PL-F5050-RGB/30-1

Ⅰ. **Introduction**

1. Soft and flexible; can be bendable，

2. Adopting 5050 RGB SMD Lamps as light source; beam angle>140°
3. Simple circuitry structure; 3 pcs lamps make a loop，

4. Low working voltage: DC12V; secure and reliable．

5. Easy to install and maintain; can be cut and linked as per clients' requirement．

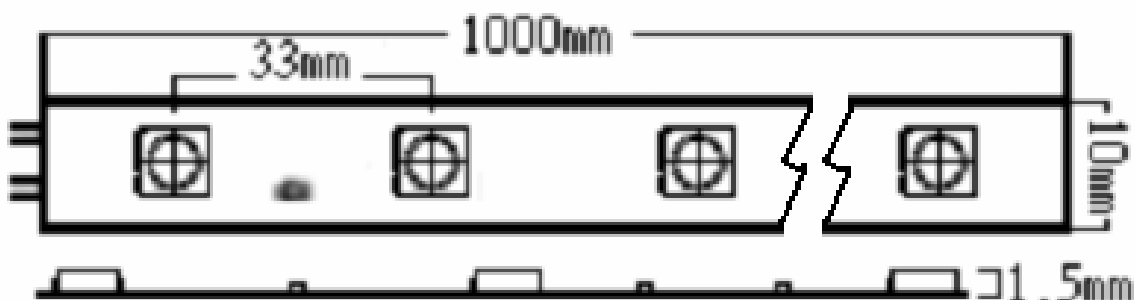6. Using 3M double-side sticky tape to fix on the back side of the strip．
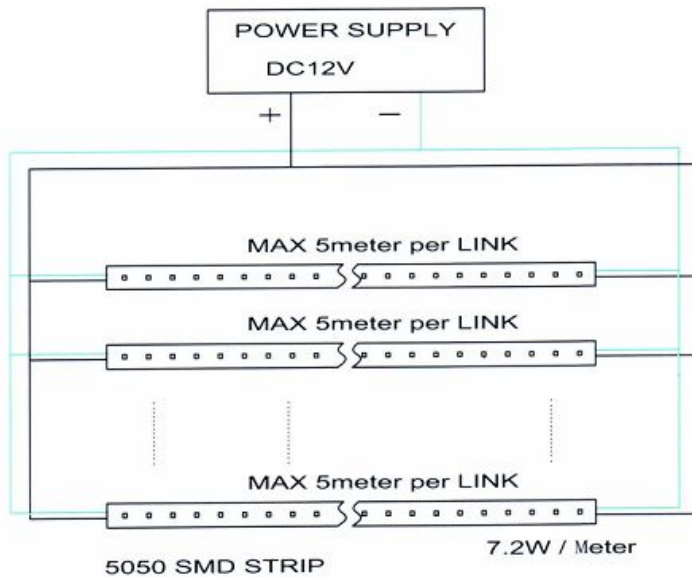
Ⅱ、 **Specification (1 meter)**

1. **Size (mm)**： 10*1000
2. **Voltage (V)**： DC 12V
3. **Power (W)**： 7.2W
4. **LED Quantity**：30 pcs

Item	Symbol		Tested Parameter			Unit
			Min	Typ	Max	
Dominant Wavelength Typ.	λd	R		625		nm
		G		525		
		B		470		
Luminous flux Typ.	Φv	R		150		lm
		G		480		
		B		120		
Viewing Angle	2θ1/2			140		deg

Ⅲ、 **Size**

![POWERLED logo]

How to connect the LED Strips

POWER SUPPLY
DC12V

+   −

MAX 5meter per LINK

MAX 5meter per LINK

MAX 5meter per LINK

5050 SMD STRIP   7.2W / Meter
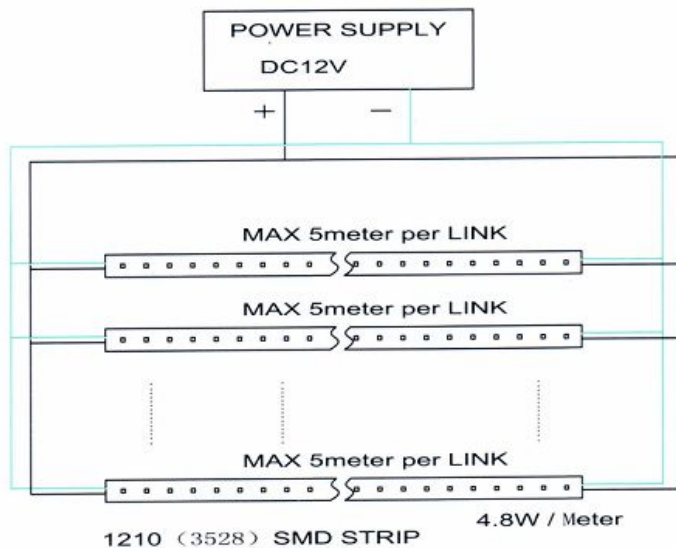
Marks:
1. Maximum 5meter/link/loop
2. Better to supply the power through both of the two ends of each link.
3. Modules should be installed in a proportional spacing to make sure the LED emitting evenly.
4. Power supply should be DC12v.
5. Be sure the positive and negative are not **reversed**

POWER SUPPLY
DC12V

+   −

MAX 5meter per LINK

MAX 5meter per LINK

MAX 5meter per LINK

1210（3528）SMD STRIP   4.8W / Meter

Marks:
1. Maximum 5meter/link/loop
2. Better to supply the power through both of the two ends of each link.
3. Modules should be installed in a proportional spacing to make sure the LED emitting evenly.
4. Power supply should be DC12v.
5. Be sure the positive and negative are not **reversed**

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