- No spot, no shadow, soft light.
- SDCM⩽3 to ensure color consistency.
- 180°beam angle, dimmable function.
- Higher density of LEDs, resulting in a brighter and more uniform light.

Consistency
One Bin

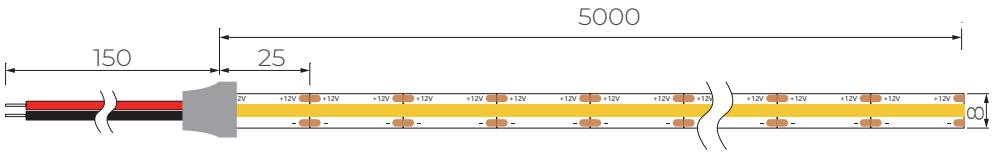
Warranty
5 Years

3-Step
MacAdam

Dimension structure (Unit: mm)

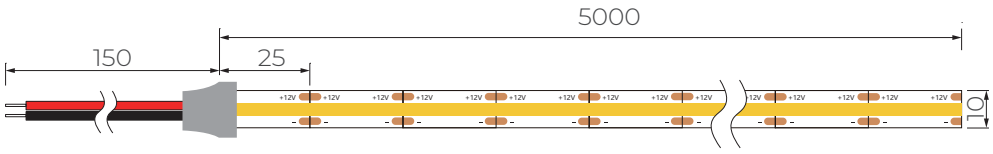
12V

COB-480-Single color-12V



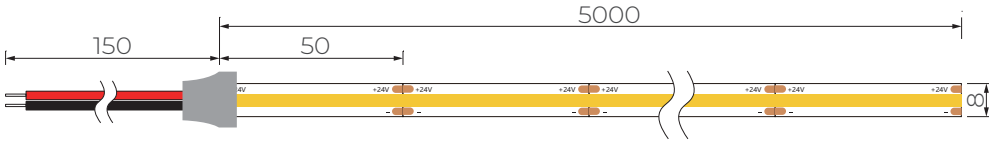
12V

COB-480-Single color-12V



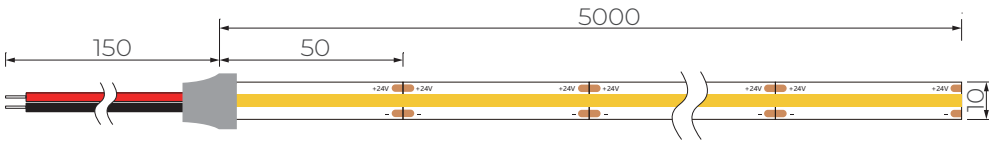
24V

COB-480-Single color-24V



24V

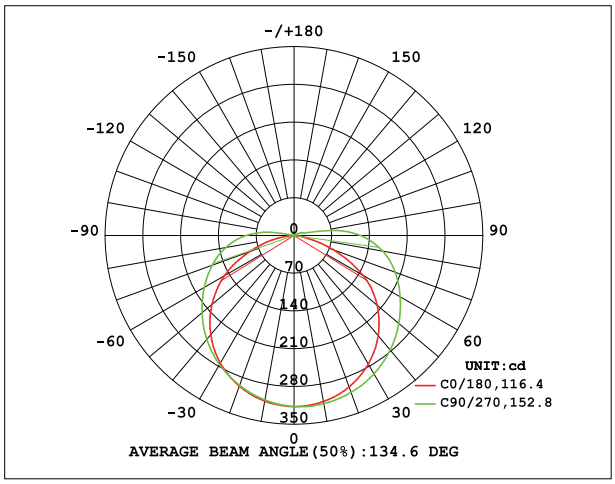
COB-480-Single color-24V



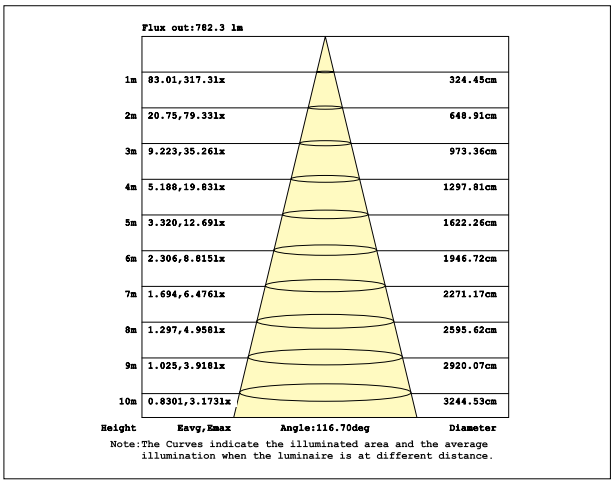
Technical Data	
Input voltage	12V/24V
RA	⩾90
