

















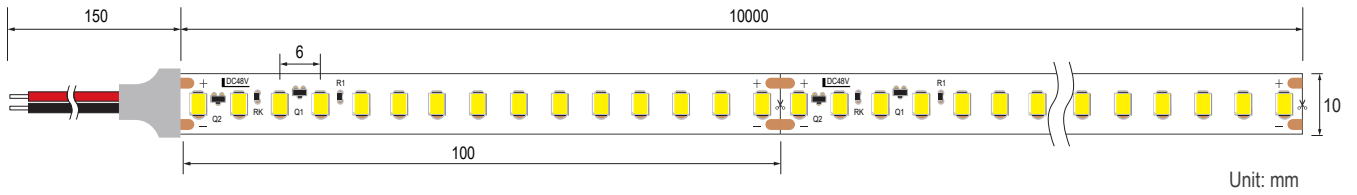
# 48V SUPER LONG LED STRIP

Product specification

## Product List

Model	LEDs/m	Voltage(V)	Power (W/M)	FPC Width (mm)	CRI	Unit length (mm)	Max.run length (M)	IP Level	Page
SK-ST2Q150V48-CCx	150	DC48V	20	10	≥90	100	10	 	01
SK-ST2Q80V48-Cx	80	DC48V	5.8	10	≥90	50	25	 	02
SK-ST2Q160V48-Cx	160	DC48V	8.8	10	≥90	25	20	 	03
SK-ST2Q120V48-CCx	120	DC48V	5.2	12	≥90	100	50	 	04
SK-ST2Q72V48-CCx	72	DC48V	3.2	10	≥90	166.7	60	 	05
SK-ST2Q240V48-CCx	240	DC48V	10.5	12	≥90	100	40	 	06
SK-ST5Q54V48-CCrgb	54	DC48V	9.4	12	--	166.7	50	 	07
SK-ST5Q108V48-CCrgbw	108	DC48V	12.5	12	--	166.7	40	 	08

### Product Dimension




### Product Features




- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

### Basic Parameters


Input Voltage	DC48V
LED Type	2835
LED QTY/M	150
CRI	≥90
Max.run length	10m




IP Level  
**IP 20**



IP Level  
**IP 65**



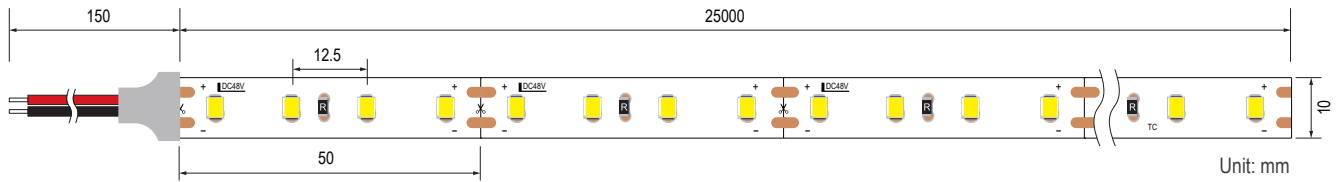
Standard  
**LM-80**



Warranty  
**3 Years**

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	20	2080	104	10	100	10	CC
3000K±150				2100	105				
4000K±200				2300	115				
6500K <sup>+200</sup> <sub>-300</sub>				2220	111				

### Product Dimension




### Product Features




- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

### Basic Parameters


Input Voltage	DC48V
LED Type	2835
LED QTY/M	80
CRI	≥90
Max.run length	25m




IP Level  
**IP 20**



IP Level  
**IP 65**



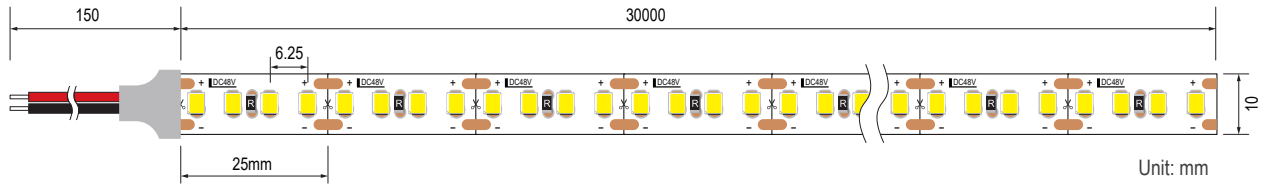
Standard  
**LM-80**



Warranty  
**3 Years**

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	5.8	574	99	10	50	25	CV
3000K±150				534	92				
4000K±200				644	111				
6500K <sup>+200</sup> <sub>-300</sub>				632	109				

