

Product specification



Model : ST2Q120V24-Cx

SMD2835 120LEDs Strip



SMD
2835

SMD2835 STRIP



Product Features

- Good chip with golden wire
- Thick copper double-sided PCB
- 12V 24V DC input
- Geniue 3M tape on backside
- Easy to cut in 50mm segments



Structure & Parameter



Optical Parameter

Model No.	ST2Q120V24-Cx
Input voltage	DC 24V
Power/m	24W
Max current / LED	50mA
CRI(Ra)	>90Ra
Color temperature	4000K
Lumen / m	2160LM

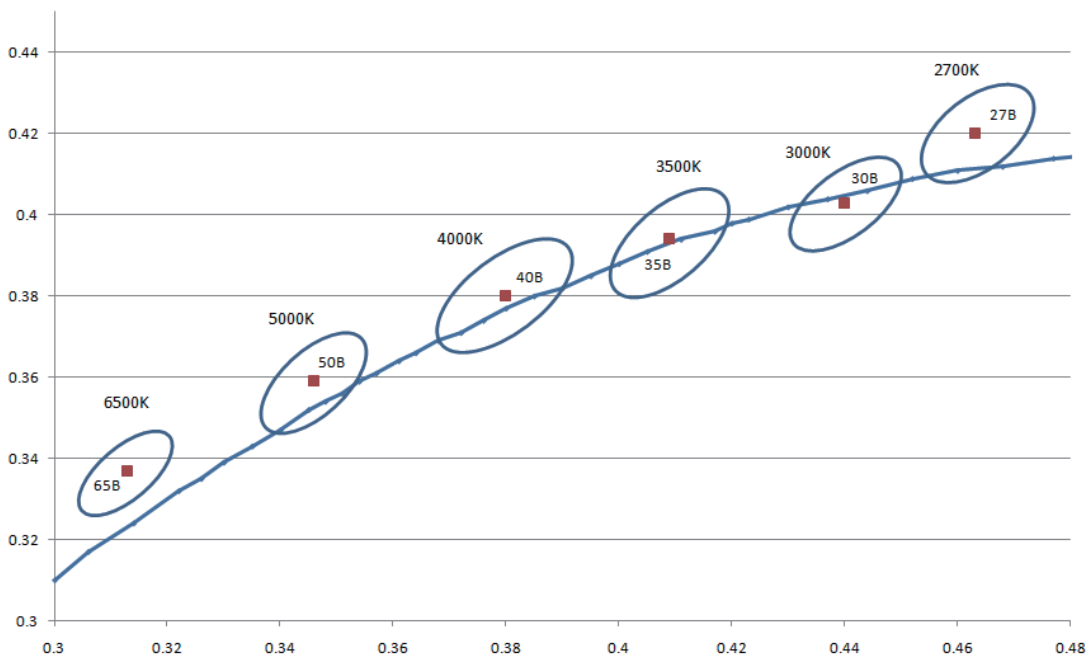
Basic Parameter

LED Q'ty/m	120LEDs/m
SMD Type	2835
Working hour	50000h
Warranty	3years
Working temperture	-20 C ~+45 C
Minim cuttable length	50mm
PCB Width	10mm

