

Product specification



Model : SK-ST3Q120Vz-a

# CCT Adjustable LED Strip

2 Chips in one SMD3528 120LEDs/m



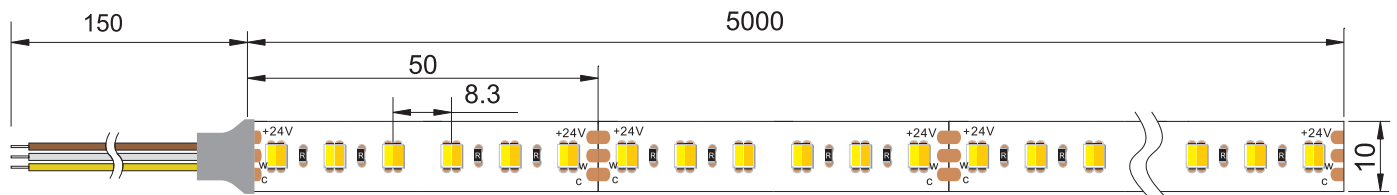


## Product Features

- Tunable white 2000–6500K wide color range.
- Adjust the color temperature as you desire by controller.
- Dimmable available.
- Convenient cuttable and linkable operation.
- A variety of waterproof types optional.



## Structure & Parameter



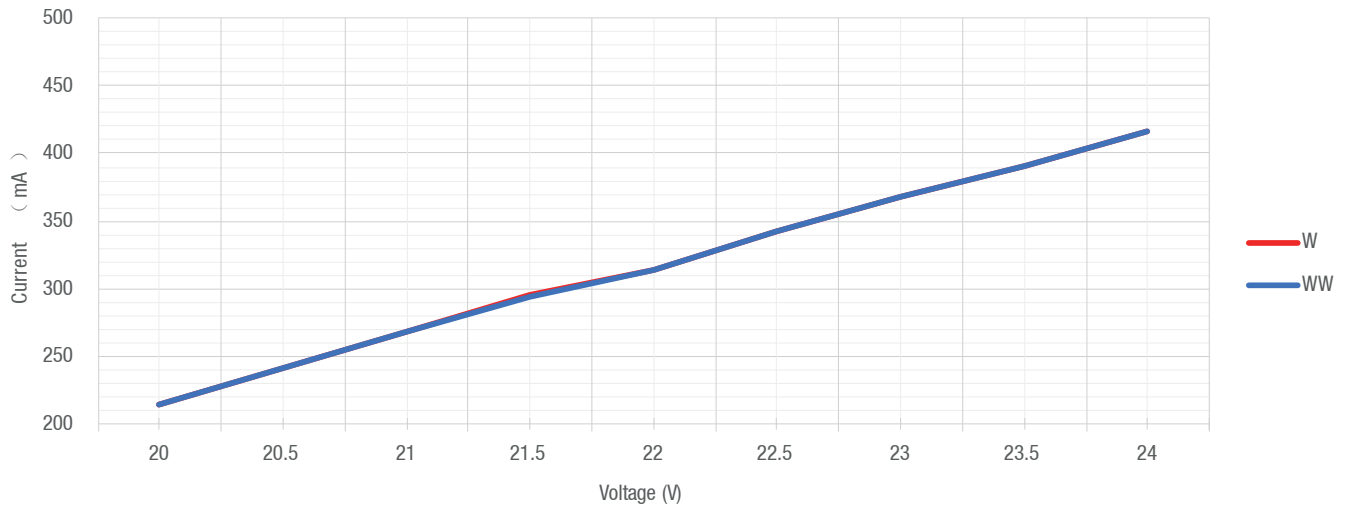
## Optical Parameter

Model No	SK-ST3Q120Vz-a
Input voltage	DC 24V
Power/m	19.2w
Max current /m	0.8A
CRI(Ra)	>80Ra
Color	WW+W
Color temperature	2400~6500K
Lumen / m	720~820lm

