

Model: FSLCCRGBW-15M-5050X60

# 20m SMD5050 Super Length CC

4 in1 LED RGBW 60LEDs/m





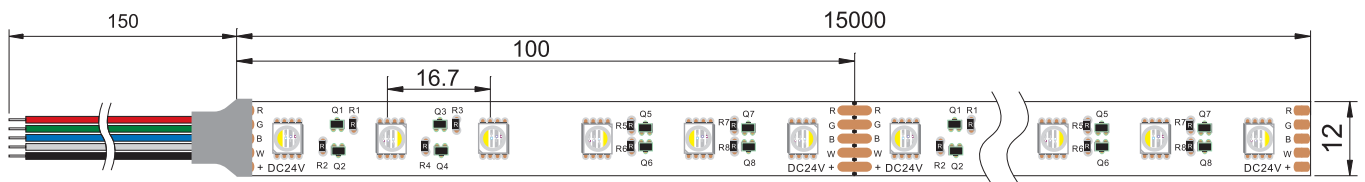
### Product Features

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 LEDs with high lumen, pure copper PCB for good heat;
- Built-in constant current IC with temperature sensing function ;
- Popular 4 in 1 RGBW tunable functions combines;
- Suitable kinds of controllers and amplifiers;
- Dimmable; easy cutting and soldered;



### Structure & Parameter

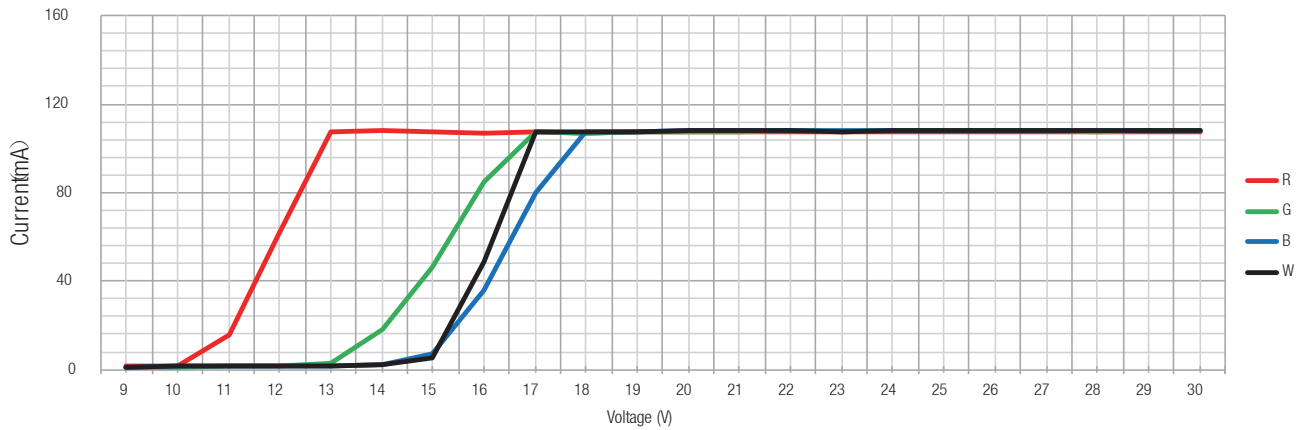


### Basic Parameter

CCT(K)	
■ R:620-630nm	□ W:2700-6500K
■ G:520-530nm	White can customized design
■ B:465-475nm	
Lumen / m	
RGB Pure White: 691-710lm	
RGB Nature White: 648-691lm	
RGB Warm White: 598-648lm	