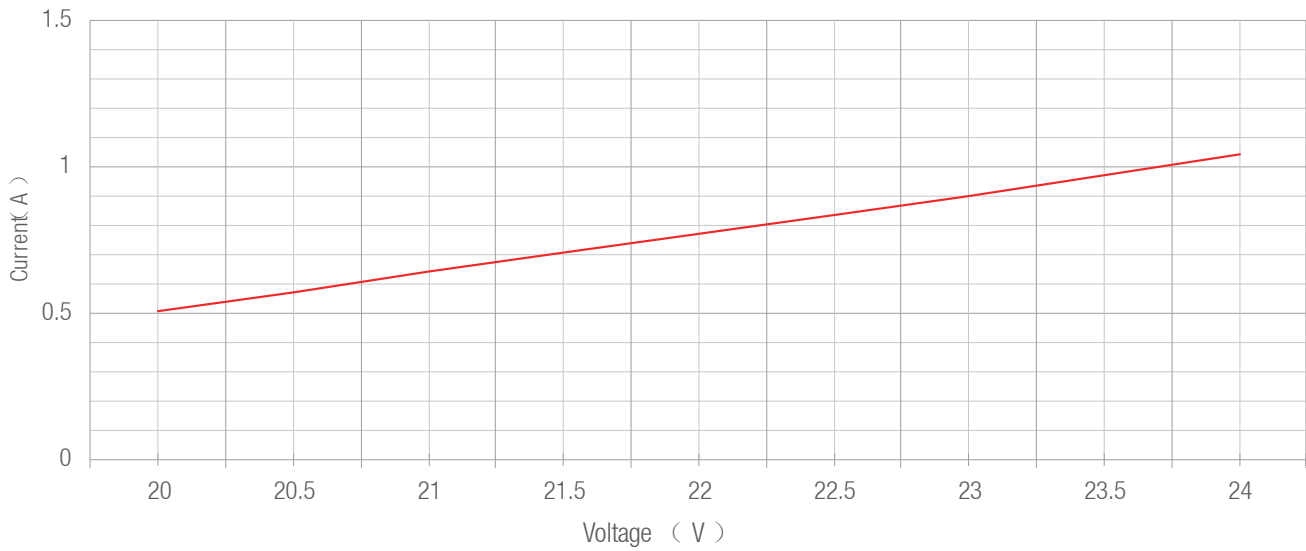
Bin Range of Chromaticity Coordinate

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

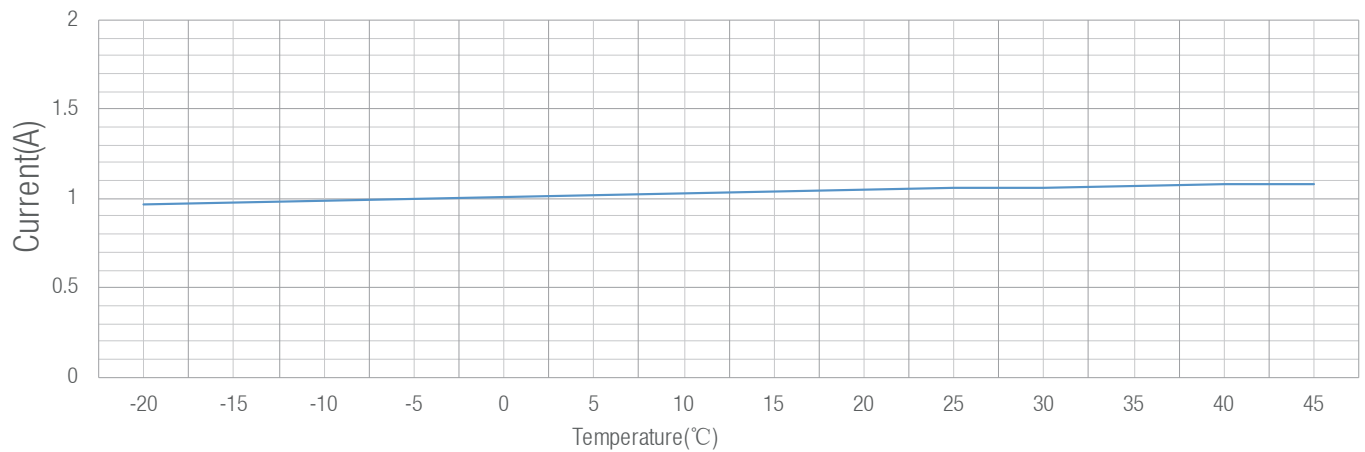


Voltage & Current Curve



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