## Basic Parameter

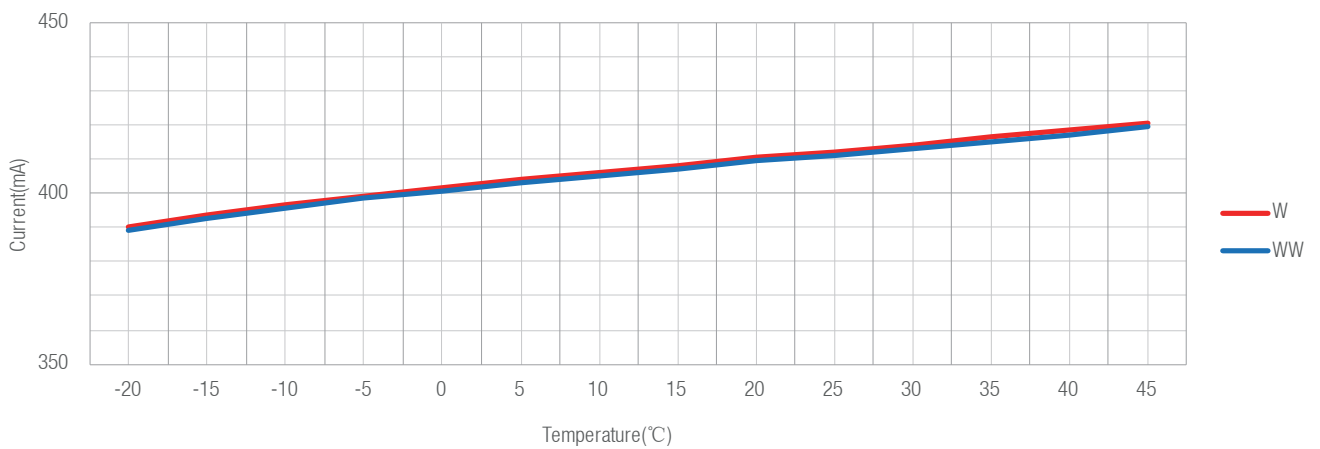
LED Q'ty/m	120/m
SMD Type	3528
Lifetime hour	50000h
Warranty	5years
Working temperature	-20 °C ~+45 °C
Segment	50mm
PCB Width	10mm

## Voltage & Current Curve



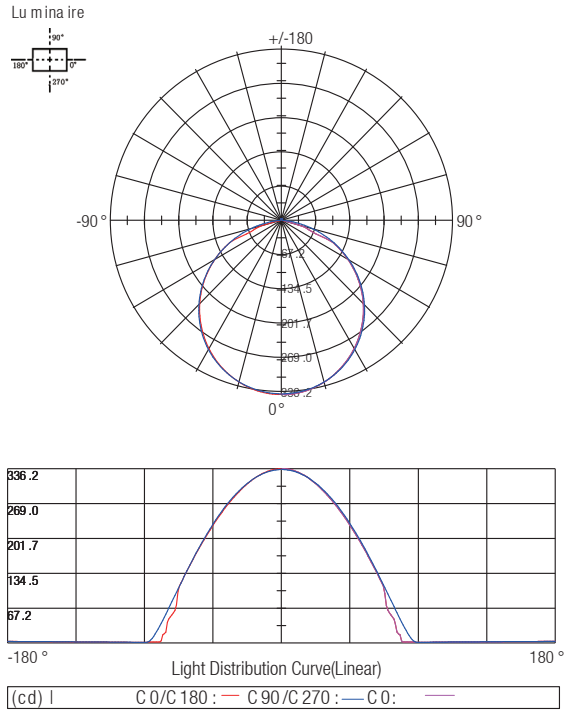
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15 °C room temperature.

## Voltage & Current Curve

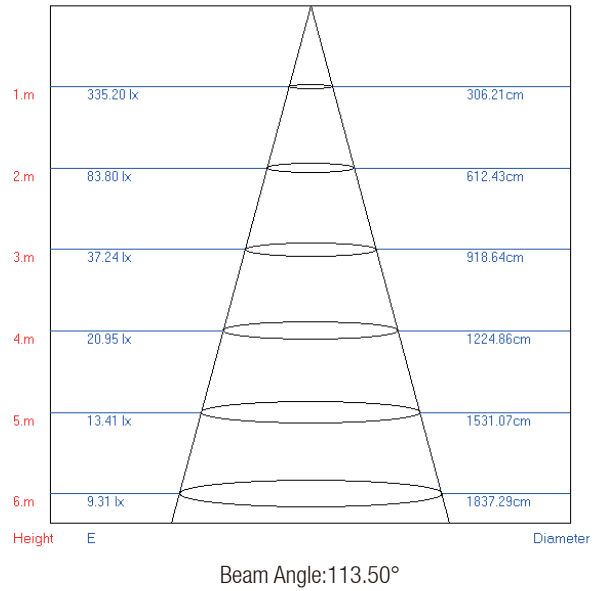


Note: This curve is test data of 1M LED Strip.