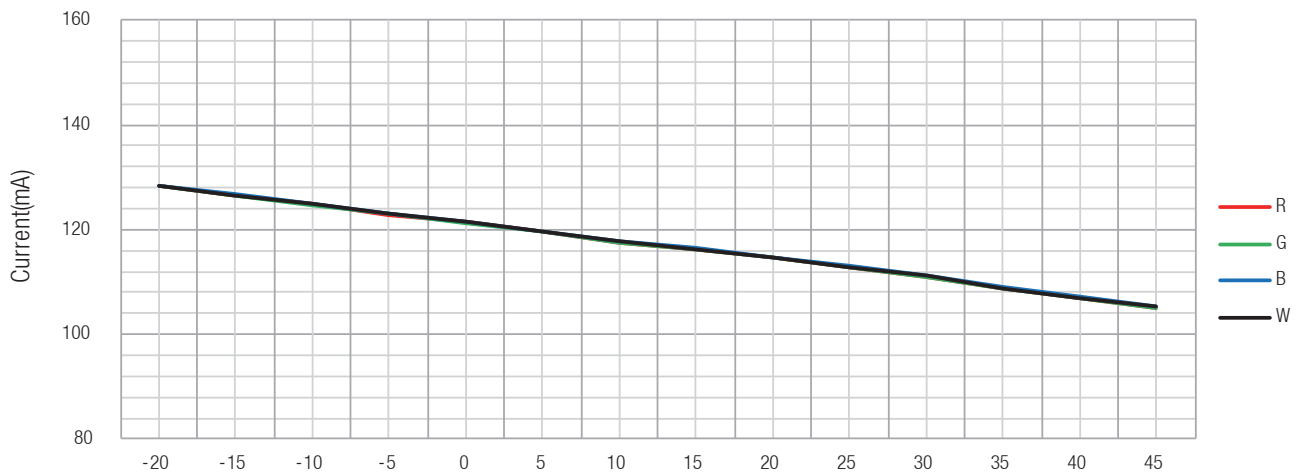
Input voltage	DC24V
Power/m	10.8w
Max current / LED	45mA
Beam angle	120°
LEDs /m	60leds
SMD Type	5050RGBW
Working hour	50000h
Working temperature	-25 C ~+45 C
Cutable length	100mm
PCB Width	12

**Voltage & Current Curve**



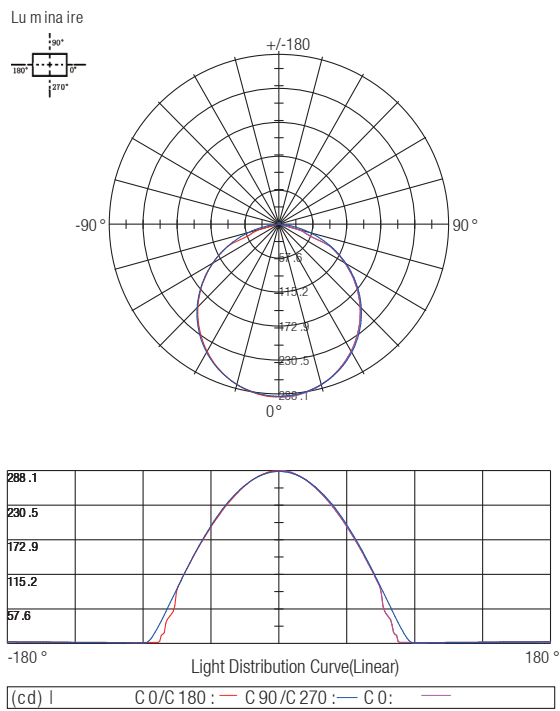
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15 C room temperature.

**Temperature & Current Curve**

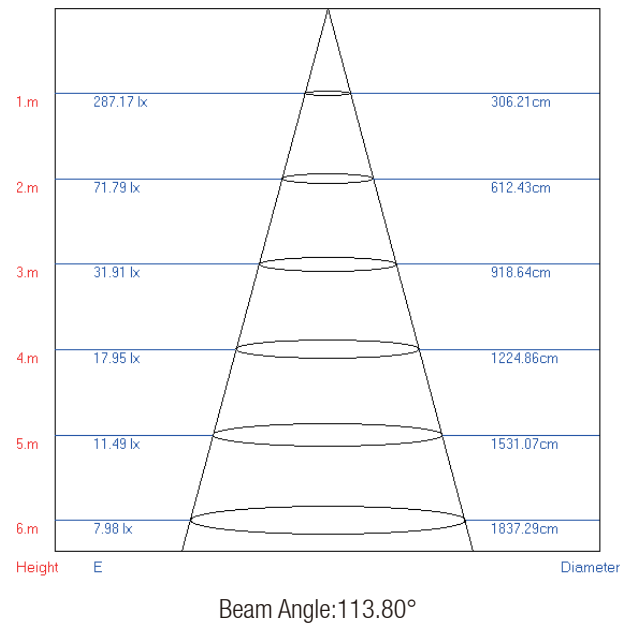


Note: This curve is test data of 1M LED Strip.

