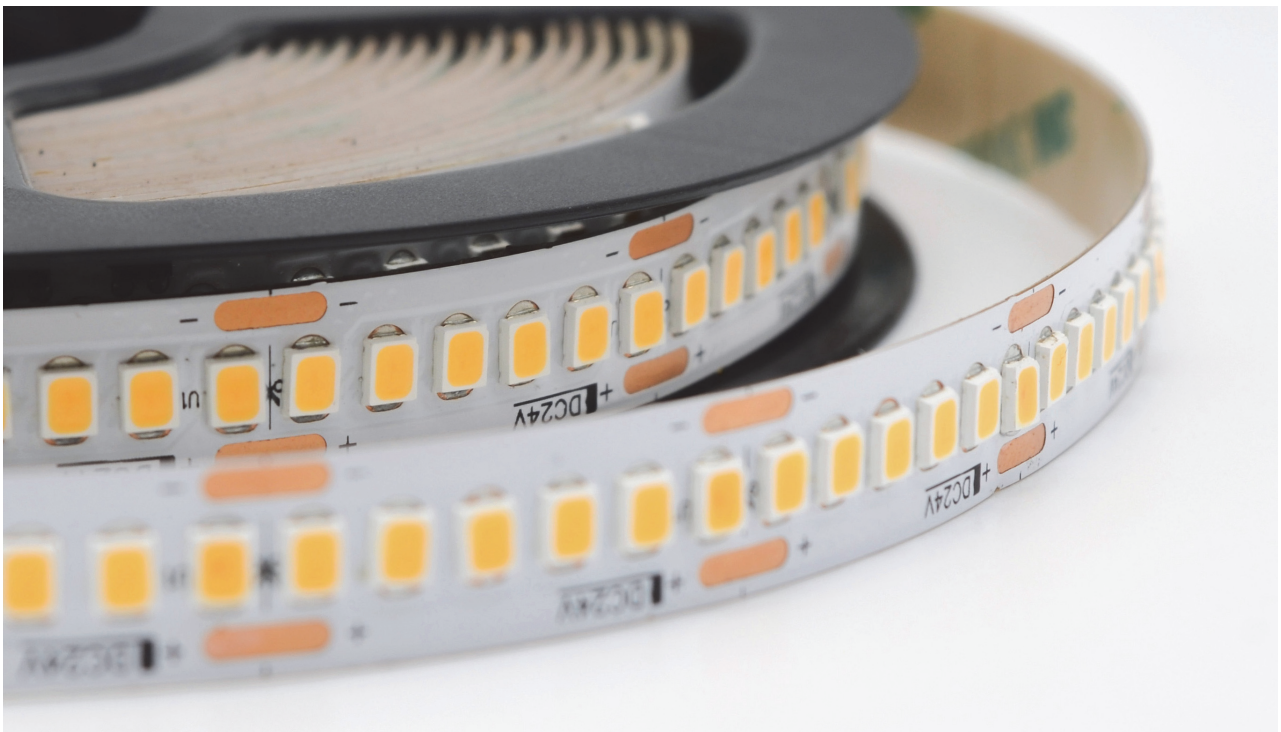


Product specification

Model TY-ST28Q240V24W10-CCB

# BUILT-IN CONSTANT CURRENT IC SMD2835 240LEDs



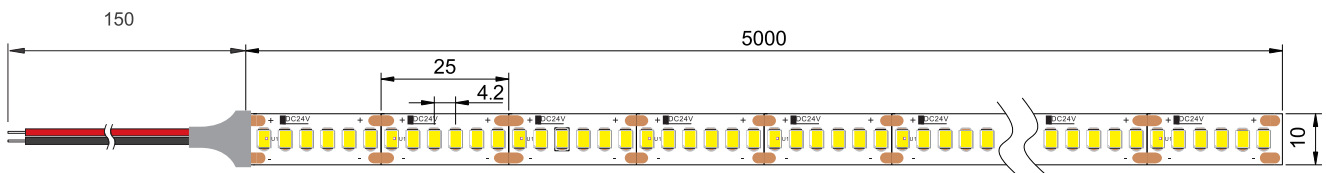


## Product Features

- ◆ The excellent LED source adopt high quality raw materials of pure copper bracket, pure gold thread and imported sealing glue.
- ◆ 2835 LED built-in constant current IC design, ensure the same brightness both the beginning and the end, connect longer in series.
- ◆ Don't need to add any complicated precision electronics, higher constant current precision.
- ◆ Can be cut, be free to cut off and weld along with the above cutting line
- ◆ Supplied by the constant voltage power supply.



## Structure & Parameter



## Basic Parameter

|               |                                   |                       |               |
|---------------|-----------------------------------|-----------------------|---------------|
| Model         | TY-ST28Q240V24W10-CCB             | Working hour          | 50000h        |
| Input voltage | 24V                               | Warranty              | 3years        |
| CRI(Ra)       | >80                               | Working temperature   | -25 C ~ +45 C |
| LED Q'ty/m    | 240/m                             | Minim cuttable length | 25mm          |
| SMD Type      | 2835 Built-in Constant Current IC | PCB Width             | 10mm          |

