

Model: SK-ST2Q78V48-CCx

50M SUPER LENGTH CC LED STRIP



SMD
2835



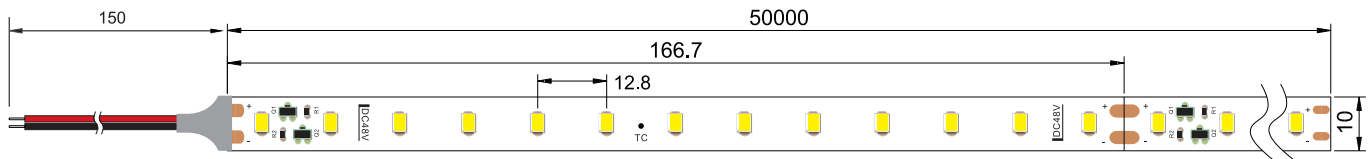
Product Features

Constant current technology protects each LED against voltage drop, keeping same brightness from the beginning to the end; just feed on one supply saved much on installation; Max Length 50M in one Roll;

- Using Top Epistar 2835 with high lumen, pure copper 3oz PCB for good heat;
- 50M/Roll on one supply by DC48V constant voltage driver;
- IP65/IP67/IP68 Rating by Silicone extrusion machine, perfect appearance and no color shift;
- Dimmable; easy cutting and soldered;



Structure & Parameter



Optical Parameter

Model No.	SK-ST2Q78V48-CCx
Input voltage	DC 48V
Power/m	4.5w
Max current / LED	15.6mA
CRI(Ra)	>80Ra
Color temperature	2700~6500K
Lumen / m	495~530LM

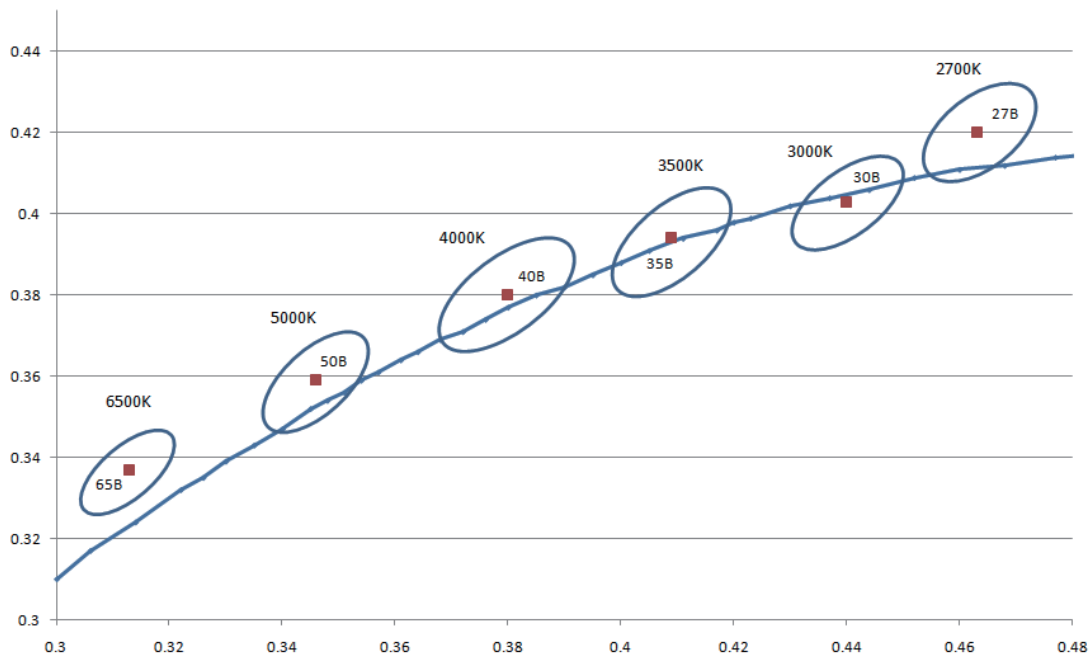
Basic Parameter

LED Q'ty/m	78LEDS/m
SMD Type	2835
Working hour	50000h
Warranty	5years
Working temperature	-20 C ~+45 C
Minim cuttable length	166.7mm
PCB Width	10mm