### Product Dimension







### Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

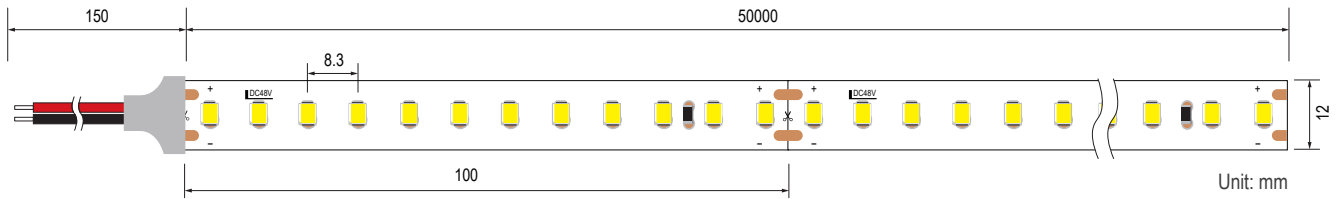
### Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	160
CRI	≥90
Max.run length	20m

 IP Level <b>IP 20</b>	 IP Level <b>IP 65</b>	 Standard <b>LM-80</b>	 Warranty <b>3 Years</b>
--	---	---	---

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	8.8	871	99	10	25	20	CV
3000K±150				792	90				
4000K±200				977	111				
6500K <sup>+200</sup> <sub>-300</sub>				968	110				

### Product Dimension




### Product Features




- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

### Basic Parameters


Input Voltage	DC48V
LED Type	2835
LED QTY/M	120
CRI	≥90
Max.run length	50m




IP Level  
**IP 20**



IP Level  
**IP 65**



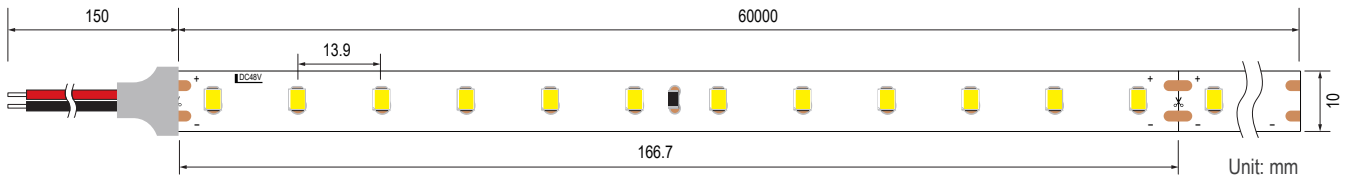
Standard  
**LM-80**



Warranty  
**3 Years**

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	5.2	536	103	12	100	50	CC
3000K±150				541	104				
4000K±200				577	111				
6500K <sup>+200</sup> <sub>-300</sub>				551	106				

### Product Dimension



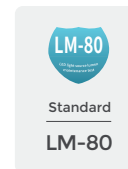
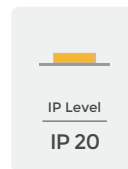
### Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