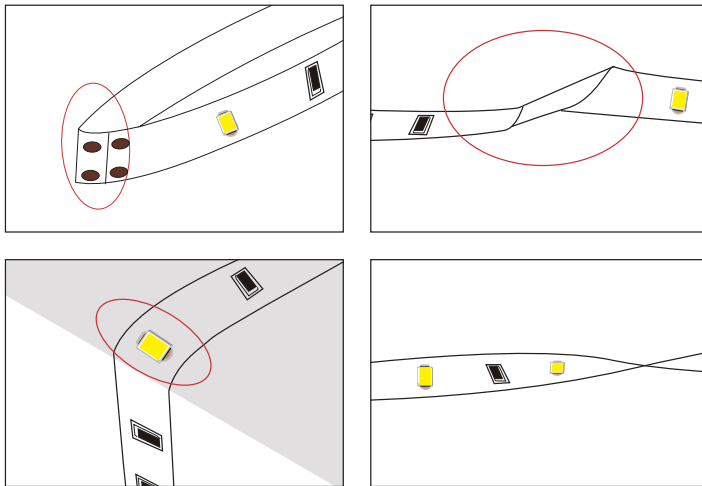
## Optical Parameter

| CCT (K)         | Power   |         |         |
|-----------------|---------|---------|---------|
|                 | 9.6W/M  | 14.4W/M | 19.2W/M |
| 3000            | >1100LM | >1700LM | >2300LM |
| 4000            | >1200LM | >1800LM | >2400LM |
| 6000            | >1250LM | >1900LM | >2500LM |
| Max. run length | 14m     | 11m     | 9m      |

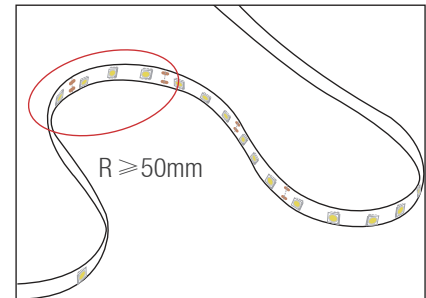
Note: Don't connect the positive and negative poles oppositely, or the constant current chip are easy to damage

## Cautions

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



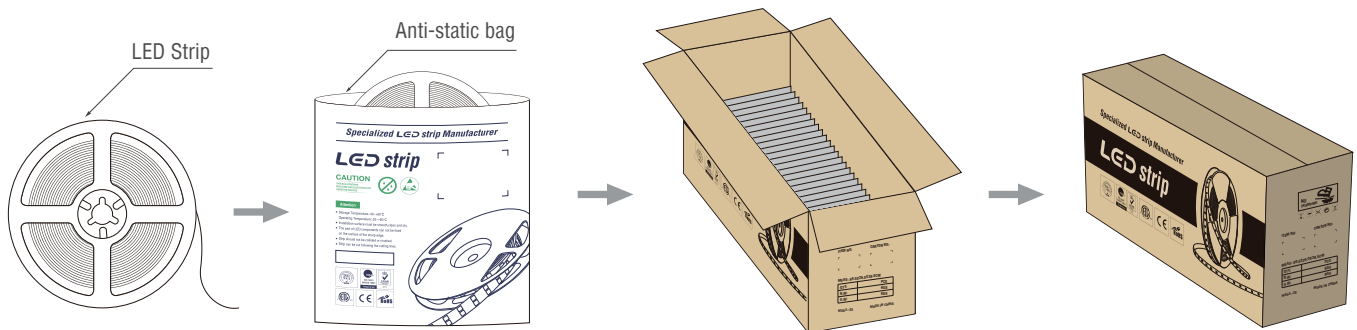
Distortion(Wrong)



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



## Certification



**CERTIFICATE**  
of Conformity  
EC Council Directive 2014/30/EU  
Electromagnetic Compatibility

Registration No.: AE 50444868 0001  
Report No.: 50278556 001

**Holder:** TYRIA LIGHTING TECHNOLOGY CO., LIMITED  
Mingjinhai Industrial Park,  
Tangtou Road, Shixin Community,  
Shiyan Town, Baoan District,  
Shenzhen, Guangdong 518108  
P. R. China

**Product:** LED-Flexlight  
(Flexible LED Strip Light)

**Identification:** Type Designation: TY-STXQyVzWx-2  
(Detailed variables and contents of the type designation refer to test report)  
Serial No.: n.a.  
Remark: Refer to above-listed test report for details.

**Tested acc. to:** EN 55015:2013+A1  
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 I 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.

Date: 20.08.2019

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. CE

Certification Body



Johnny Lau



**Verification Report**

No. CANEC1914724001 Date: 12 Aug 2019 Page 1 of 14

TYRIA LIGHTING TECHNOLOGY CO., LIMITED  
MINGJINHA INDUSTRIAL PARK, TANGTOU ROAD, SHIXIN COMMUNITY, SHIYAN TOWN, BAOAN DISTRICT, SHENZHEN, GUANGDONG

Sample Name : Flexible LED Strip Light  
SGS Job No. : CP19A040989 - GZ  
Tested Basic Model No. (P.O.No) : TY-ST50Q60V12W10  
Tested Extended Model No. (P.O.No) : TY-ST28Q120V24W10  
Client Ref. Info. : See remark (5)  
Date of Sample Received : 26 Jul 2019  
Verification Period : 26 Jul 2019 - 12 Aug 2019  
Verification Requested : With reference to RoHS Directive (EU) 2015/863 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) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Dioctylbutyl phthalate (DBBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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

*Nina Huang*

Nina Huang  
Approved Signatory



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Member of the SGS Group (SGS SA)

TYRIA LIGHTING

**Specialized  
LED strip  
Manufacturer**

## TYRIA LIGHTING TECHNOLOGY CO., LIMITED



Mingjinhai Industrial Park, Tangtou Road, Shixin Community, Shiyan Town, Baoan District  
Shenzhen, Guangdong, China



**OUR EMAIL**  
info@tyrialight.com



**OUR PHONE**  
Tel: 0755-36931652



**OUR WEBSITE**  
Web: www.tyrialight.com