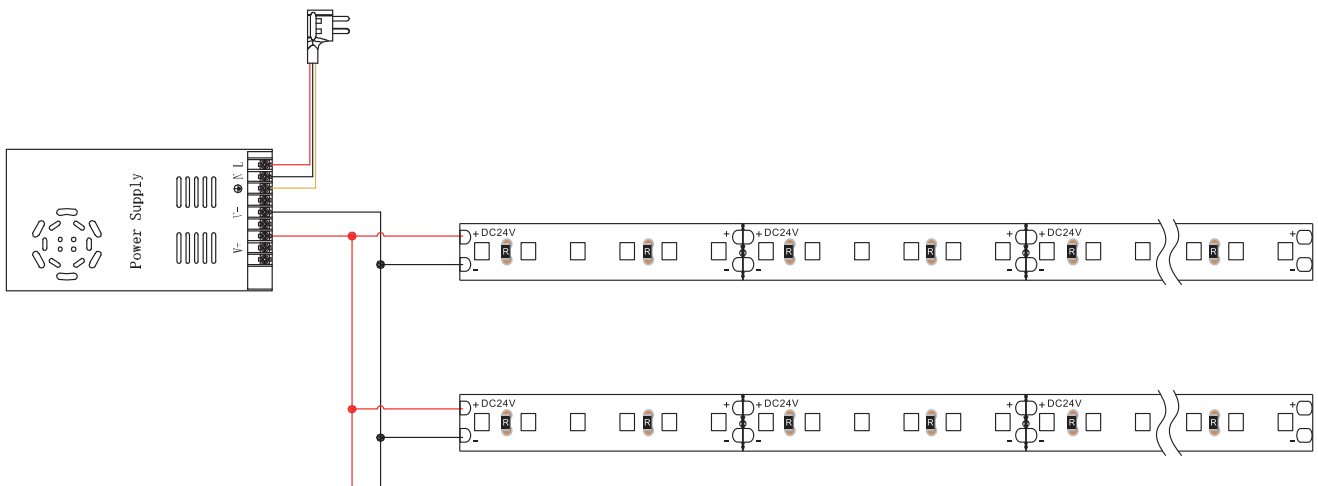
Temperature & Current Curve



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

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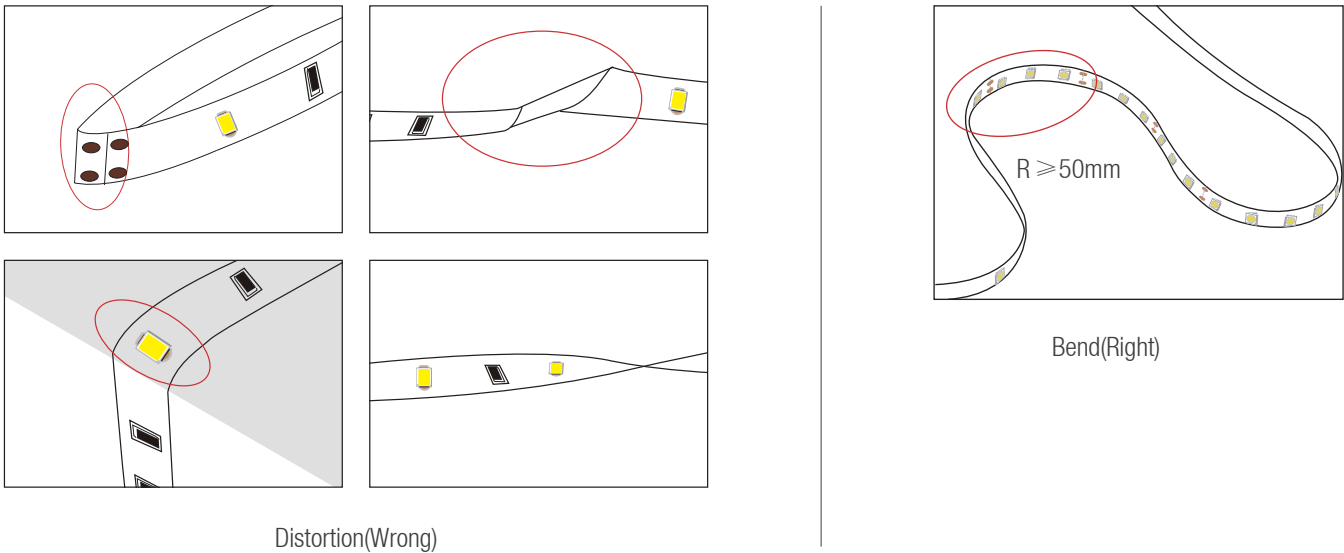
Wiring Diagram