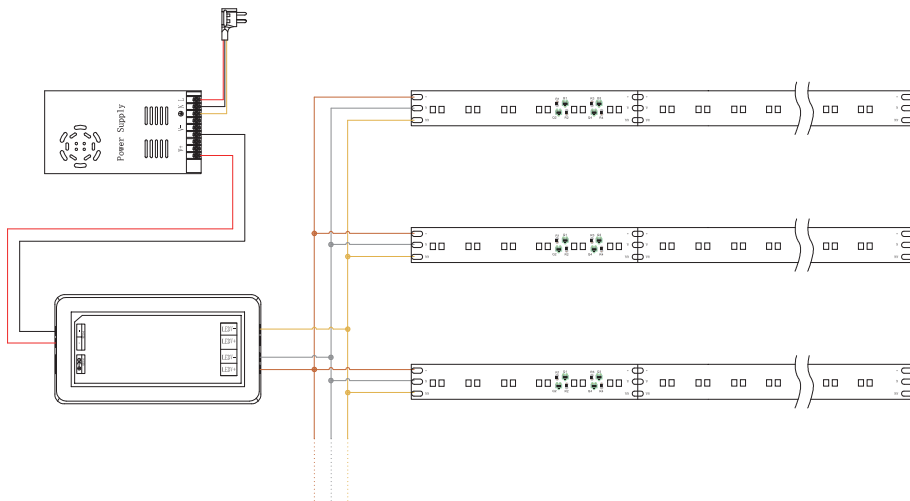
## Light Distribution Curve



## Light Distribution Curve

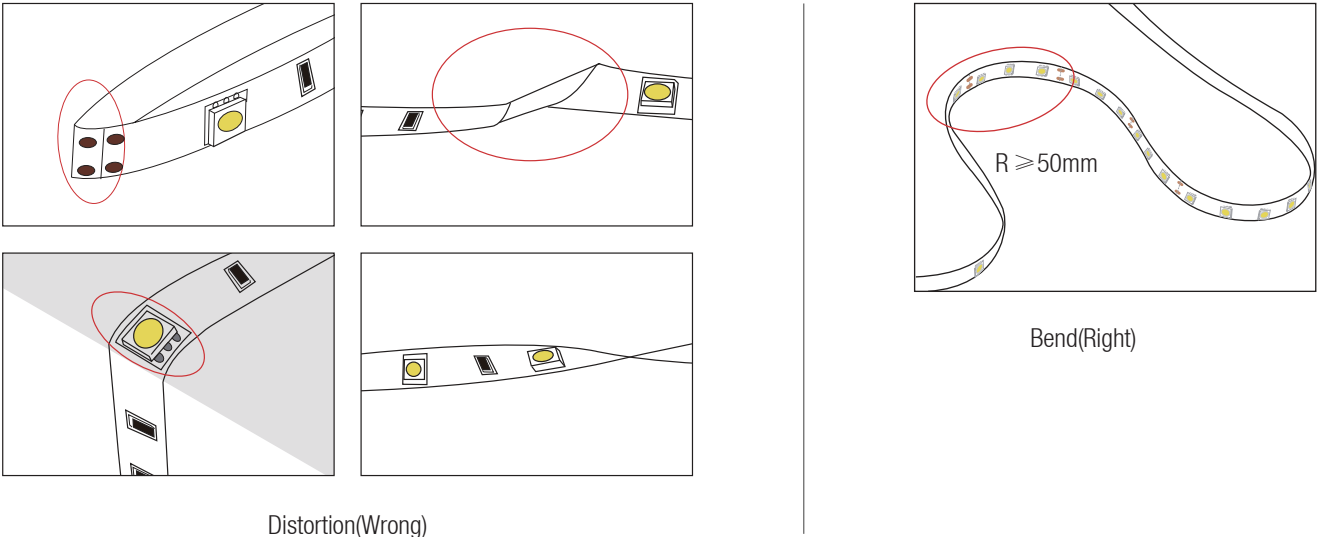


## Wiring Diagram



**Cautions** 

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



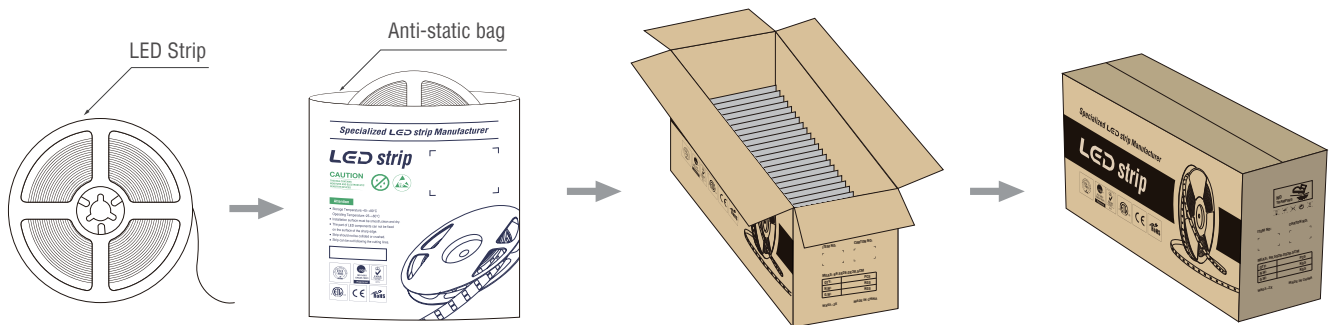
Distortion(Wrong)

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 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 CN170208

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 9144030071958193XA

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 declarations regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the registration body.

