

Specification



Product	RGBWW 96leds SMD5050 Strip light
Model No.	NS-5050-60-12/24-C

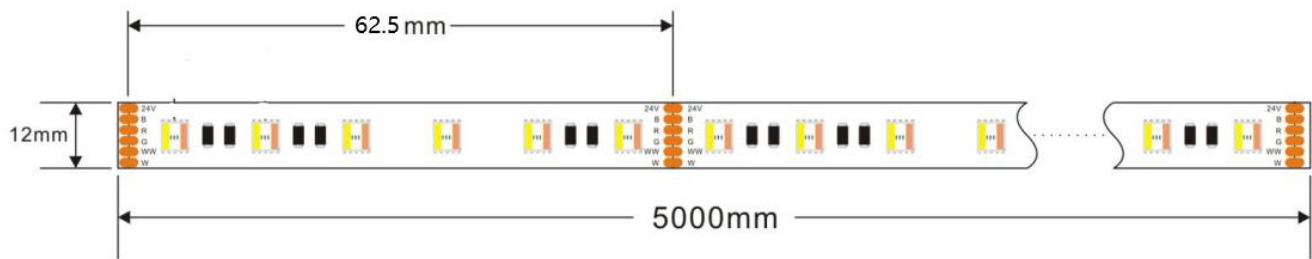
Features

- ◉ Low carbon environmental protection, energy saving effect is more significant;
- ◉ Adopt SMD5050, 24VDC low voltage;
- ◉ Easy installation, cuttable and joinable,full accessories available
- ◉ Waterproof can be IP65,IP66,IP67,IP68
- ◉ Good color consistency;
- ◉ UL & CE & RoHS approved.

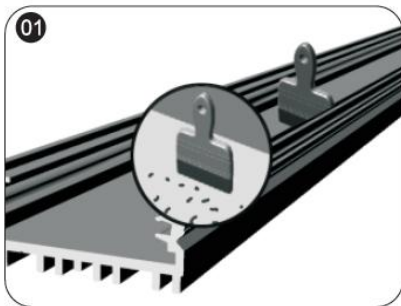
Parameter

Item No.	NS-5050-60-12/24-C
Voltage	DC24V
Color	RGBWW(3000-6500k)
LED Type	96LED SMD5050
Power	38,4W/Meter
Lumen	/
Cutting	62.5mm cuttable
Beam Angle	120°
Length	5M/roll
IP Rated	IP20/IP65/IP66/IP67/IP68
CRI	≥ 80/90(Optional)
Size	5000*12*2.2mm
Operating Temperature	-25° C ~ +45° C
Storage Temperature	-30° C ~ +80° C
Net Weight(kg)	0.1KG
Certificate	UL/CE/RoHS/UKCA

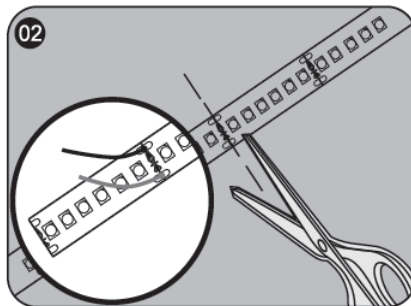
Dimension (unit:mm)



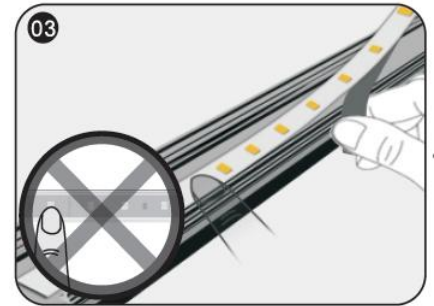
Installation step instructions and precautions:



- Clean up debris on the mounting surface to ensure surface cleaning



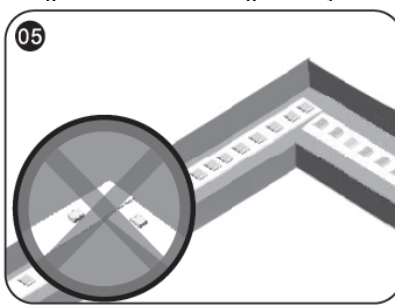
- Measure the length of the strip to be installed, and cut the extra LED strip along the scissors marking line. If you



- When attaching the led strip, be careful to peel while sticking. It is strictly forbidden to tear off all the release paper at once to prevent the



- The position of the led where scissors are in contact with the bottom of the section need to isolate with sticker tape, so as to avoid short circuit.