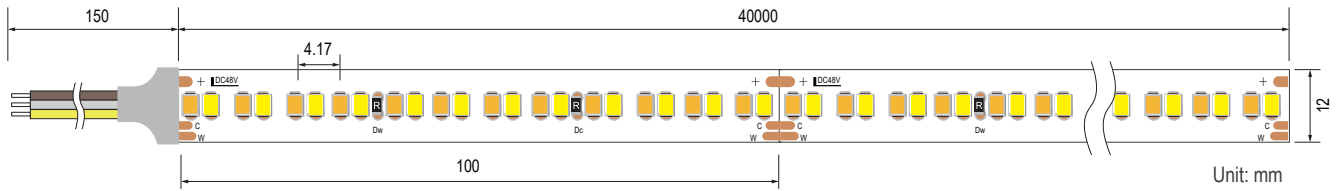
### Basic Parameters

Input Voltage	DC48V
LED Type	2835
LED QTY/M	72
CRI	≥90
Max.run length	60m

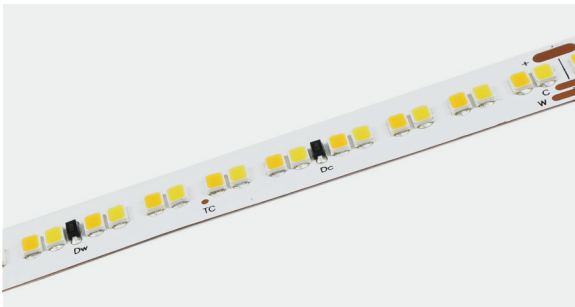


CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100	≥90	DC48V	3.2	326	102	10	166.7	60	CC
3000K±150				336	105				
4000K±200				352	110				
6500K <sup>+200</sup> <sub>-300</sub>				339	106				

### Product Dimension




### Product Features




- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

### Basic Parameters


Input Voltage	DC48V
LED Type	2835
LED QTY/M	240
CRI	≥90
Max.run length	40m




IP Level  
**IP 20**



IP Level  
**IP 65**



Standard  
**LM-80**

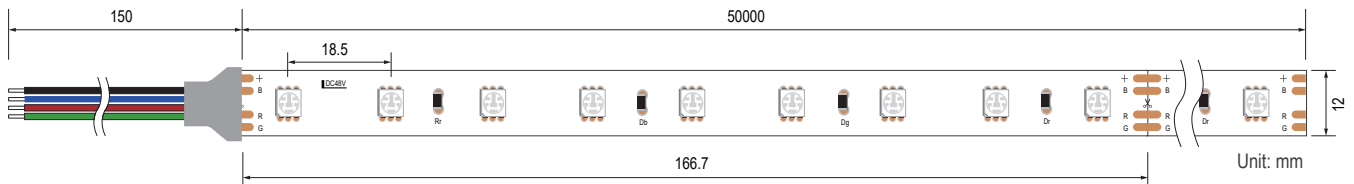


Warranty  
**3 Years**

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
2700K±100			5.2	536	103				
6500K <sup>+200</sup> <sub>-300</sub>	≥90	DC48V	5.2	551	106	12	100	40	CC
4000K±300			10.5	1071	102				



### Product Dimension




### Product Features




- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

### Basic Parameters


Input Voltage	DC48V
LED Type	2835
LED QTY/M	54
CRI	--
Max.run length	50m




IP Level  
**IP 20**



IP Level  
**IP 65**



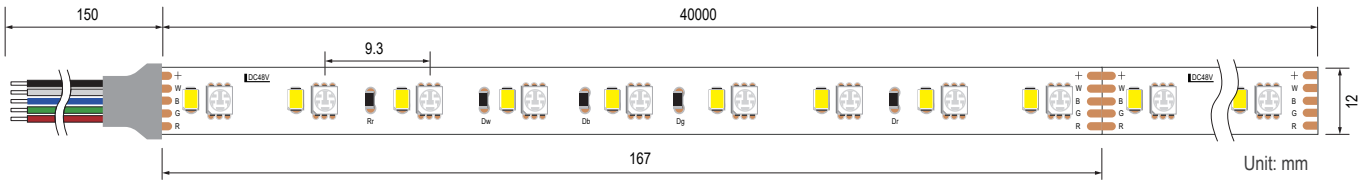
Standard  
**LM-80**



Warranty  
**3 Years**

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
R	--	DC48V	3.1	69	22.4	12	166.7	50	CC
G			3.1	293	94.5				
B			3.1	60	19.5				
RGB			9.4	427	45.4				

### Product Dimension



### Product Features



- The serial length of single-end power supply is longer, which can simplify wiring
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

