



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

(Waterproof)

Part Number	Color
ET-RE5050RN15-F24	Red
ET-RE5050YN15-F24	Yellow
ET-RE5050BN15-F24	Blue
ET-RE5050GN15-F24	Green
ET-RE5050WN15-F24	Pure White
ET-RE5050LWN15-F24	Cool White
ET-RE5050NWN15-F24	Warm White



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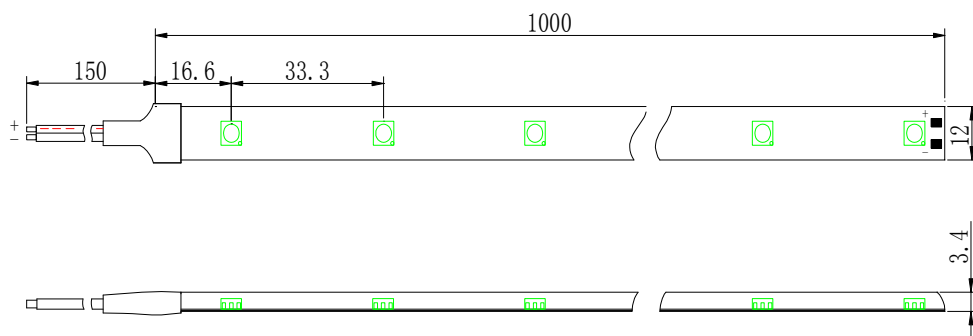
Features:

- ✧ 1000mm*10mm SMD Light Ribbon(30PCS LED)
- ✧ Working Voltage: DC12V
- ✧ Working Current: 510-570mA
- ✧ LED View Angle: 120 Degree
- ✧ Grade of Waterproof: IP66
- ✧ Package:5meters /Reel

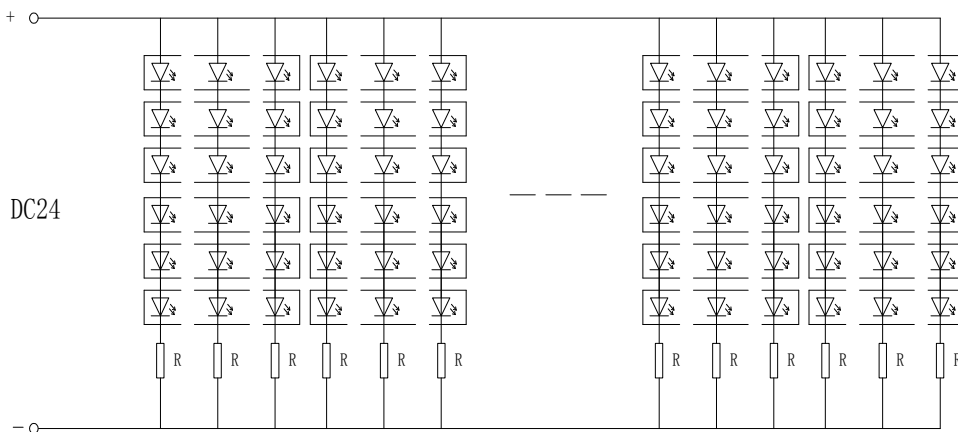
Applications:

- ✧ 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

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

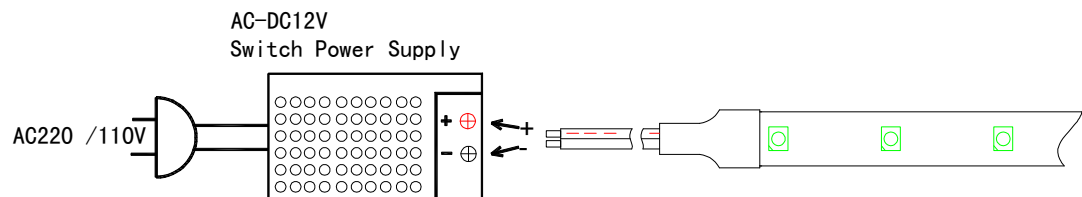
Part Number	Color	Led Qty	Led Work Current	Wave Length	Led Luminous Flux	Packing
ET-RE5050RN15-F	Red	30	510-570mA	625-630nm	90-100Lm	5meters/reel
ET-RE5050YN15-F	Yellow	30	510-570mA	590-595nm	90-100Lm	
ET-RE5050BN15-F	Blue	30	510-570mA	465-470nm	90-100Lm	
ET-RE5050GN15-F	Green	30	510-570mA	515-520nm	200-270Lm	
ET-RE5050WN15-F	Pure White	30	510-570mA	6000-7000k	300-360Lm	
ET-RE5050LWN15-F	Cool White	30	510-570mA	8000-9000k	300-360Lm	
ET-RE5050NWN15-F	Warm White	30	510-570mA	2900-3200k	300-360Lm	



Instruction

1、 Connection

5050 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.