



## PRODUCTS SPECIFICATION

# 5050 SMD RIGID BAR SERIES

For LD72 5050 SERIES

Made by	Checked by	Version
Ms. Katie	Ms. Jane	2009.2.4



## 72 LED Rigid bar introduction.

### Features:

Available in DC12V maximum.

Very bright & low power consumption.

Operating temperature: -20~50C°.

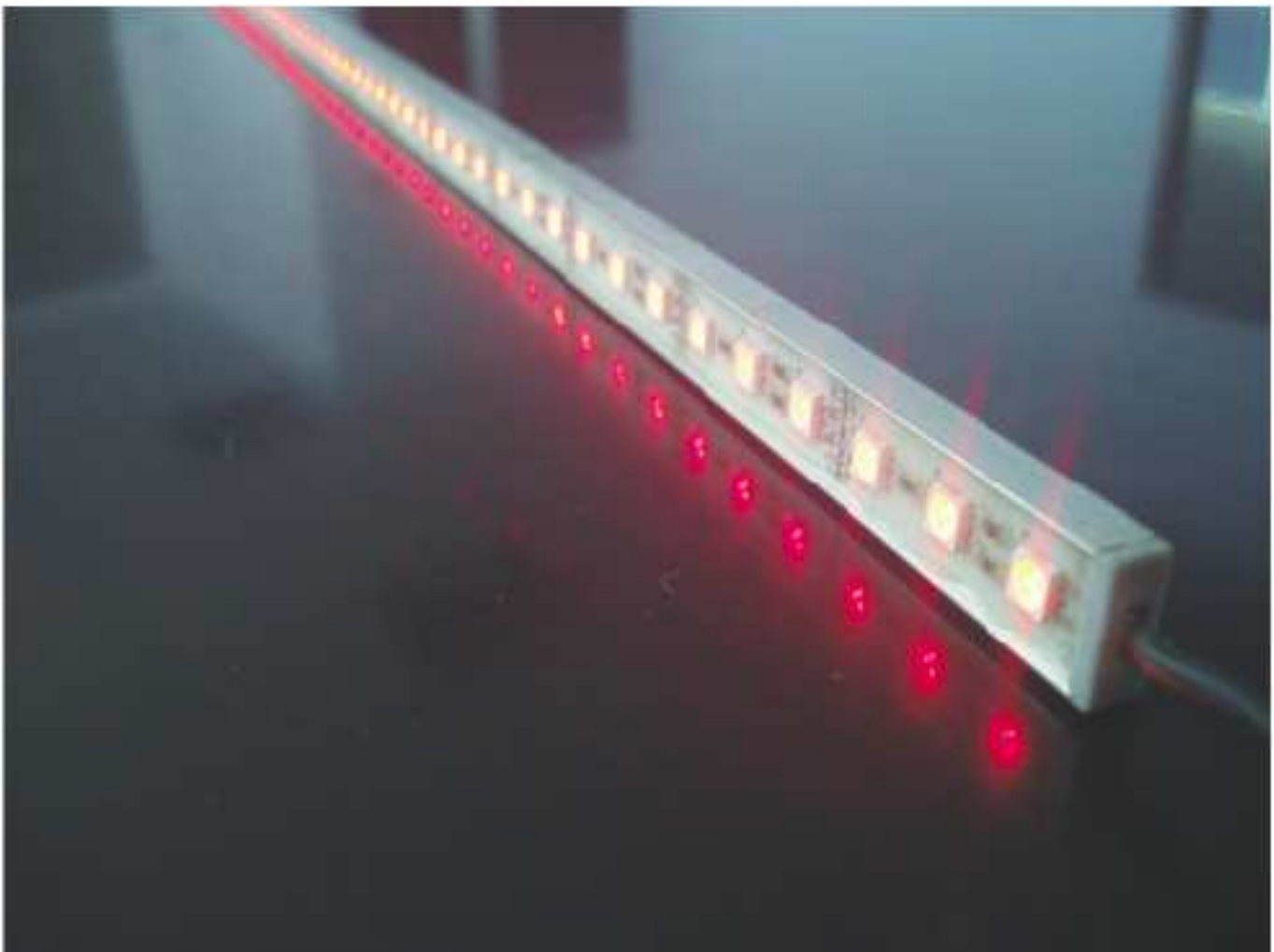
Long life span LED lights, more than 50,000 hours +.