- The light strip at the corner is installed as shown above
Note: Do not fold into a right angle
Direct bending on the surface of the profile is strictly prohibited



- After the strip is installed, it is connected to the power output. Insulation, short - circuit protection and corrosion protection should be done at the terminals



BST A RELIABLE TESTING FOR TRUST

GLOBAL TESTING AND CERTIFICATION PRECISION SERVICE CLOUD FACTORY

Certificate of Compliance

Certificate No. : XDX41230216102601EC

Applicant : **NEWSMART LED LIMITED**
1 building MingJinghai Industrial Park, Shiyan Town, Bao'an, Shenzhen, China

Manufacturer : **NEWSMART LED LIMITED**
1 building MingJinghai Industrial Park, Shiyan Town, Bao'an, Shenzhen, China

Product Name : **Flexible led Strip light**

Trademark : **NEWSMART**

Main Test Model : **NS-2835-120-24-1**

Additional Model : NS-COB-320-12/24, NS-COB-480-12/24, NS-COB-528-12/24, NS-COB-608-12/24, NS-COB-810-12, NS-COB-840-24, NS-COB-1080-24, NS-COB-784-24, NS-COB-840-24-Z, NS-COB-480-24-L, NS-COB-480-24-N, NS-COB-AA-12/24, NS-COB-ZZ-12/24, NS-COB-480-12/24-M, NS-COB-378-24, NS-COB-576-24, NS-COB-528-12/24-F, NS-COB-360-24, NS-COB-X-24, NS-COB-720-24-D, NS-COB-576-24, NS-COB-784-24-D, NS-2835-288-24, NS-2835-400-24, NS-5050-288-24-A, NS-5050-288-24-B, NS-2835-252-24, NS-5050-288-24-C, NS-2835-60-12/24, NS-2835-120-12/24, NS-2835-AA-12/24, NS-2835-ZZ-12/24, NS-2835-240-12/24, NS-2835-168-12/24, NS-2835-192-12/24, NS-5050-60-12/24, NS-5050-30-12/24, NS-5050-60-12/24-A, NS-5050-120-12/24-A, NS-5050-60-12/24-B, NS-5050-120-12/24-B, NS-5050-60-12/24-C, NS-2835-128-24, NS-2835-160-24-A, NS-2835-160-24-B, NS-2835-120-24-CC, NS-2835-130-48, NS-3014-60-12/24, NS-3014-120-12/24, NS-2835-48-24, NS-5050-24-24, NS-2216-224-24, NS-2835-60-12/24-S, NS-2835-126-12-WF, NS-2835-120-24-WF, NS-5050-60-24-A-DMX, NS-5050-60-24-B-DMX, NS-5050-60-12/24-A-A, NS-2835-120-12/24-A-A, NS-5050-60-12/24-A-B, NS-5050-60-12/24-B-C, NS-5050-60-5-A-C, NS-5050-60-5-B-C, NS-5050-60-12-A-D, NS-5050-60-12-A-E, NS-5050-60-12-A-F, NS-2216-240-24, NS-2216-300-24, NS-3528-60-12/24, NS-3528-120-12/24, NS-3528-240-12/24, NS-5730-60-12/24, NS-5730-120-12/24

Test Standard : **EN IEC 55015:2019+A11:2020, EN 61547:2009**
EN IEC 61000-3-2:2019/A1:2021, EN 61000-3-3:2013/A2:2021/AC:2022-01

As shown in the Test Report No. : **XDX41230216102601ER**

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



Christina Deng
Manager
Oct. 26, 2023

BST Testing(Shenzhen) Co., Ltd.

Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-6168, 8009990305, E-mail: christina@bst-lab.com



BST A RELIABLE TESTING FOR TRUST
GLOBAL TESTING AND CERTIFICATION PRECISION SERVICE CLOUD FACTORY

Certificate of Compliance

Certificate No. : BSTDGX41230216102601CC

Applicant : NEWSMART LED LIMITED
1 building MingJinghai Industrial Park, Shiyan Town, Bao'an, Shenzhen, China

Manufacturer : NEWSMART LED LIMITED
1 building MingJinghai Industrial Park, Shiyan Town, Bao'an, Shenzhen, China

Product Name : Flexible led Strip light

Trademark : NEWSMART

Main Test Model : NS-2835-120-24-1

Additional Model :

NS-COB-320-12/24, NS-COB-480-12/24, NS-COB-528-12/24, NS-COB-608-12/24,
NS-COB-810-12, NS-COB-840-24, NS-COB-1080-24, NS-COB-784-24, NS-COB-840-24-Z,
NS-COB-480-24-L, NS-COB-480-24-N, NS-COB-AA-12/24, NS-COB-ZZ-12/24,
NS-COB-480-12/24-M, NS-COB-378-24, NS-COB-576-24, NS-COB-528-12/24-F,
NS-COB-360-24, NS-COB-X-24, NS-COB-720-24-D, NS-COB-576-24, NS-COB-784-24-D,
NS-2835-288-24, NS-2835-400-24, NS-5050-288-24-A, NS-5050-288-24-B, NS-2835-252-24,
NS-5050-288-24-C, NS-2835-60-12/24, NS-2835-120-12/24, NS-2835-AA-12/24,
NS-2835-ZZ-12/24, NS-2835-240-12/24, NS-2835-168-12/24, NS-2835-192-12/24,
NS-5050-60-12/24, NS-5050-30-12/24, NS-5050-60-12/24-A, NS-5050-120-12/24-A,
NS-5050-60-12/24-B, NS-5050-120-12/24-B, NS-5050-60-12/24-C, NS-2835-128-24,
NS-2835-160-24-A, NS-2835-160-24-B, NS-2835-120-24-CC, NS-2835-130-48,
NS-3014-60-12/24, NS-3014-120-12/24, NS-2835-48-24, NS-5050-24-24, NS-2216-224-24,
NS-2835-60-12/24-S, NS-2835-126-12-WF, NS-2835-120-24-WF, NS-5050-60-24-A-DMX,
NS-5050-60-24-B-DMX, NS-5050-60-12/24-A-A, NS-2835-120-12/24-A-A,
NS-5050-60-12/24-A-B, NS-5050-60-12/24-B-C, NS-5050-60-5-A-C, NS-5050-60-5-B-C,
NS-5050-60-12-A-D, NS-5050-60-12-A-E, NS-5050-60-12-A-F, NS-2216-240-24,
NS-2216-300-24, NS-3528-60-12/24, NS-3528-120-12/24, NS-3528-240-12/24,
NS-5730-60-12/24, NS-5730-120-12/24

**Test Standard : IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013,
IEC 62321-6:2015, IEC 62321-7-1:2015,
IEC 62321-7-2:2017, IEC 62321-8:2017**

As shown in the Test Report No. : BSTDGX41230216102601CR

The EUT described above has been tested by us and found in compliance with the council RoHS 2 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102. This certificate is only valid in conjunction with the test report.



RoHS



Christina Deng
Manager
Oct. 26, 2023

Dongguan BST Testing Co., Ltd

Add: 4/F., No.1, Chaomei Industrial Park, No.445, Donghai Road, Yantian District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel: 400-962-6168, 800-9990305, E-mail: christina@bst-lab.com