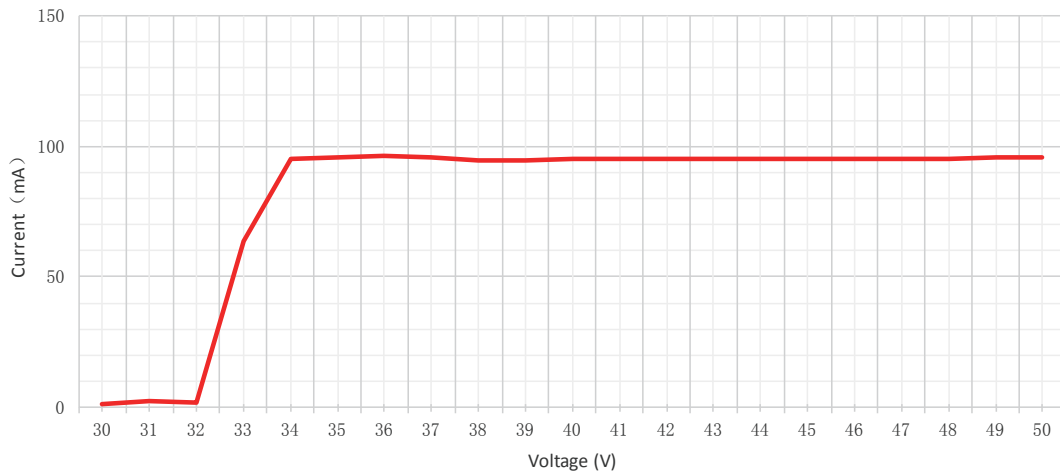
Bin Range of Chromaticity Coordinate

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

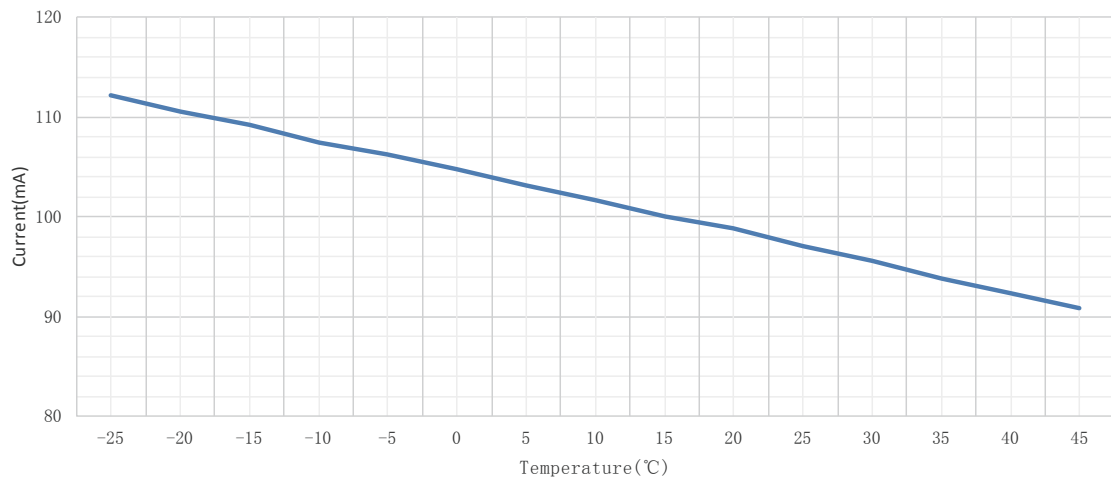


Voltage & Current Curve



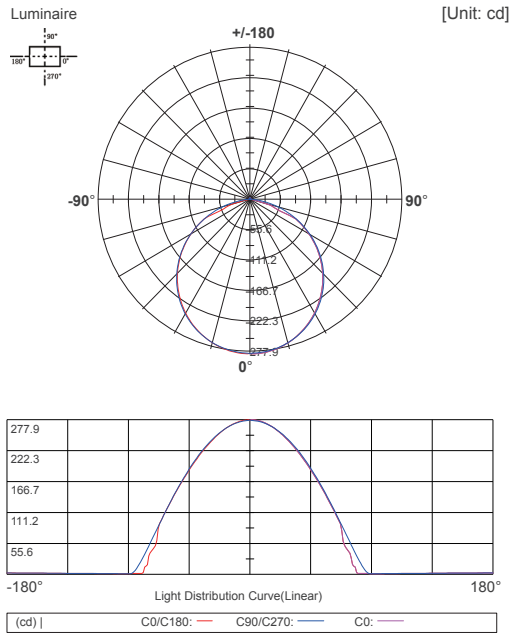
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15 °C room temperature.

