

## Светодиодные модули "MD-RGB-SMD-3" для гибких экранов

### Product images



### Model specification

Model	Operating Voltage	Power Consumption		LED QTY.	Light Intensity (mcd)			
		Average	Maximum		RGB	W	Y	B
MD-RGB-SMD-3	DC15V	0.3W	1W	Full Color 5050SMD	5850	15000	3000	2550

### light source parameter

#### 1. Specification

Color	24-bit true color, that is 16777216 colors
Grayscale	256 levels each RGB
Case	Flame-retardant PC (transparent, light gray, black, white optional)
Weight	15±1g

#### 2. Communication Specification

Data cable	2-core shielded twisted-pair
Differential Interface	Data Interface 485

#### 3. Electrical specifications

Operating voltage	DC 12V
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#### 4. Power supply specification

Type	switching power supply
Input	AC 90~264V ,47~63HZ
Output	DC12V
Power	25W-600W (the actual maximum output power supply rated power 75%) 350W most commonly used
Shell	Outdoor waterproof shell
Certification	3C, CE

#### 5. Environmental requirement

Operating temperature	-20 °C to 50 °C
Storage temperature	-40 °C to 70 °C
Protection class	IP66

#### 6. Life

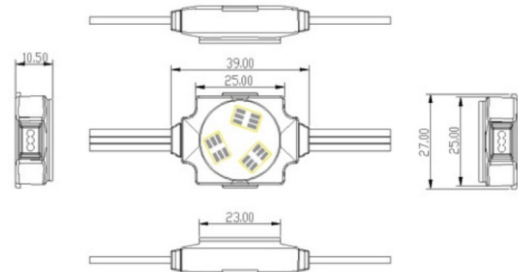
MTBF	=1 Million Hours
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**Note:** LED's luminous flux with time and decay characteristics, so the ultimate life of the product MTBF is not the only indicator.

#### 7. Light source LED Specification

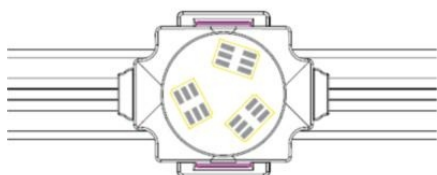
Wavelength	624nm±3nm, 525nm±3nm, 470nm±3nm
beam angle	Conventional 120°

#### 8. Physical Size

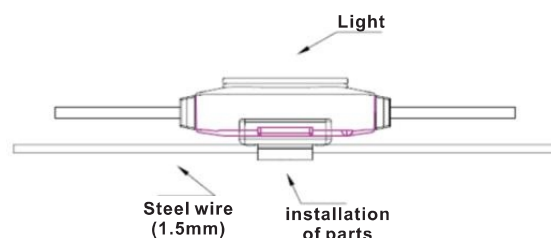


### Installation

#### 1、Wire Installation



#### 2、Spacing note: minimum spacing 3cm; maximum spacing 15cm

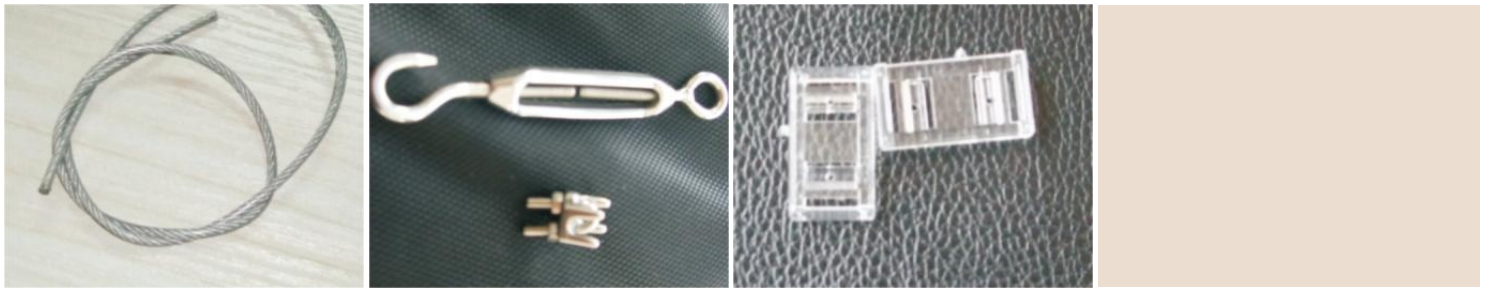


## Luminous Efficiency / Effect Design

120 degrees using 5050SMD Surface Mount LED, light-emitting surface is even, non-directional constraints, can achieve the effect of flat panel displays.

## spare parts inventory, size, accessories

Steel wire, flange, bar-head, installation of parts



## Power System

- 1、 Power supply specifications
  - [Http://meanwell.com.cn/ch\\_index.html](http://meanwell.com.cn/ch_index.html)
- 2、 Power waterproof, thermal
- 3、 Controllable pitch single power point: (a larger loss of DC power, such as the voltage drop of more than controllable pitch is large, will lead to inconsistencies in light brightness) around a single power supply point of each 10 m
- 4、 Power Connection: Middle Power

