

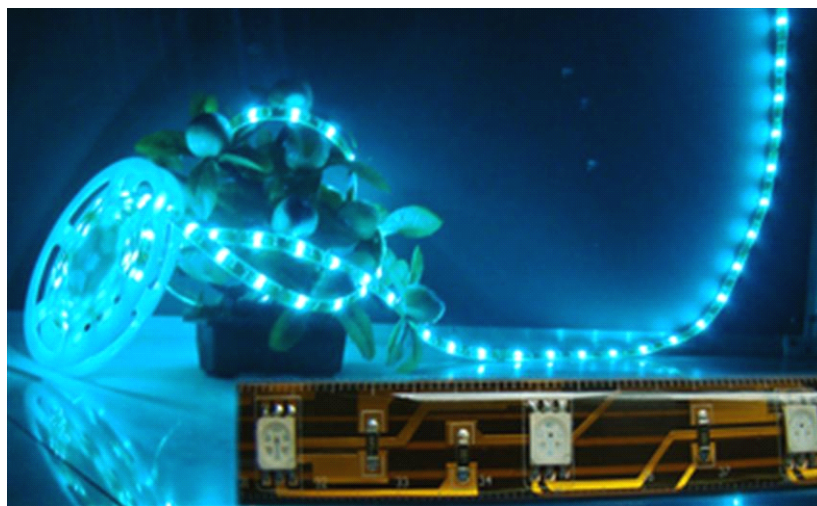


深圳市毅宁亮光电科技有限公司

SHENZHEN YINGLIANG PHOTOELECTRIC TECHNOLOGY CO; LTD

## Specification For 5050 SMD LED Strip (IP65 Waterproof)

Part Number	Color
ET-RE50DRGBN15-F	Red
	Blue
	Green



[www.etnlighting.com](http://www.etnlighting.com)

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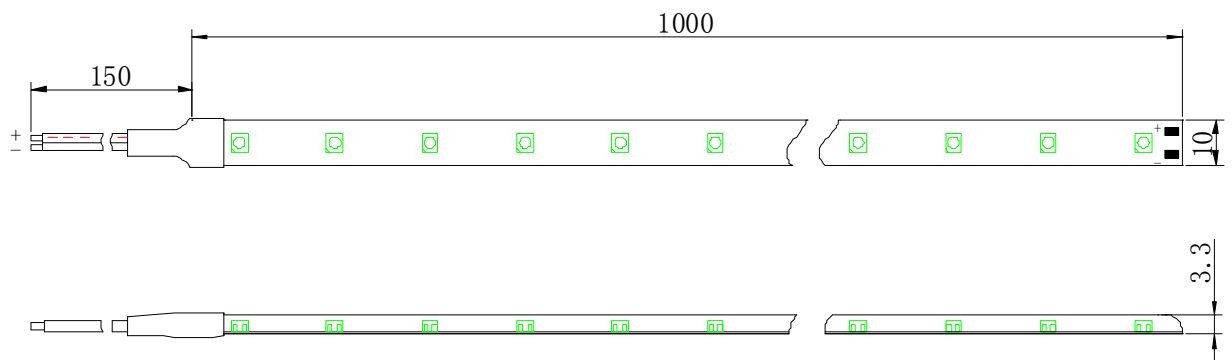
## Features:

- ✧ 1000mm\*10mm SMD Light Ribbon(30PCS LED)
- ✧ Working Voltage: DC12V
- ✧ Working Current: 510-570mA
- ✧ LED View Angle: 120 Degree
- ✧ IP65 Waterproof
- ✧ Package:5meters /Reel

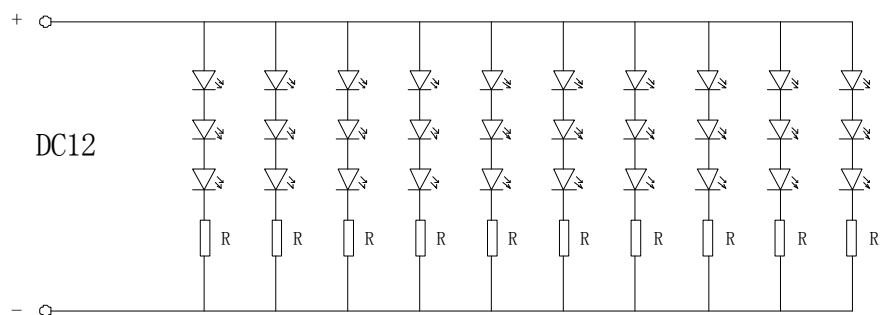
## Applications:

- ✧ Path&contour marking.
- ✧ Legend backlighting.
- ✧ Illuminated signs.
- ✧ Mood and special light.

## Dimensions and Schematic Diagram



Units: Millimeters





### Absoute Maximum Rating at TA=25°C

Parameter	Symbol	Absoute Maximum Rating	Unit
Forward Current	IF	600	mA
Power Dissipation	PD	7.2	W
Elestrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

### Electrical / Optical Characteristics at TA=25°C

Part Number	Color	Led Qty	Led Work Current	Wave Length	Luminous Flux	Packing
ET-RE50DRGBN15-F	Red	30	170-190mA	625-630nm	135-160Lm	5meters/reel
	Blue		170-190mA	465-470nm		
	Green		170-190mA	515-520nm		

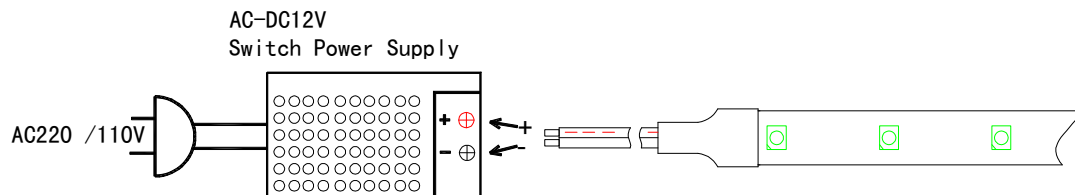
Notes: Tolerance of measurement of luminous intensity ±15%.



## Instruction

### 1、 Connection

5060 LED RGB waterproof LED strip Series : There are two wires for the product(Wire Pathway 22AWG; Wire Length 150MM),the Red one is connected to the positive section of the power supply while the Black one is for the cathode.If use the controller,the Red one is connected to the positive section of the controller while the Black one is for the cathode.See the diagram for better understanding.:



### 2、 Installation

3M double glue on the back of the product. Rive off the protection paper then install the product to anywhere you need to.

### 3、 Installation Notice:

- 1)、 Make sure the connection is correct according to the diagram.
- 2)、 Pay attention on the parameters limit on the above form.DO NOT run over the peak value.
- 3)、 Keep the surface of installation clear and level avoid breaking off.
- 4)、 Avoid the crook area is the just the position of LED and other components,in order to protect the product and extend the life span of the product.
- 5)、 Pls keep the product under the antistatic shielding when installation,DO NOT use the sharp tool to touch the product.