Temperature & Current Curve

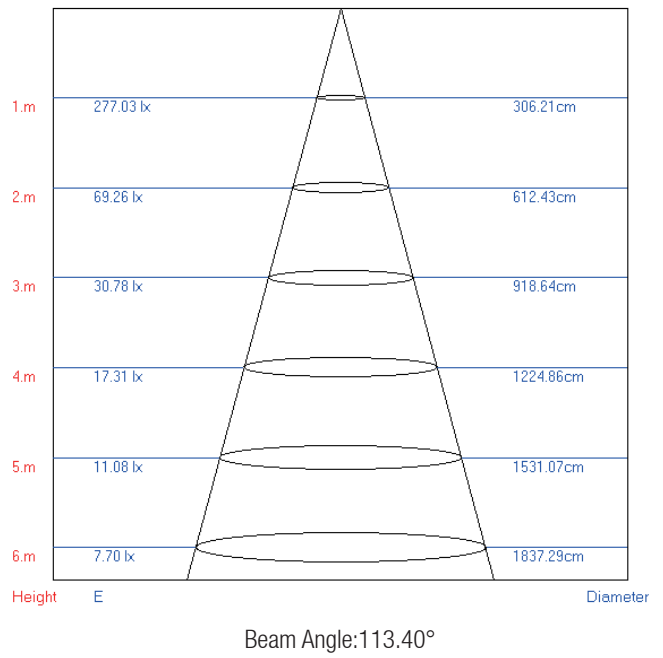


Note: This curve is test data of 1M LED Strip.