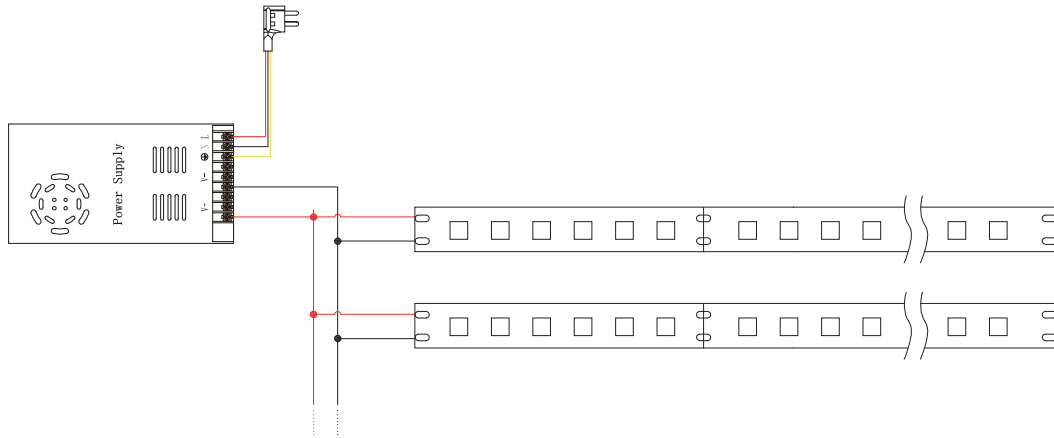


### Basic Parameters

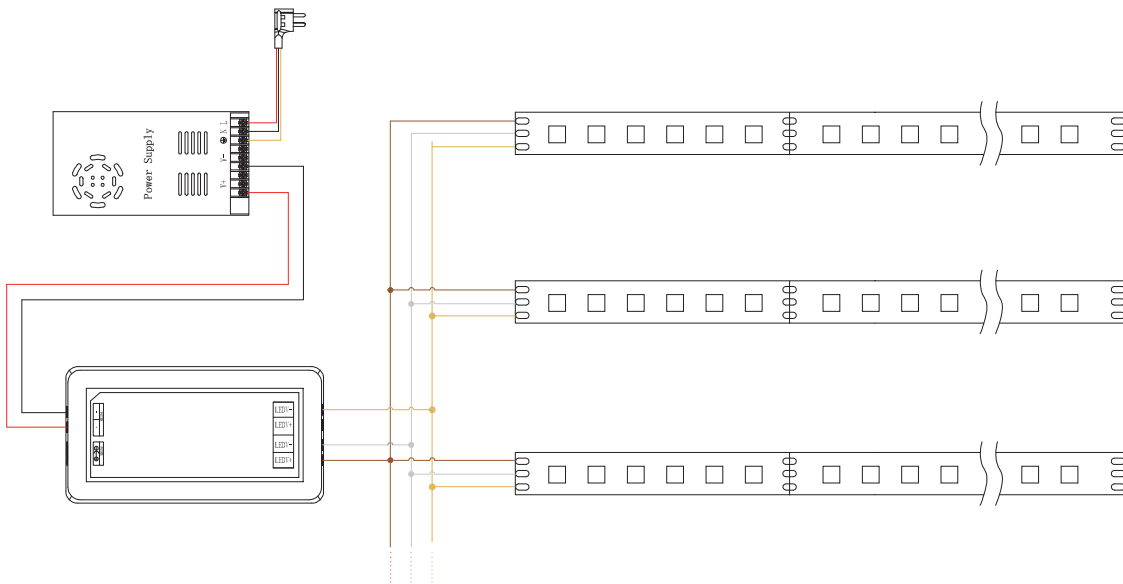
Input Voltage	DC48V
LED Type	2835
LED QTY/M	108
CRI	--
Max.run length	40m