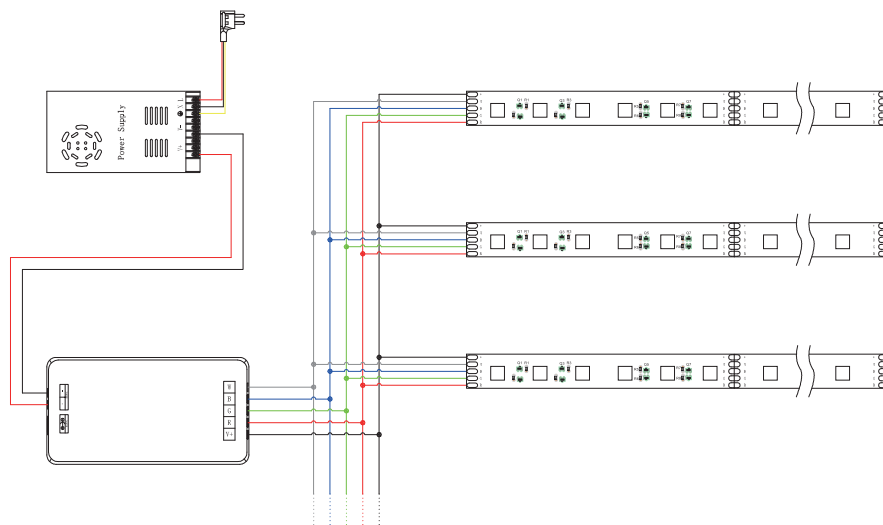
### Light Distribution Curve



### Lux-Distance Curve

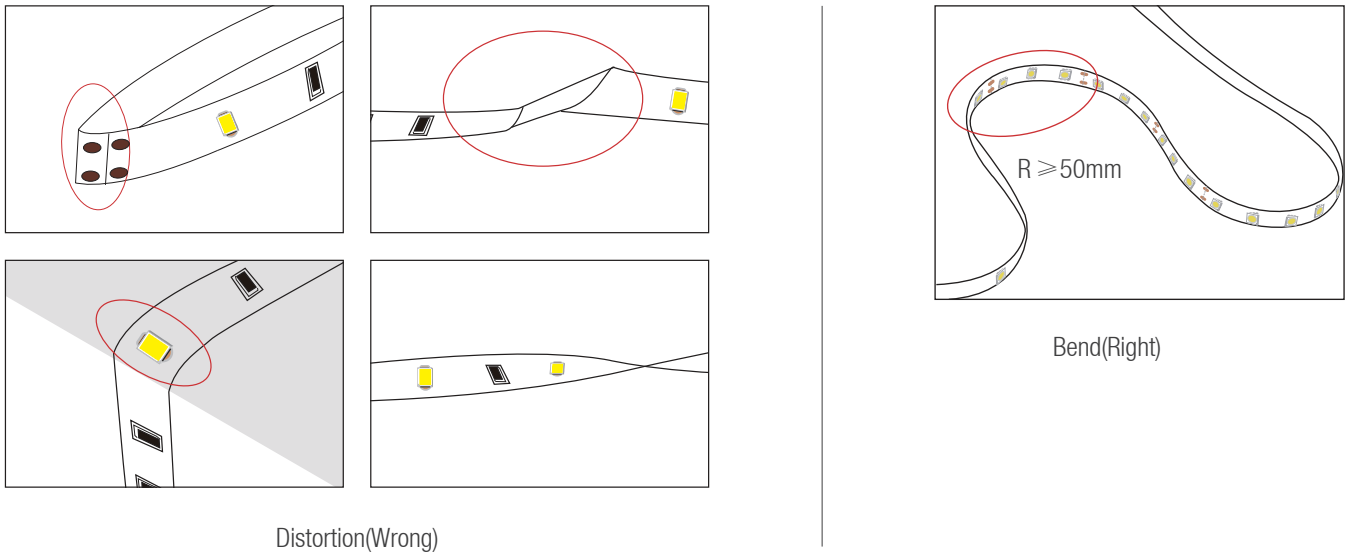



### Installation Diagram




### Cautions

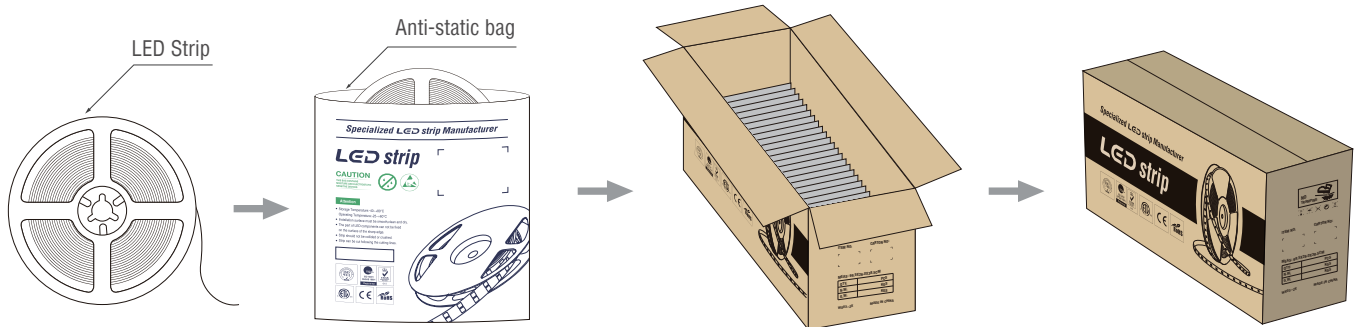
When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.



 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

**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  
Unified Social Credit Code: 9144030701958133A

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 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.  
Issued 1. Certified since 2 March 2017.

Authorized by:

SGS (United Kingdom) Ltd  
Business Subsidiary Part, Elmwood Park, Doncaster, DN4 8JL, UK  
E: uk@sgs.com; F: +44 (0)1522 830000; W: www.sgs.com  
The certification information can be verified on the web at: [www.sgs.com/certification](http://www.sgs.com/certification)  
Announcement of the Trade Register of CN1730296: 20170302

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 later 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 <b>Address:</b> 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, China <b>Contact:</b> Bin Wu <b>Phone:</b> +86-755-26910255 <b>FAX:</b> +86-755-26910255 <b>Email:</b> mail@intek.com	<b>Manufacturer:</b> Shenzhen Shinesky Optoelectronics Co., LTD <b>Address:</b> 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyuan Town, Baoan District, Shenzhen, Guangdong, China <b>Contact:</b> Bin Wu <b>Phone:</b> +86-755-26910255 <b>FAX:</b> +86-755-26910255 <b>Email:</b> mail@intek.com
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**Party Authorized To Apply Mark:** Same as Manufacturer  
**Report Issuing Office:** Intertek Testing Services Shanghai

**Control Number:** 5002906  
**Authorized by:** Thomas J. [Signature]

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