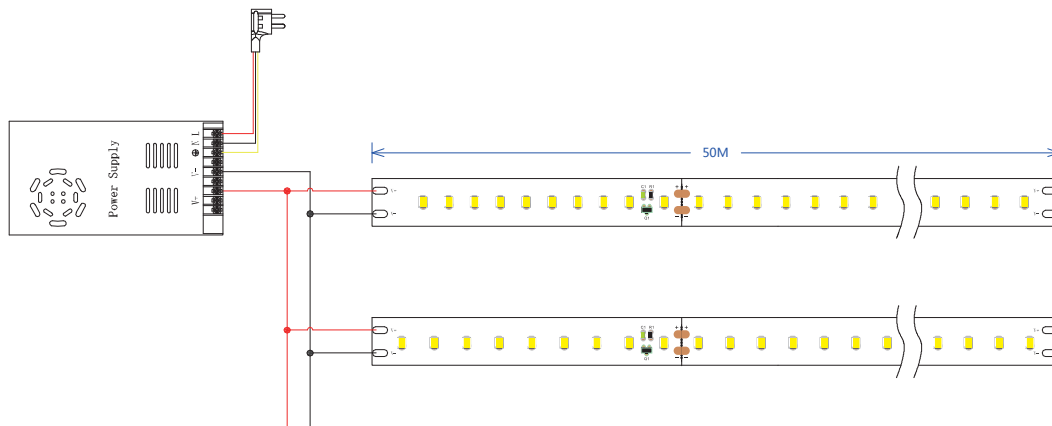
Light Distribution Curve



Lux-Distance Curve

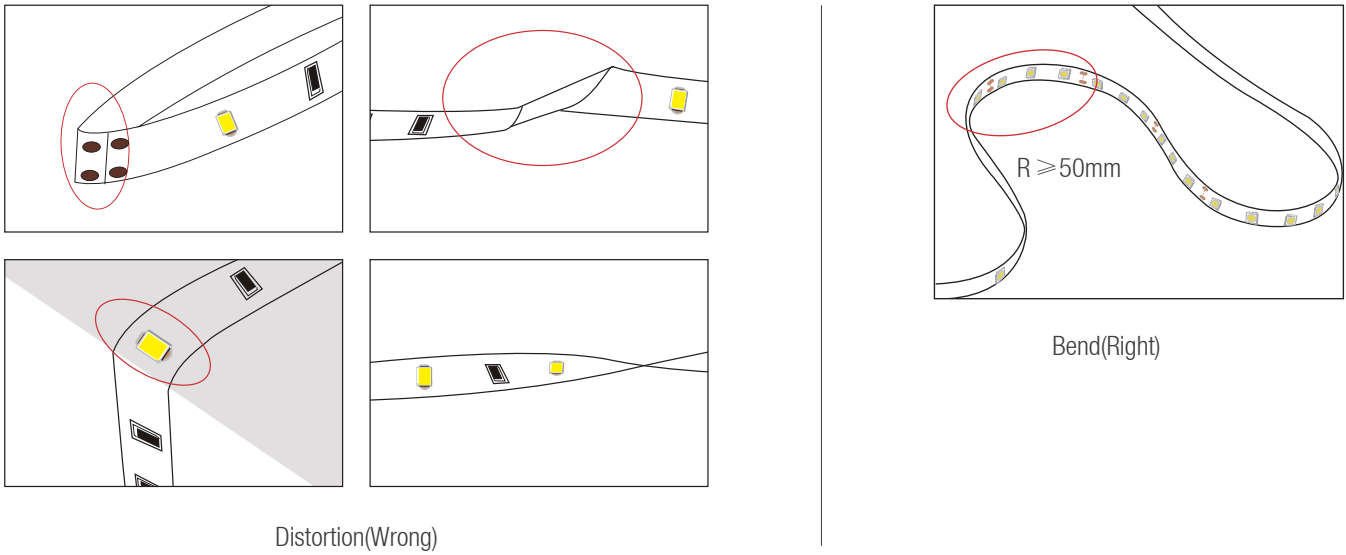


Wiring Diagram



! Cautions

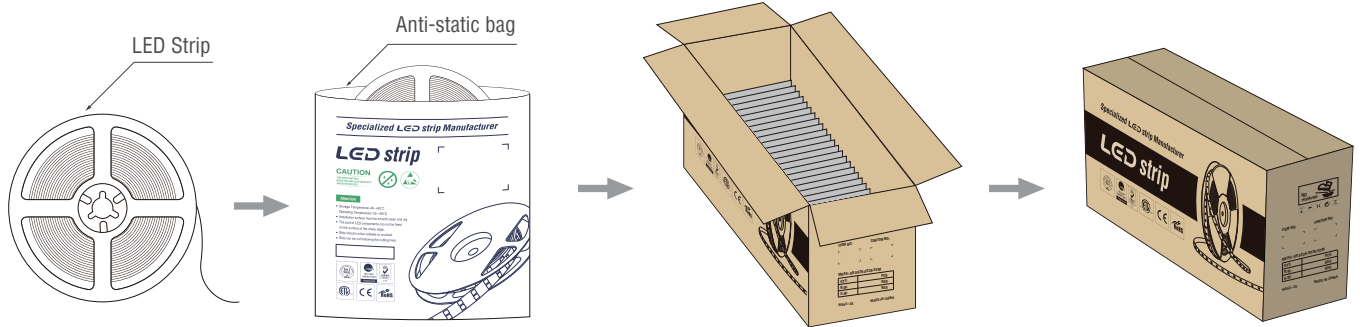
When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.



➤ 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

SGS

Certificate CN1730296

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
United States Credit Code: 91440307619641334

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 certification 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 minimum of 60 days before the expiration date. Issue 1, Certified since 2 March 2017

Authorized by

[Signature]

SGS United Kingdom Ltd
4 rue des Saules, 92400 Courcouronnes, France
The certification information can be verified on the web site of the certification and accreditation administration of the United Kingdom at www.ukas.com

SGS 9001 2015 015 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 label models(s) identified on the companion page of the Listing Report. This document is the property of Intertek. Selling domains and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

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Email: mail@shinesky.com	Email: mail@shinesky.com

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

Control Number: 2000098 Authorized by: *[Signature]* Thomas, Technical Service Manager

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

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Intertek Testing Services NA, Inc.
545 East 17th Street, Chicago, Illinois, IL 60605
Telephone: 800-345-3551 or 847-439-6667 Fax: 815-233-1872

Standard(s): Low Voltage Lighting Systems - UL 2108 (Issue: 2004/02/24)
Product: General Requirements for Luminaires - CSA C22.2 No. 010 (Issue: 1986/01/18) 1 (R2011), with Gen. Inf. 1 1997 (Gen. Inf. 2 1998)

Models: SK-ETXV2-Z (where "X", "Y" and "Z" is any number, "Z" is a letter or the combination of a letter and a number)

ATM for Report 1503006489H-001 Page 1 of 1 ATM Issued 21-May-2016

SGS

Verification Report No. CANEC1706693702 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.: CPT-020413 - 02
Internal Reference No.: 2.2
Tested Basic Model No.: SK-ST3080V12
(P.O. No.):
Tested Extended Model No.: SK-ST3080V12; SK-ST3080V24; SK-ST3023V8
(P.O. No.):
Class Ref. Info.: See remark (4)
Date of Sample Received: 19 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 testing laboratory.

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

[Signature]
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: 1503006489H-001

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

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: 1503006489H-001

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

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-Fulllight (Flexible LED Strip)

Identification: Type Designation: SF-ST30V2-E
(X, Y, Z are variables; refer to test report)
Serial No.: 0000
Remark: Refer to above-listed test report for details.

Tested ICC: 00 55515:2013
00 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 this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Certification Body

Date: 16.05.2017
[Signature]
TÜV Rheinland LGA Products GmbH · TUV-TRANS - 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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