Bram angle	180°
Warranty	5years

Led Bead Quantity	480LEDs
Working hour	50000h
Working temperture	-25℃~+45℃
Cuttable length(MM)	25/50
PCB Width(MM)	8/10

Light Distribution Curve (8mm)

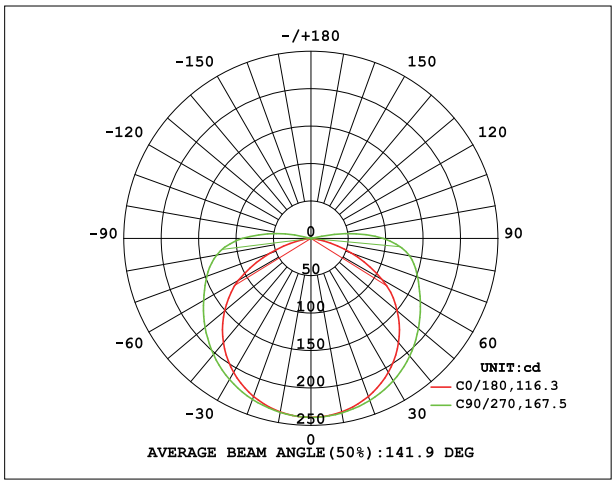


Illuminance curve (8mm)

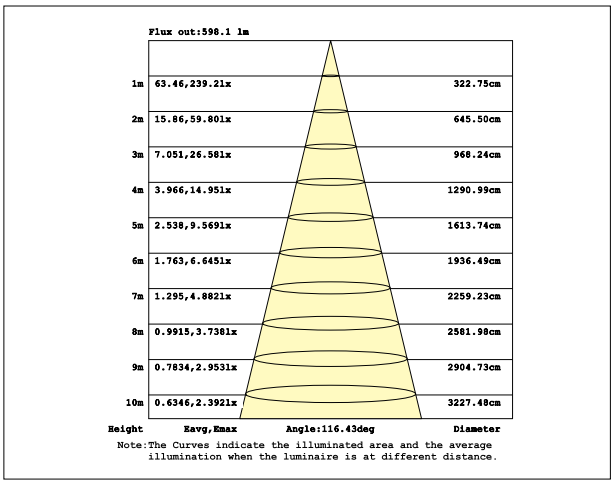


Note: The above date is based on 24V ,10W/M,single colour with 4000k colour temperature.If you need IES files for other types.Please contact our sales department.

Light Distribution Curve (10mm)



Illuminance curve (10mm)



Note: The above date is based on 24V ,10W/M,single colour with 4000k colour temperature.If you need IES files for other types.Please contact our sales department.