CCT(K)	CRI	Voltage(V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Width (mm)	Unit length (mm)	Max.run length (M)	CC/CV
R	---	DC48V	3.1	73	23.5	12	166.7	40	CC
G	---		3.1	294	94.8				
B	---		3.1	59	19				
W: 2700K	≥90		3.1	233	75.1				
RGB	---		9.4	423	45				
RGBW	---		12.5	655	52.4				
R	---	DC48V	3.1	73	23.4	12	166.7	40	CC
G	---		3.1	294	94.8				
B	---		3.1	57	18.4				
W: 3000K	≥90		3.1	241	77.6				
RGB	---		9.4	417	44.4				
RGBW	---		12.5	655	52.4				
R	---	DC48V	3.1	71	22.9	12	166.7	40	CC
G	---		3.1	295	95.1				
B	---		3.1	57	18.4				
W: 4000K	≥90		3.1	257	82.9				
RGB	---		9.4	423	45				
RGBW	---		12.5	680	54.4				
R	---	DC48V	3.1	73	23.5	12	166.7	40	CC
G	---		3.1	298	96				
B	---		3.1	59	18.9				
W: 6500K	≥90		3.1	247	79.8				
RGB	---		9.4	426	45.3				
RGBW	---		12.5	675	54				

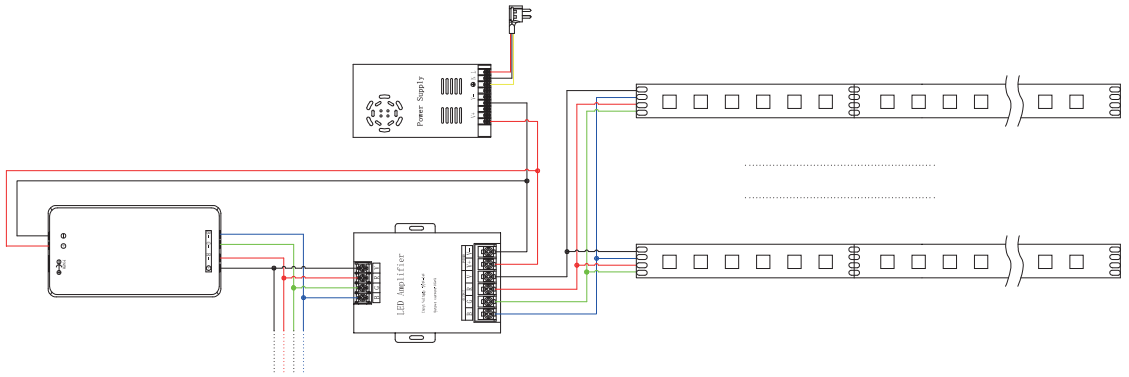
## Single Color Connection Diagram



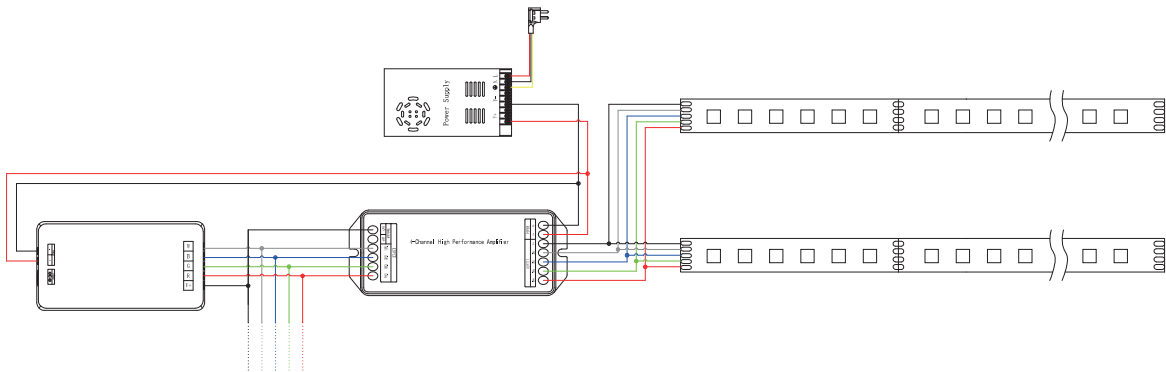
## Tunable white Connection Diagram



## RGB Connection Diagram

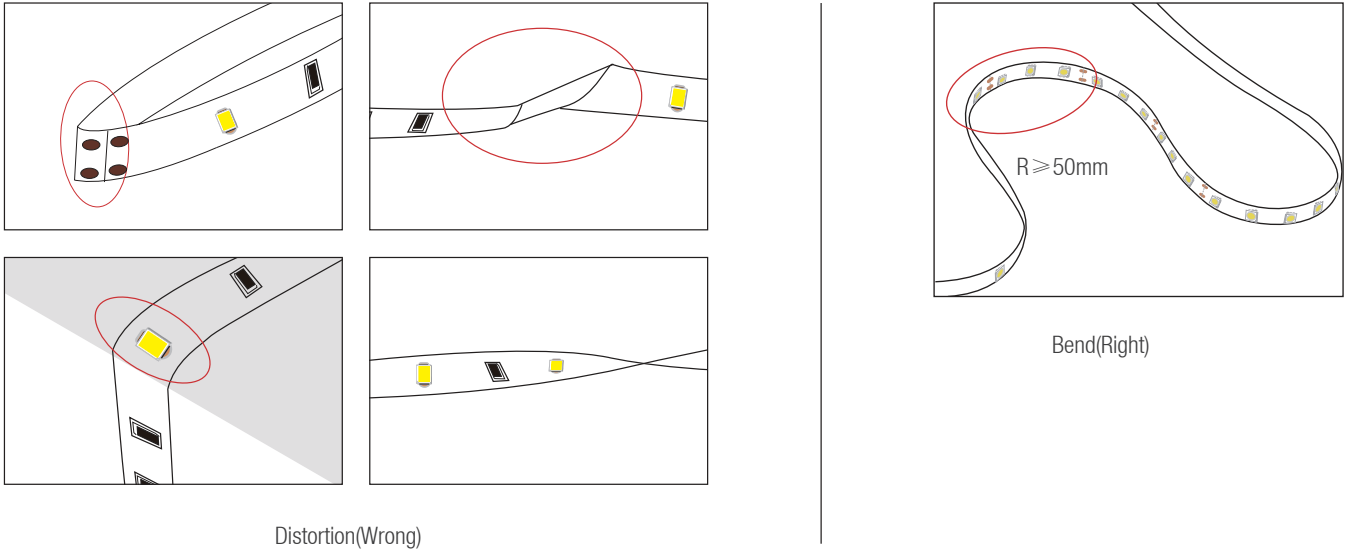


## RGBW Connection Diagram




## Cautions


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



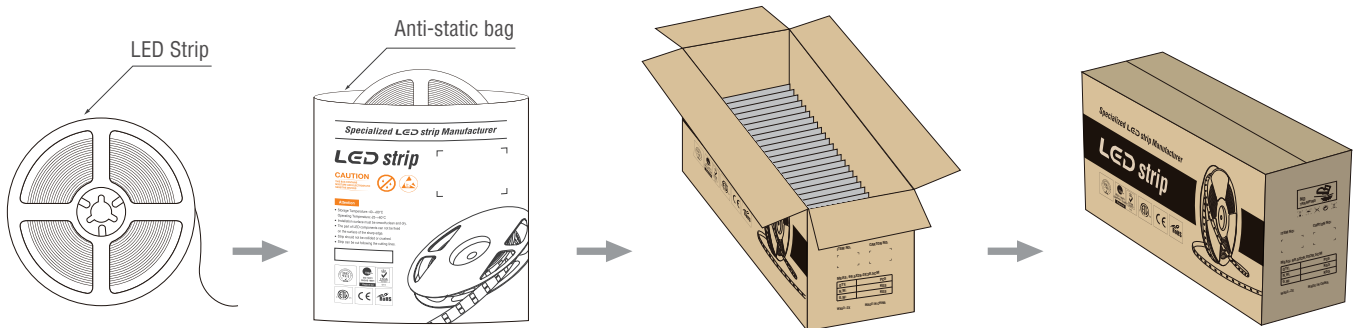
Distortion(Wrong)

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



Certifications

Certificate CH173296

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 9144030071958133A

**ISO 9001:2015**

For the following activities  
**Design and manufacture of LED strip products**

Further clarifications regarding the scope of the 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 18 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.

