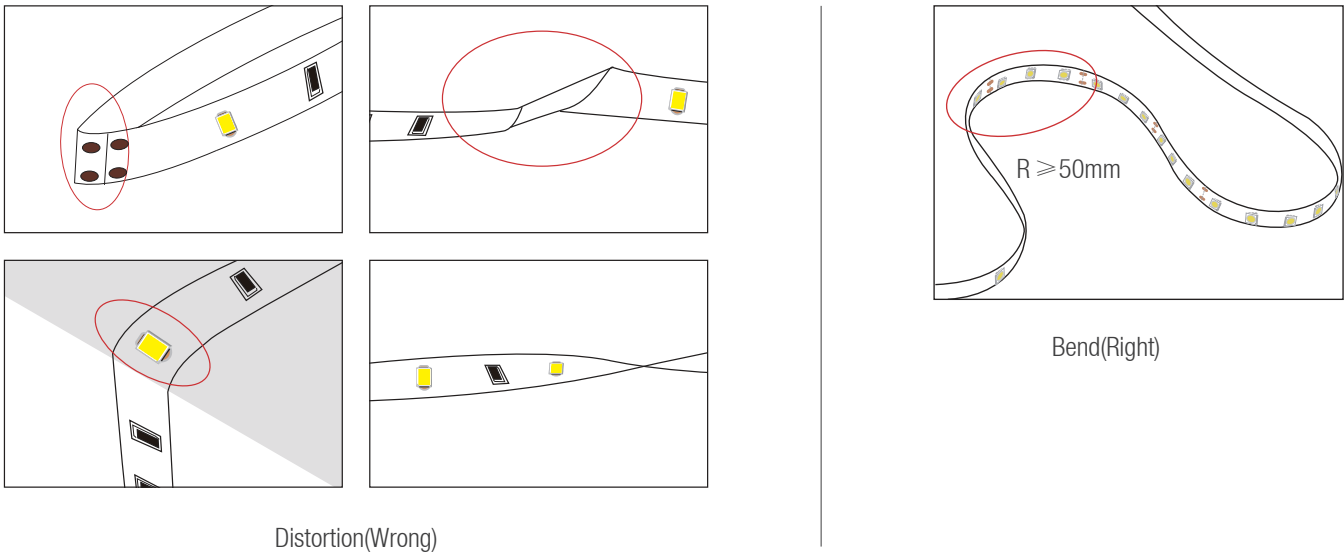


Installation Diagram



! Cautions

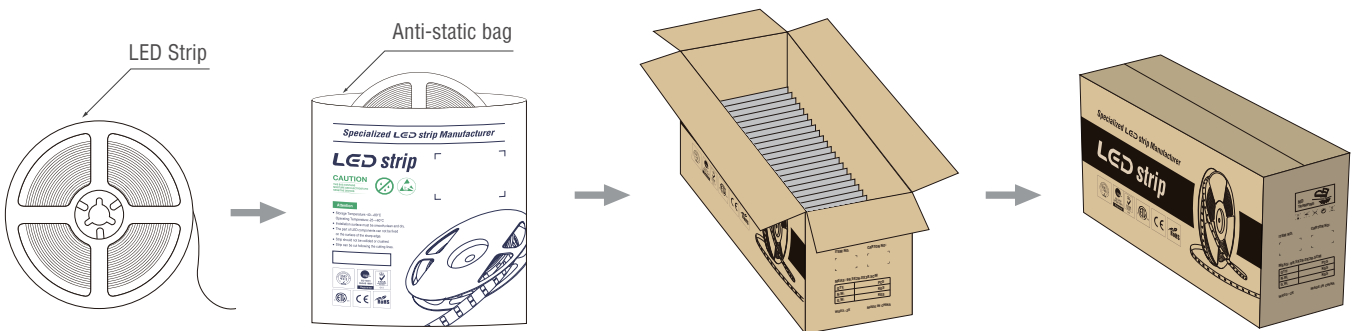
When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.



➤ LED strips are low voltage products,you must use the power supply(transformer).Please don,t connect the led strip directly to the AC 110v or AC 220v,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



Certification

Certificate CN1730296

SGS

The management system of
SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.
2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, P.R. China
Unified Social Credit Code 91440300781958133A

has been assessed and certified as meeting the requirements of
ISO 9001:2015

For the following activities
Design and manufacture of LED strip products

Further certifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.
This certificate is valid from 2 March 2017 until 1 March 2020 and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.
Issue 1, Certified since 2 March 2017

Authorized by

UKAS
MANAGEMENT SYSTEMS
0000

SGS United Kingdom Ltd
Premises Business Park, Elmstree Park, Chesham, CH85 3SL, UK
+44 (0)1273 264001 / +44 (0)1273 264002 / www.sgs.com
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cca.gov.cn

SGS 9001 2015 1015
Page 1 of 1

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 lot/serial model(s) identified on the continuation 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 Optoelectronic Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong	Manufacturer: Shenzhen Shinesky Optoelectronic Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong
Country: China Contact: Bin Wu Phone: +86-755-29518255 FAX: - Email: mail@skled.com	Country: China Contact: Bin Wu Phone: +86-755-29518255 FAX: - Email: mail@skled.com