COB-480-Single color-12V (8mm / 10mm)

CCT (K)	RA	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CV/CC
2700	≥90	<3	/	DC12V	5	535	107	25	5	CV
					10	1070	107	25	5	CV
					15	1605	107	25	5	CV
3000	≥90	<3	/	DC12V	5	575	115	25	5	CV
					10	1150	115	25	5	CV
					15	1725	115	25	5	CV
4000	≥90	<3	/	DC12V	5	625	125	25	5	CV
					10	1250	125	25	5	CV
					15	1875	125	25	5	CV
6500	≥90	<3	/	DC12V	5	600	120	25	5	CV
					10	1200	120	25	5	CV
					15	1800	120	25	5	CV

COB-480-Single color-24V (8mm / 10mm)

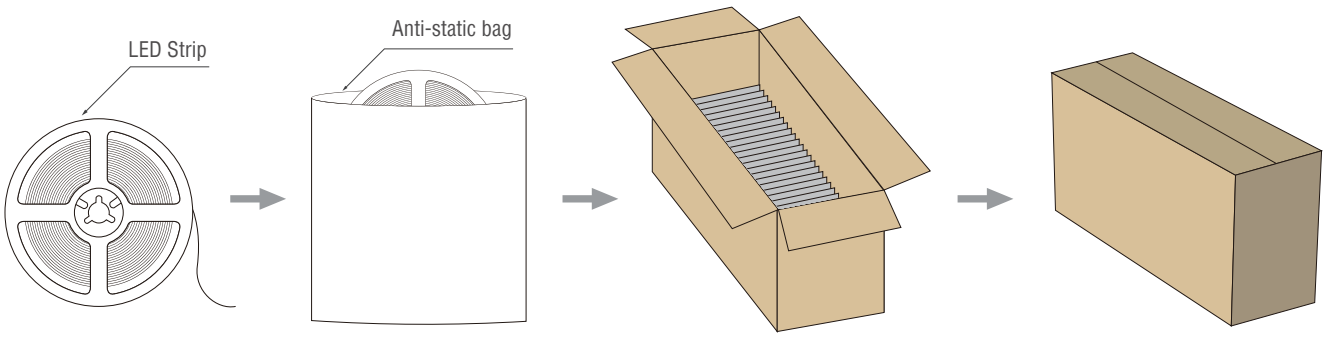
CCT (K)	RA	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CV/CC
2700	⩾90	<3	/	DC24V	5	535	107	50	5	CV
					10	1070	107	50	5	CV
					15	1605	107	50	5	CV
3000	⩾90	<3	/	DC24V	5	575	115	50	5	CV
					10	1150	115	50	5	CV
					15	1725	115	50	5	CV
4000	⩾90	<3	/	DC24V	5	625	125	50	5	CV
					10	1250	125	50	5	CV
					15	1875	125	50	5	CV
6500	⩾90	<3	/	DC24V	5	600	120	50	5	CV
					10	1200	120	50	5	CV
					15	1800	120	50	5	CV

- The given color temperature is the temperature of finished product.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- All products can be dimmed; the dimmer’ s voltage should conform to the rated voltage of the led light.The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

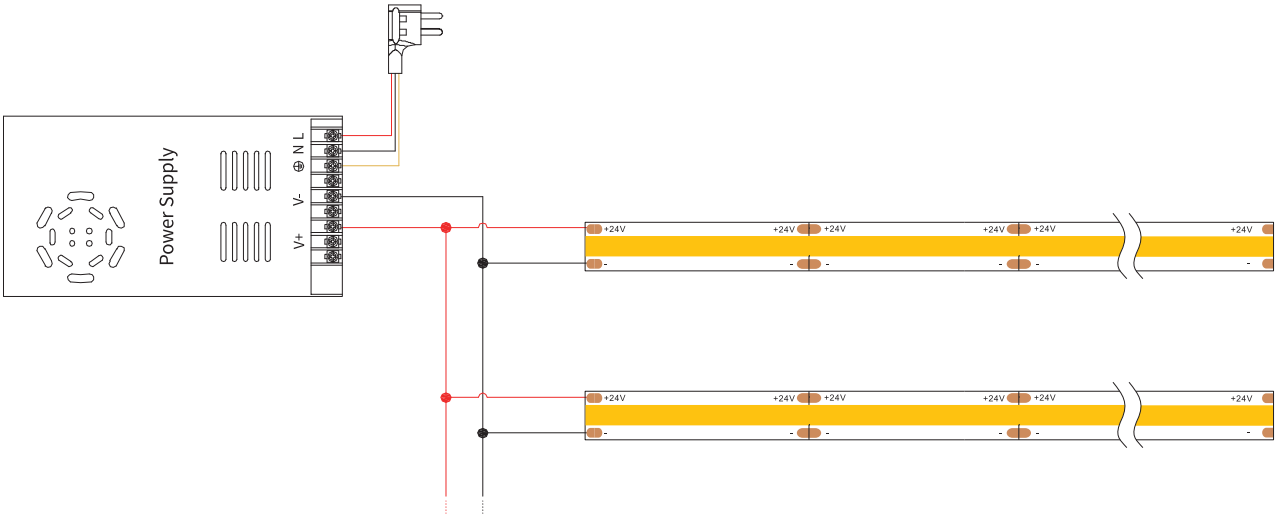
Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		Inner core：20AWG	●●	Red V+、Black V-