This certificate is valid from 2 March 2017 until 1 March 2020 and remains valid subject to satisfactory surveillance audits. Recertification audit due a maximum of 90 days before the expiration date. Issue 1. Certified since 2 March 2017

SGS  
UKAS  
SGS

SGS East European Ltd  
Rzeszów Business Park, Białostocka Półk. Chwałki, 01-650, ul. 1, 14-100 01-04949, 1-441-010-04949, 494-010-0000  
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China (CNCA) at [www.cnca.gov.cn](http://www.cnca.gov.cn)

SGS 9001 2015 013  
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 (same 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.

<b>Applicant:</b> Shenzhen Shinesky Optoelectronics Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong China Country: China Contact: Bin Wu Phone: +86-755-26112556 FAX: +86-755-26112556 Email: int@intertek.com	<b>Manufacturer:</b> Shenzhen Shinesky Optoelectronics Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong China Country: China Contact: Bin Wu Phone: +86-755-26112556 FAX: +86-755-26112556 Email: int@intertek.com
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Party Authorized To Apply Mark: Same as Manufacturer  
Report Issuing Office: Intertek Testing Services Shanghai

Control Number: 5003008 Authorized by: Thomas X. Johnson, Certification Manager

Intertek Testing Services NA Inc.  
945 East Avenue Road, Irvington Heights, S. 60005  
Telephone 800-345-3881 or 947-439-5997 Fax 913-283-1972

Standard: Low Voltage Lighting Systems - UL 2108 (issued 2004/02/27) Ed. 1 Rev. 2014/05/24  
General Requirements for Luminaires - CSA C22.2 No. 83 (issued 1966/05/01) Ed. 1 (R2011), with Gen. Inst. 1, 1997, Gen. Inst. 2, 1998

Product: Low voltage luminaires, L10192  
Model: SK-ST0V0V2 (where "V", "Y" and "Z" is any number, "2" is a letter or the combination of a letter and a number)

ATM for Report 15030084SH-001 Page 1 of 1 ATM Issued 21-May-2015

**SGS**

**Verification Report** No. CAINEC1706639702 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.: CP17-020413 - 02  
Internal Reference No.: 2.2  
Tested Basic Model No.: SK-ST0306V12 (P.O. No.):  
Tested Extended Model No.: SK-ST0306V12, SK-ST0206V24, SK-ST030V6 (P.O. No.):  
Client Ref. Info.: See remark (4)  
Date of Sample Received: 18 Apr 2017  
Verification Period: 19 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 samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) do not exceed the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Note: 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 issuing laboratory.

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

Jenny  
Jenny Liao  
Approved Signatory

Member of the SGS Group (SGS SA)

**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](http://www.nqa.com.cn)

Certificate Number: 15030084SH-001

Date: 18 May 2017  
Valid Until: 18 May 2020

Head of NQA  
UKAS

The use of the NQA Accreditation Mark includes acknowledgment in respect of those activities covered by the accreditation certificate number 013 held by NQA. NQA is a wholly owned subsidiary of TÜV SÜD Group. Registered Office: Wernerhaus, Hauptstraße 100, D-90409 Nürnberg, Germany. Telephone: +49 (0) 911 300-1000. Fax: +49 (0) 911 300-1001. E-mail: [info@nqa.com.cn](mailto:info@nqa.com.cn)

**nqa** global assurance

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**TUV Rheinland**

**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-Fluorescent (Flexible LED Strip)

Identification: Type Designations: SK-ST0V0V2  
[ "V", "Y" and "Z" are variables, refer to test report: 15031100\_10\_04 ]  
Remark: Refer to above-listed test report for details.

Tested acc. to: EN 55015:2013  
EN 61547:2009

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 the certificate in connection with the CE declaration of conformity according to the a.m. Directive.

Date: 16.06.2017  
TÜV Rheinland LGA Products GmbH - TÜV RHEINLAND - 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



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Shenzhen, Guangdong, China.



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