Dimmable to 6V DC.

Water-proof, IP67.

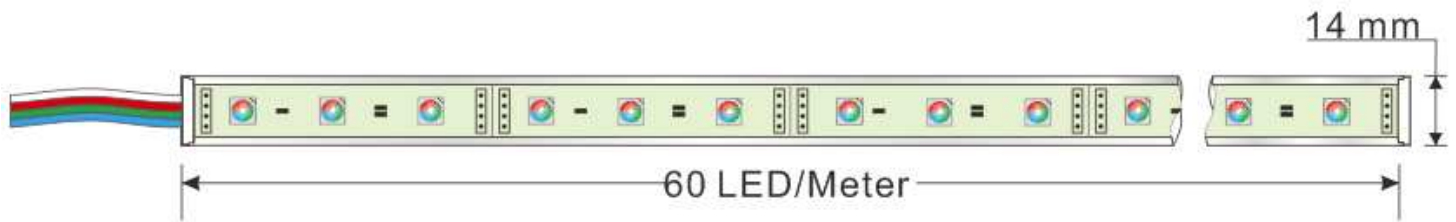
### Applications:

Ideal for sign letters and channel letters, concealed lights, room lighting, equipment.



# Assembly drawing

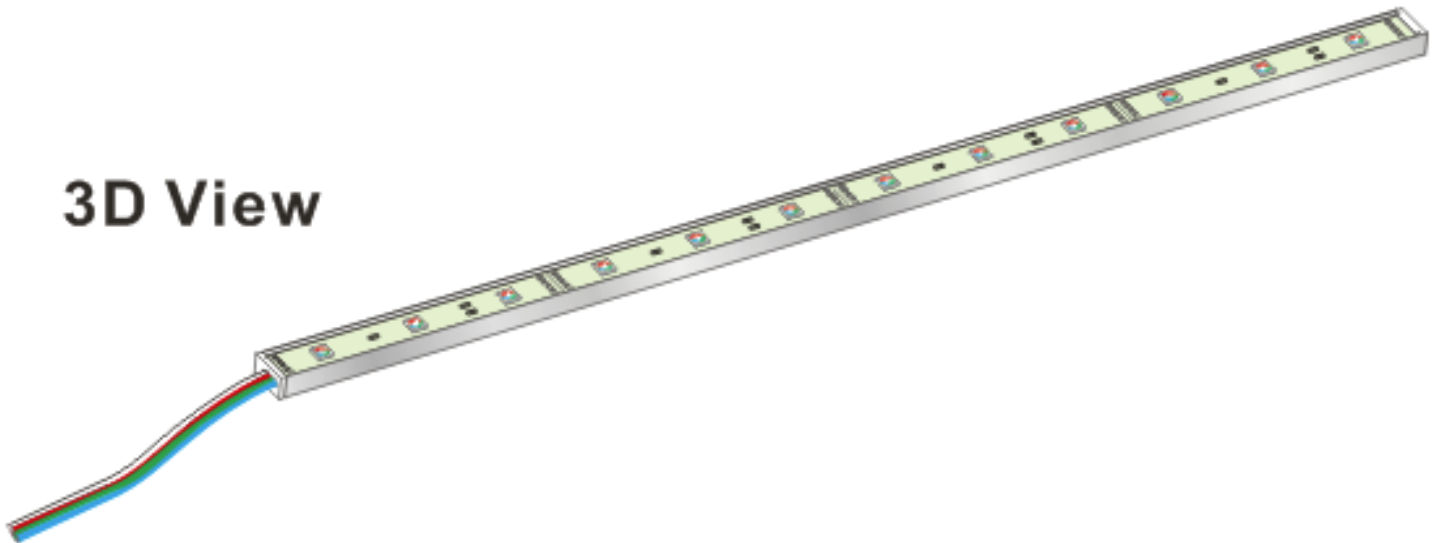
## Top View



## Section



## 3D View

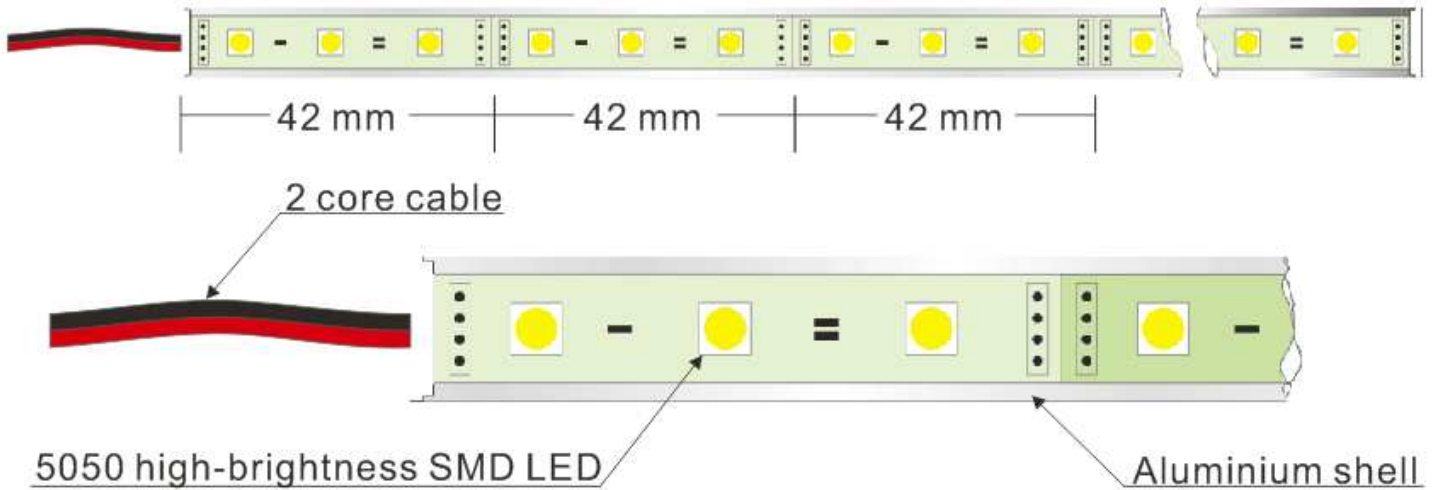


**View Angle: 120degrees**

**Operation Temperature: -20°C~50°C**

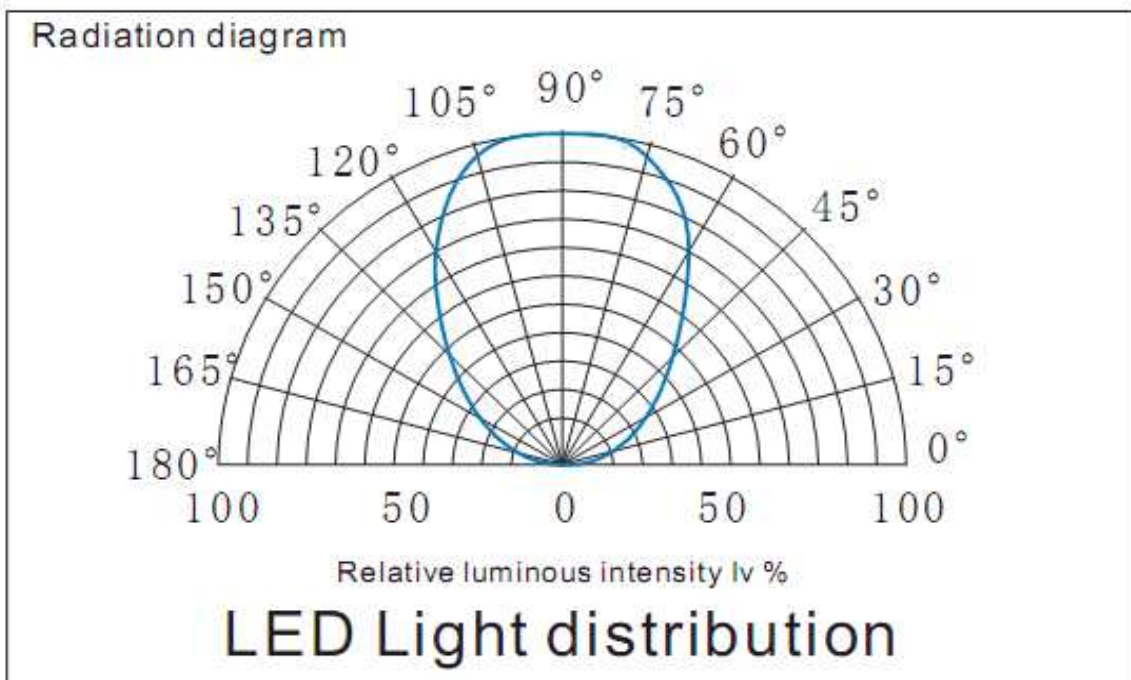