Package



Connection Diagram



Certification


SGS

Certificate CN17/30296

The management system of

SHENZHEN SHINESKY OPTOELECTRONICS CO., LTD.

2F, H1 Building, hongfa hi-tech part, Tangtou, Shiyan Town, Baoan District, Shenzhen, Guangdong, P.R. China

Unified Social Credit Code 914403007619581 33A

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 clarifications regarding the scope of this 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 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

Authorised by

SGS United Kingdom Ltd Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK t +44 (0)151 350 6666 f +44 (0)151 350 6600 www.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

SGS 9001 2015 1015

Page 1 of 1

UKAS MANAGEMENT SYSTEMS 0005


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 listee model(s) identified on the correlation 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, Shiyan Town, Bao'an District, Shenzhen, Guangdong	Manufacturer:	Shenzhen Shinesky Optoelectronics Co., LTD 2F, H1 Building, Hongfa Hi-tech Park, Tangtou, Shiyan Town, Bao'an District, Shenzhen, Guangdong
Country:	China	Country:	China
Contact:	Bin Wu	Contact:	Bin Wu
Phone:	+86-755-29016255	Phone:	+86-755-29016255
FAX:	-	FAX:	-
Email:	mail@oskled.com	Email:	mail@oskled.com
Party Authorized To Apply Mark:	Same as Manufacturer		
Report Issuing Office:	Intertek Testing Services Shanghai		

Control Number: 5000906 Authorized by: Thomas X. Xiao, Certification Manager

Intertek

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

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Low Voltage Lighting Systems – UL 2108 (Issued: 2004/02/07 Ed. 1 Rev. 2014/02/24) General Requirements for Luminaires – CSA C22.2 No. 8 0 (Issued: 1995/06/01 Ed. 1 (R2011), with Gen. Inst. 1: 1997, Gen Inst. 2: 1998)
Product:	Low voltage flexible LED strip
Models:	SK-ST xQx Vx-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 150306649SHA-001 Page 1 of 1 ATM Issued: 21-May-2015


SGS

Verification Report No. CANEC1706639702 Date: 17 May 2017 Page 1 of 14

SHENZHEN SHINESKY OPTOELECTRONICS CO.,LTD
2F,H1 BUILDING,HONGFA HI-TECH PARK, TANGTOU ,SHIYAN TOWN,BAOAN DISTRICT,SHENZHEN CITY 518108 P.R. CHINA

Sample Name :	Flexible LED Strip
SGS Job No. :	CP17-020413 - GZ
Internal Reference No. :	2.2
Tested Basic Model No. (P.O. No.) :	SK-ST5Q80V12
Tested Extended Model No (P.O. No.) :	SK-ST3QB0V12, SK-ST2Q60V24, SK-ST3Q3V6
Client 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 sample(s), 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-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jenny Liao
Approved Signatory


Certificate of Registration

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 ,Shiyan 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.snqa.com.cn

Certificate Number:

Date: 18 May 2017

Valid Until: 18 May 2020

Head of NQA

UKAS MANAGEMENT SYSTEMS 015


Certificate of Registration

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 ,Shiyan 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.snqa.com.cn

Certificate Number:

Date: 18 May 2017

Valid Until: 18 May 2020

Head of NQA

UKAS MANAGEMENT SYSTEMS 015


TÜVRheinland

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,Shiyan Town,Baoan District,
Shenzhen City 518108
P.R. China

Product: LED-Flexlight (Flexible LED Strip)

Identification: Type Designation: SK-ST xQx Vx-Z (x, y, z = "A" ... "Z" are variables, refer to test report)
Serial No.: n.a.
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 Licence 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

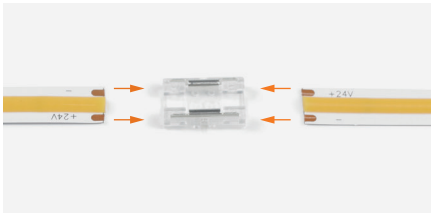
Date 16.05.2017 Tim Pang

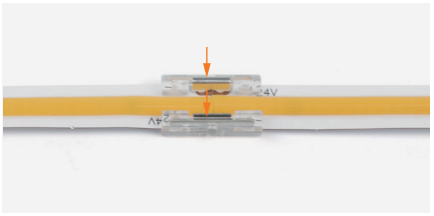
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with.

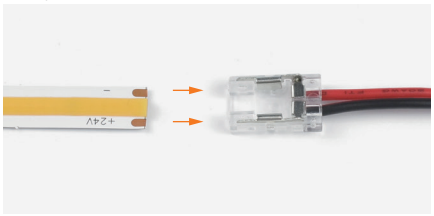
Installation Instructions for Connector (Note:The overcurrent load limit of the connector is 3A.)

Strip to Strip

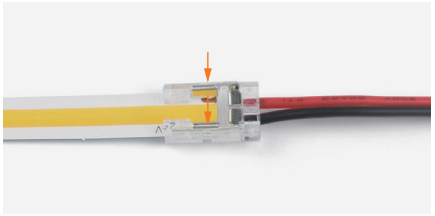




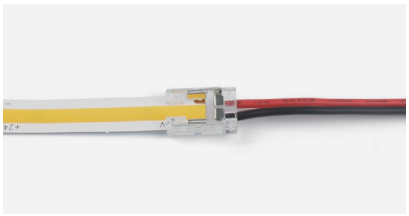
Strip to Cable



Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

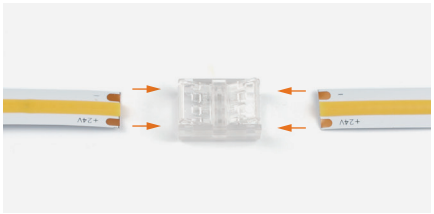


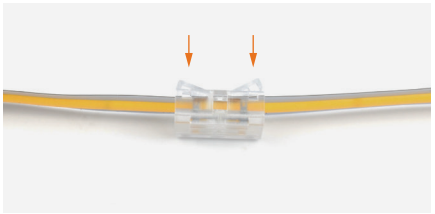
Press down the metal pin on the connector so that the connector pin penetrates and secures the pad of the strip.

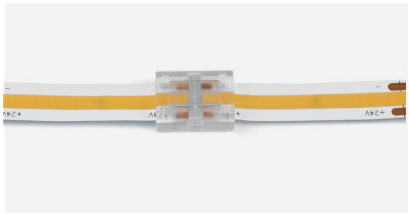


Finished product diagram.