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

Control Number: 50009056
Authorized by: Thomas, Product Certification Manager

Intertek

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

This authorization does not constitute an endorsement of the product or the manufacturer by Intertek. It is issued solely for the purpose of certifying that the product meets the requirements of the standard. The manufacturer is responsible for ensuring that the product continues to meet the requirements of the standard. Intertek is not responsible for any product liability or other claims arising from the use of the product. The manufacturer is responsible for ensuring that the product continues to meet the requirements of the standard. Intertek is not responsible for any product liability or other claims arising from the use of the product.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-368-5857 or 847-435-8887 Fax 847-238-9772

Standard(s): Low Voltage Lighting Systems - UL 2108 (Revised: 2004/02/07 Ed. 1 Rev. 2014/02/04)
Global Requirements for Compliance: CSA C22.2 No. 0-10 (revised: 1995/01/01 Ed. 1 (R2011), with Gen. Int. 1 - 1997, Gen. Int. 2 - 1998)

Product: Low voltage flexible LED strip

Models: SK-ST3060V12, SK-ST3060V24, SK-ST3060V36

ATM for Report 150300649SH4-001
Page 1 of 1
ATM Issued: 21-May-2015
15:44:24 (UTC+8) (GMT+8)

SGS

Verification Report No. CANEG1706839702 Date: 17 May 2017 Page 1 of 14

SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD
2F, H1 BUILDING, HONGFA HI-TECH PARK, TANGTOU, SHIYUAN TOWN, BAOAN DISTRICT, SHENZHEN CITY 518108 P.R. CHINA

Sample Name: Flexible LED Strip
SGS Job No.: CP17-00413 - GZ

Internal Reference No.: 2.2
Tested Basic Model No.: SK-ST3060V12
(P.O. No.): -
Tested Extended Model No.: SK-ST3060V12, SK-ST3060V24, SK-ST3060V36
(P.O. No.): -
Client Ref. Info.: See remark (4)

Date of Sample Received: 19 Apr 2017
Verification Period: 10 Apr 2017 - 17 May 2017
Verification Requested: With reference to RoHS Directive 2015/863/EU amending 2011/65/EU
Verification Method: Please refer to next page(s).
Verification Result: Please refer to next page(s).
Verification Conclusion: Based on the verification results of the submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated diphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) do not exceed the limit as per RoHS Directive (EU) 2015/863 amending Annex I to Directive 2011/65/EU.
The test results are related only to the tested items. The report shall not be reproduced except in full without the written approval of the testing laboratory.

Note:

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangdong Branch

Jenny Liao
Approved Signatory

nqa global assurance

This is to certify that the Environmental Management System of

CLIENTS NAME SHINESKY OPTOELECTRONICS
ADDRESS 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen City 518108 P.R. China

applicable to
SCOPE
Flexible LED Strip

has been assessed and registered by NQA against the provisions of
ISO 14001:2004

This registration is subject to the company maintaining an environmental management system, to the above standard, which will be monitored by NQA.
To maintain the validity of this certificate, the periodic surveillance shall be monitored by certification body. Please consult the website: www.nqa.com.cn

Certificate Number: 150300649SH4-001

Head of NQA: [Signature]
Date: 18 May 2017
Valid Until: 18 May 2020

UKAS
015

The use of the UKAS Accreditation Mark includes accreditation in respect of those activities covered by the accreditation certificate number 015 held by NQA. It is not to be used for any other purpose. Registered office: Shinesky Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, P.R. China. For full details on the property of the UKAS Accreditation Mark, please refer to the website: www.ukas.com

nqa global assurance

This is to certify that the Environmental Management System of

CLIENTS NAME SHINESKY OPTOELECTRONICS
ADDRESS 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen City 518108 P.R. China

applicable to
SCOPE
Flexible LED Strip

has been assessed and registered by NQA against the provisions of
OHSAS 18001:2007

This registration is subject to the company maintaining an environmental management system, to the above standard, which will be monitored by NQA.
To maintain the validity of this certificate, the periodic surveillance shall be monitored by certification body. Please consult the website: www.nqa.com.cn

Certificate Number: 150300649SH4-001

Head of NQA: [Signature]
Date: 18 May 2017
Valid Until: 18 May 2020

UKAS
015

The use of the UKAS Accreditation Mark includes accreditation in respect of those activities covered by the accreditation certificate number 015 held by NQA. It is not to be used for any other purpose. Registered office: Shinesky Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, P.R. China. For full details on the property of the UKAS Accreditation Mark, please refer to the website: www.ukas.com

CERTIFICATE of Conformity
EC Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AE 50378145 0001
Report No.: 50080521 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-Fluorescence (Flexible LED Strip)

Identification: Type designation: SK-ST3060V12, SK-ST3060V24, SK-ST3060V36 (P.O. No. 015, 016, 017)
Serial No. 015, 016, 017
Remarks: Refer to above-listed test report for details.

Tested acc. to: EN 55015:2013
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 III of Council Directive 2014/30/EU. 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. Directives.

Certification Body
Date: 16.05.2017
TÜV Rheinland LGA Products GmbH - Tübingen 2 - 90431 Nürnberg

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

S H I N E S K Y

**Specialized
LED strip
Manufacturer**

SHENZHEN SHINESKY OPTOELECTRONICS CO.,LTD



Building 29, Shancheng Industrial Park, Shiyan Street, Bao'an District,
Shenzhen, Guangdong, China.



OUR EMAIL

director@shineskygroup.com



OUR PHONE

Tel: 0755-29516255



OUR WEBSITE

www.strip-lights.com