**Store Temperature: -30°C~80°C**

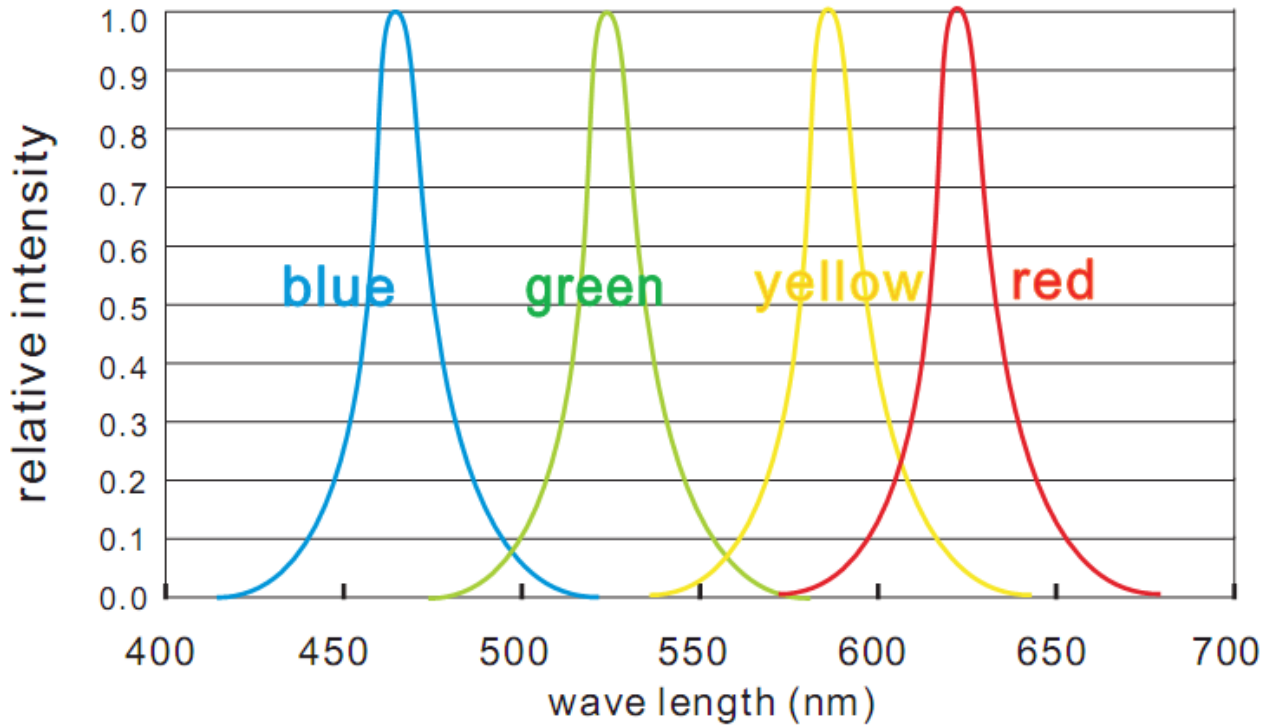
## 5050 SMD LED Rigid bar: 72 LED/meter



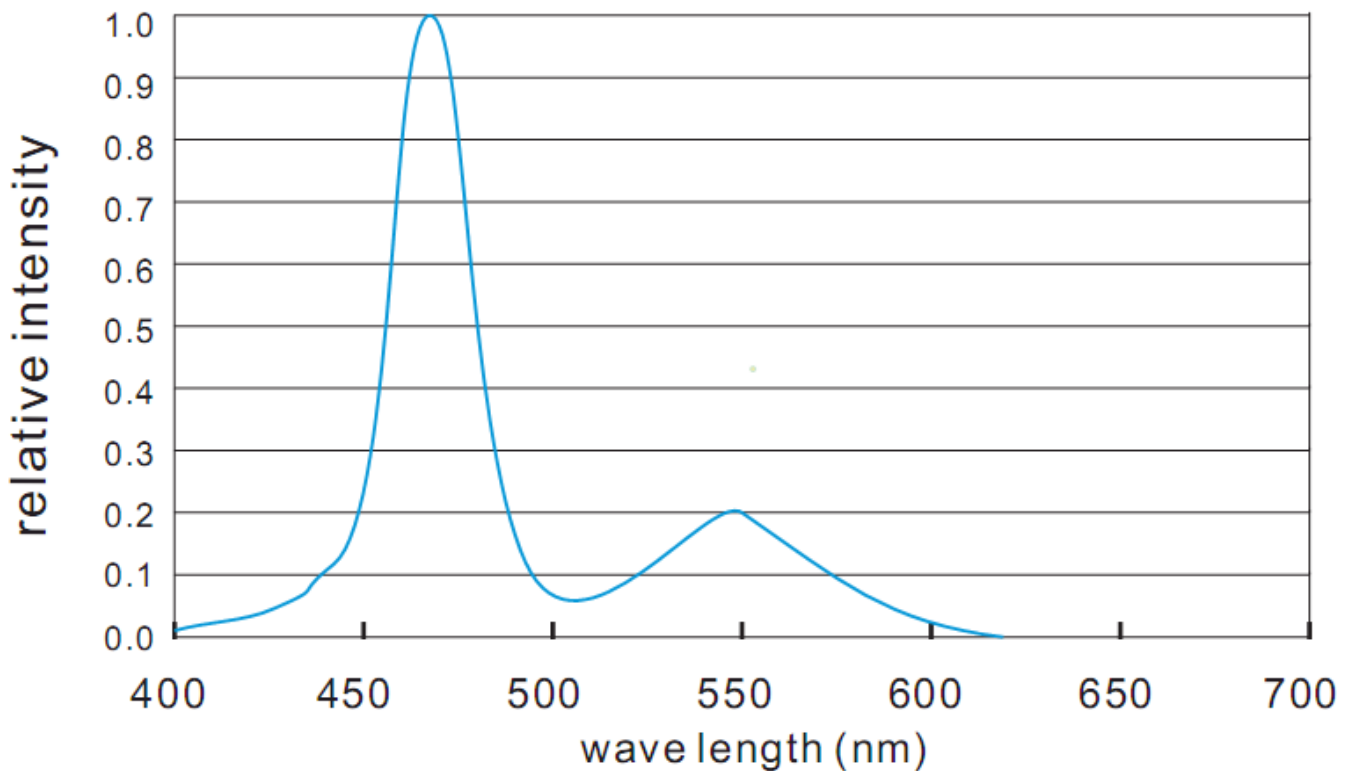
These strips are widely used in shop and bar illumination, it works at 12DC, with super bright SMD LEDs, wide view angle, compact size, easy to install, Aluminium PCB holder help you to fix easily. Water-proof, long life span (more than 50000 hours),

Part Number	LED Type	Emitting Color	LED qty per meter	LED spacing (mm)	lumens per meter (lumens)	size (mm)	Voltage (V DC)	Current (Amps/ meter)	Max. power consumption (watts/ meter)	viewing angle (degree)	IP rated
LD72-BW5050-R	5050(5080) SMD Top LED, with aluminum base	Red	72	13.3	432	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)
LD72-BW5050-Y		Yellow	72	13.3	432	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)
LD72-BW5050-B		Blue	72	13.3	540	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)
LD72-BW5050-G		Green	72	13.3	864	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)
LD72-BW5050-W		White	72	13.3	1404	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)
LD72-BW5050-WW		Warm White	72	13.3	1296	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)
LD72-BW5050-RGB		RGB	72	13.3	R:144 G:288 B:180	1000x14x7	12V	1.44A	17.3W	120	waterproof (IP67 Rated)





for: red, blue, green, yellow



for: white LED

## How to connect rigid bar.

Below shows you how to connect the Rigid bar to power supplies.