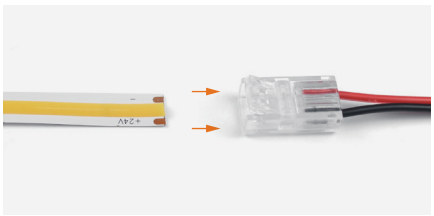
Strip to Strip



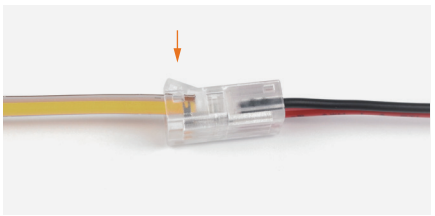




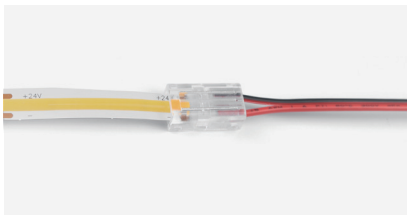
Strip to Cable



Open the mobile mask on the side of the connector. Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

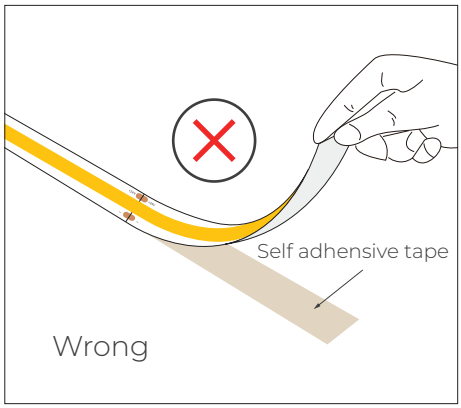


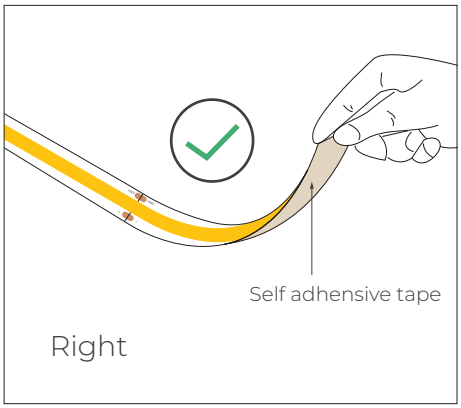
Press the connector's mask back in place so that the connector pin penetrates and secures the pad of the strip.



Finished product diagram.

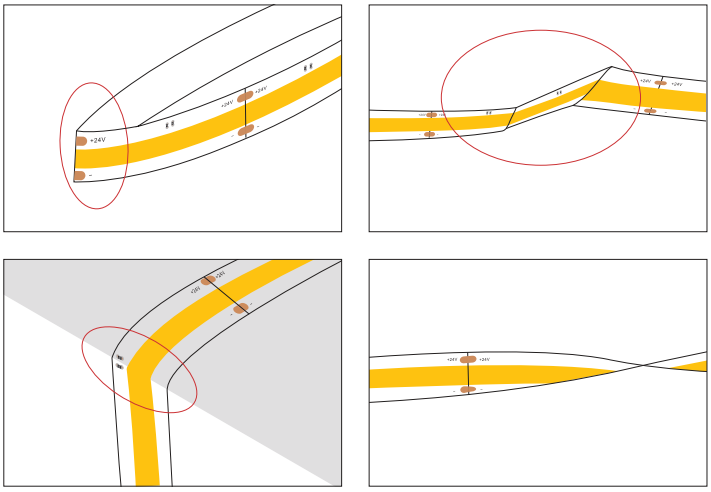
⚠ Cautions



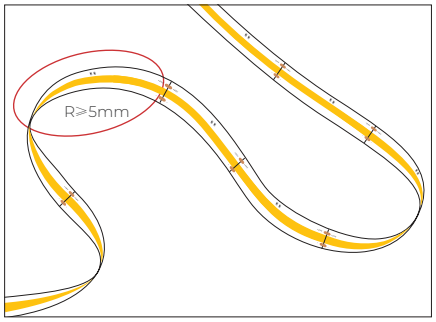


If the led strip needs to be torn up,please make sure that the self adhensive tape is torn with the led strip,otherwise the led strip will be damaged

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 votage 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.