Intertek Testing Services NA Inc.  
440 East Algonquin Road, Algonquin Heights, IL 60005  
Telephone: 800-368-5853 or 815-895-0887 Fax: 815-895-9172

**Standard(s):** Low Voltage Lighting Systems - UL1218 (Issue: 2004/02/27 Ed. 1 Rev. 2014/02/24)  
**Standard(s):** General Requirements for Luminaires - ICSA C22.2 No. 93 (Issue: 1999/05/01 Ed. 1 (R2011), with Gen. Inf. 1, 1997, Gen. Inf. 2, 1998)

**Product:** Low voltage lighting LED strips

**Models:** 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 5002004691A-001  
Page 1 of 1  
ATM issued 21-May-2015

**SGS**  
Verification Report No. CANEC1706638702 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-S75Q8R/V12  
**(P.O. No.):**  
**Tested Extended Model No.:** SK-S7308R/V12, SK-S7206R/V24, SK-S7303/V8  
**(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), Polybrominated 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. 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. Guangzhou 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](http://www.nqa.com.cn)

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

Head of NQA

**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

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**OHSAS 18001:2007**

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

Head of NQA

**CERTIFICATE of Conformity**  
TUV 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(s): SK-S75QV-2 (x, y, z are variables, refer to test report)  
Serial No.: n/a  
Remarks: Refer to above-listed test report for details.

**Tested acc. to:** EN 55015:2013  
EN 55014:2009

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 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.