# Function Specification

**Product Description:**

SMD LED Flexible Strip is totally and genuinely flexible strip light. It can be used as edge-lighting of transparent or diffused materials, illuminated signs and path/contour marking.

**About SMD Flex**

- Available in single color. 3M type on the PCB back for putting on SMD Flex.

- Pack in poly bag and each bag has 168mm, for single color it is 12 LEDs.

- Can cut every 3 LEDs along the cutting marks. The smallest unit is 42mm.

- Drive with 12V DC and 0.02A by running one unit with 3 LEDs.

**How to run SMD Flex**

- suitable power adapters
- All you need to is to connect the necessary fittings, peel off the 3M type and light it up

SMD Flex makes it possible to use LED lighting in places that could not be reached before. Curves, corners and round objects can now be furnished with LED lighting

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● Features

| Item | Parameter range |
|---|---|
| Wavelengthλd（nm）Or type（k） | （Red）:624± 3nm |
| | （Yellow): 589 ± 3nm |
| | （Blue）: 470± 3nm |
| | （Green）:525± 3nm |
| | （Warm White）:2600K |
| | （White）:3300K |
| | （Daylight White):6300K |
| | （(Cold White):4500K |
| LED Intensity | （Red）: >600mcd |
| | （Yellow): >600mcd |
| | （Blue）: >250mcd |
| | （Green）: >900mcd |
| | （Warm White）: >1200mcd |
| | （White）:>1200mcd |
| | （Daylight White):>1400mcd |
| | （Cold White):>1200mcd |

● Technical request

| No. | item | units | Parameter range |
|---|---|---|---|
| 1 | working environment | ℃ | -20~40 |
| 2 | storage condition | ℃ | -40~85 |
| 3 | limited voltage | V | DC12 |
| 4 | Input current | A | 0.02A*4 |
| 5 | output power | W | 0.24W*4 |
| 6 | dimension | mm | 168*10*2.6 |

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- **Packing**

  168mm x 1pc/bag

- **Certificate**

  CE Certificate

- **use manual**

  1.Please read the specification first to make sure the using condition is fit

  2.Please shut off the switch before connect the product, then turn on

  3. Indoor use only.

Nr. 15 04 85

A    B    C    D    E    F    G    H

168.0

200

14.0

SMD LED

RESISTOR

(mm ±10)

| Color | : | Daylight White |
|---|---|---|
| Wavelenght/color Temperature | : | typ. 6300K |
| Length | : | 16.8cm |
| Width | : | 1cm |
| Number of LEDs | : | 12 |
| Brightness(mcd) | : | 1300-1500 |
| Viewing angle | : | 110° |
| Voltage | : | max. 12V/DC |
| Fixing | : | "3M" tape |