SGS Limited  
200, Westborough Road, Wharfedale, Leeds, LS16 7QZ, UK  
+44 (0)113 2833000 +44 (0)113 2833000 +993 930 200  
www.sgs.com.sg

UKAS  
MANUFACTURING SYSTEMS  
015

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 future models identified on the Certification Agreement and 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	<b>Manufacturer:</b> Shenzhen Shinesky Optoelectronics Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong
<b>Country:</b> China <b>Contact:</b> Bin Wu <b>Phone:</b> +86-755-29516255 <b>FAX:</b> - <b>Email:</b> mai@skeltd.com	<b>Country:</b> China <b>Contact:</b> Bin Wu <b>Phone:</b> +86-755-29516255 <b>FAX:</b> - <b>Email:</b> mai@skeltd.com

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

**Control Number:** 5002906 **Authorized by:** Thomas J. G. O'Connell, Certification Manager

**Intertek Testing Services NA, Inc.**  
545 East Aghaven Road, Andover, MA 01810  
Telephone: 800-343-3881 or 978-476-3997 Fax: 978-476-3992

<b>Standard(s):</b> Low Voltage Lighting Systems - UL 2108 (Issued: 2004/02/27 Ed. 1 Rev: 2014/02/24) General Requirements for Luminaires - CSA C22.2 No. 8 (Issued: 1999/05/01 Ed. 1 (R2011), with Gen. Int. 1: 1997, Gen. Int. 2: 1998)
<b>Product(s):</b> Low Voltage Flexible LED Strip
<b>Model(s):</b> SK-STCQV2-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 1503006485-HA01 Page 1 of 1 ATM Issued: 21-May-2015

**SGS**

**Verification Report** No. CANEC17068639702 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

<b>Sample Name:</b> Flexible LED Strip	<b>SGS Job No.:</b> CP17-020413-GZ
<b>Internal Reference No.:</b> 2.2	<b>Tested Basic Model No. (P.O. No.):</b> SK-STCQ60V12
<b>Tested Extended Model No. (P.O. No.):</b> SK-STCQ60V12, SK-STC200V24, SK-STC30V6	<b>Client Ref. Info.:</b> See remark (4)
<b>Date of Sample Received:</b> 18 Apr 2017	<b>Verification Period:</b> 18 Apr 2017 - 17 May 2017
<b>Verification Requested:</b> With reference to RoHS Directive 2015/863/EU amending 2011/65/EU	<b>Verification Method:</b> Please refer to next page(s).
<b>Verification Conclusion:</b> Please refer to next page(s).	<b>Verification Result:</b> Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Poly(brominated biphenyls) (PBBs), 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/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.

**SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch**

Jenny  
Jenny Luo  
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: 1503006485  
Date: 18 May 2017  
Valid Until: 18 May 2020

Head of NQA  
UKAS  
015

**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: 1503006485  
Date: 18 May 2017  
Valid Until: 18 May 2020

Head of NQA  
UKAS  
015

**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-Flexible (Flexible LED Strip)

**Identification:** Type designation: SK-STCQV2-Z ('X', 'Y', 'Z' are variables, refer to test report) Remark: refer to above-listed test report for details.

**Tested acc. to:** EN 55015:2012  
EN 55017:2012

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.

Certification Body  
Date: 16.05.2017  
TÜV Rheinland LGA Products GmbH - Tianjin Branch - 90431 Nürnberg  
CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE



**Specialized  
LED strip Manufacturer**

**SHENZHEN SHINESKY  
OPTOELECTRONICS CO.,LTD**

H1 Building, Hongfa Hi-Tech Industrial Park, Tangtou Community,  
Shiyan Street, Bao'an District, Shenzhen, Guangdong China.

Tel: 0755-29516255

Fax: 0755-29516211

E-mail: [director@shineskygroup.com](mailto:director@shineskygroup.com)