SMD2835 STRIP

Cautions

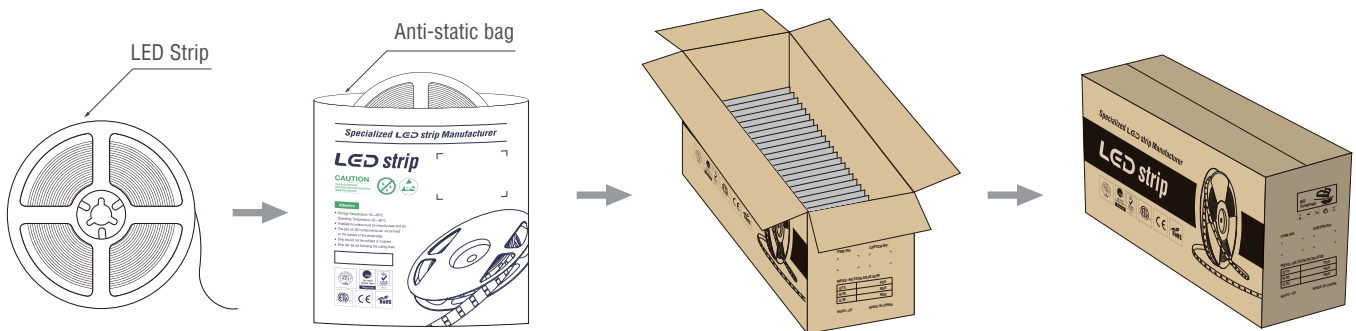
When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.



➤ 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

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: 9144030761958133A

has been assessed and certified according to 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 application of ISO 9001:2015 requirements may be obtained by contacting 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:

SGS (United Kingdom) Ltd
 15000 High Street, Basingstoke, Hampshire, RG24 0BA, UK
 Tel: +44 (0)1256 332300 Fax: +44 (0)1256 332300
 Email: uk@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.cnca.gov.cn

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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 similar 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 Optoelectronics Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, China Contact: Bin Wu Phone: +86-755-26616255 FAX: +86-755-26616255 Email: mail@intek.com	Manufacturer: Shenzhen Shinesky Optoelectronics Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, China Contact: Bin Wu Phone: +86-755-26616255 FAX: +86-755-26616255 Email: mail@intek.com
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Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai

Control Number: 5000906 Authorized by: Thomas J. [Signature]

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

Intertek Testing Services, Inc.
 440 East Alhambra Road, Alhambra, CA 91803
 Telephone: 909-963-8600 or 800-421-8587 Fax: 909-963-8672

Standard(s): Low Voltage Lighting Systems - UL1218 (Issue: 2004/02/27 Ed. 1 Rev. 2014/02/24)
Standard(s): General Requirements for Luminaires - IEC 62572 No. 30 (Issue: 1999/05/01 Ed. 1) (IEC 60598-2-1:1997, Gen. Int. 2:1998)

Product: Low voltage lighting systems

Model(s): SK-S10VQV-2 (where "x", "y" and "z" is any number, "2" is a letter or the combination of a letter and a number)

ATM for Report 50000906/SH-001 Page 1 of 1 ATM issued 21-May-2015

SGS

Verification Report No. CANEC170683702 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 - QZ
Internal Reference No.: 22
Tested Basic Model No.: SK-S700R/V12
(P.O. No.):
Tested Extended Model No.: SK-S730R/V12, SK-S720R/V24, SK-S730V18
(P.O. No.):
Client Ref. No.: 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/EC
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, Poly-aromatic hydrocarbons (PAHs), Poly-brominated diphenyl ethers (PBDEs) do not exceed the limits as set by RoHS Directive (EU 2015/863 amending Annex II to Directive 2011/65/EC).
 The test results are related only to the tested items. This 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. Guangzhou Branch

Jenny Liao
 Approved Signatory

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: 1805006
 Date: 18 May 2017
 Valid Until: 18 May 2020

Head of NQA

The use of the ISO 14001 Accreditation Mark indicates conformity to the provisions of the International Standard ISO 14001:2004. This mark is a property of NQA and shall not be used without the express permission of NQA.

global assurance

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 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: 1805006
 Date: 18 May 2017
 Valid Until: 18 May 2020

Head of NQA

The use of the OHSAS 18001 Accreditation Mark indicates conformity to the provisions of the International Standard OHSAS 18001:2007. This mark is a property of NQA and shall not be used without the express permission of NQA.

CERTIFICATE of Conformity
 TÜV Rheinland

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 lighting (Flexible LED Strip)

Identification: Type designation: SK-S700V1-2 (x, y, z are variables, refer to test report)
 Model: SK-S700V1-2
 Remark: Refer to above-listed test report 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 B of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not prevent 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: 16.05.2017
 TÜV Rheinland LGA Products GmbH - Tübingen - 90431 Nürnberg
 Certification Body

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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