

# SMD5050 Non-waterproof Flexible LED Strip

## GMBT1000-60RGB5050



### ◆ Features

- Epistar chips High brightness LM-80 TESTED;
- Always use one bin for one CCT. make the color uniform, good consistency.
- Different IP Grade flexible led strips are available. IP20 IP65(Silicone or PU coated) IP67(Tube encased) IP68(Silicone extrusion)
- Wide CCT and CRI range are available.
- Double layer 3oz rolled copper FPCB with good heat dissipation
- 3M adhesive tape for easy installation
- DC12V/DC24V Low voltage input
- Max series is 30meters. No drop voltage on the whole reel.Great!!!!

### ◆ Applications

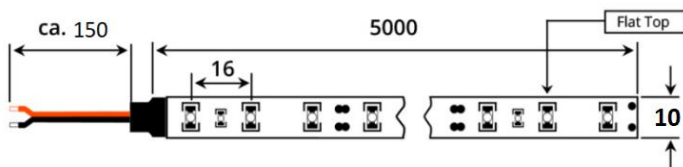
- Decorative lighting



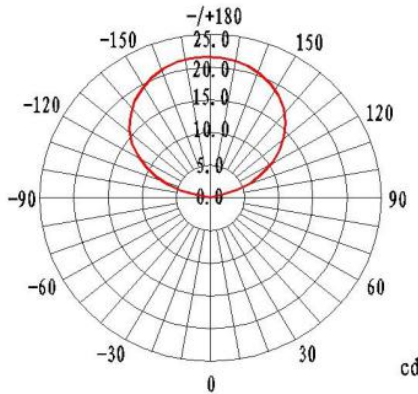
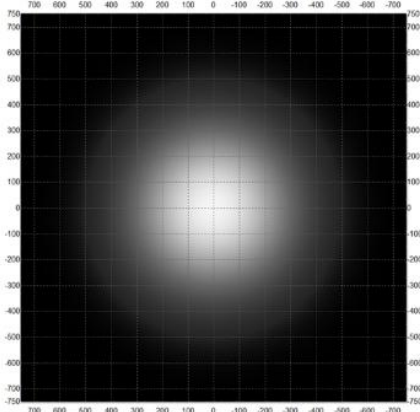
### ◆ Parameters

Part No.	Led Type	Led No./m	CCT	Lumen/m	CRI	Working Voltage	Power	Viewing Angle
GMBT1000-60RGB	5050	60	/	1320	RA>80	DC12V/DC24V	14.4W	120°

### ◆ Dimensions (mm)



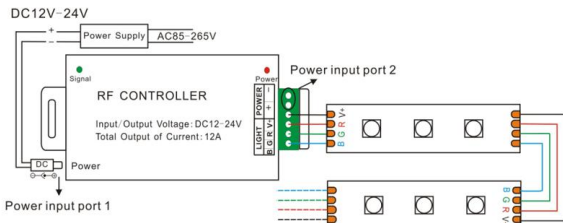
### ◆ Lighting Distribution Curve



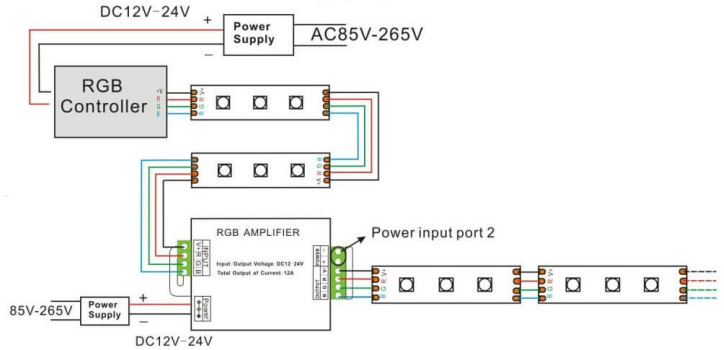
AVERAGE BEAM ANGLE(50%) 121.3°

### ◆ Connection Guide:

Connect 1 or 2rolls strips



Connect more than 2rolls RGB strip by amplifier



### ◆ Installation Guide:

Double-sided adhesive tape attached at backing of the strip

Double-sided Tape



Attached and fixed directly



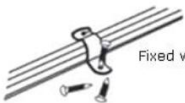
Extra rubber mounting clips are provided for IP67 and IP68 strip (2pcs/meter)



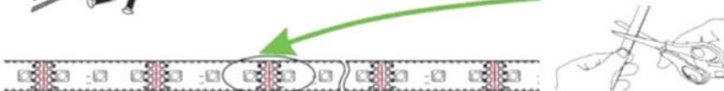
Mounting clip

Cut the strip every 3LED for 12V version; 6LED for 24V version.

Fixed with screws by clips



Cut along marks on strip



### ◆ Attention:

- The strip itself and all its components could not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board. The installation must be carried out by qualified personnel;
- Please check correct electrical polarity before connection. Wrong polarity may destroy the strip
- The max. length could not be over 5 meters when serial connection. If length is over 5 meters, you could see voltage drop which can cause hazardous overload and damage the strip
- Please ensure that the transformer could bear the total load.
- Pay particular attention to the conductive slopes, avoid bending the strip so as not to slice them;
- Cut the strips only along the appropriate marks;

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Watsapp: +86 134 1074 1216; Contact Person: Cathy Zhang

➤ Strips must be installed in a suitable environment. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements

Before any application it is advisable to clean the surface where the strip will be glued; must be glued to a thermal-conductive surface, preferably aluminum

◆ **Package information:**

5meters per reel; 1 reel per aluminum foil bag; 100bags per carton; Total 500meters in one carton.

Carton size: 46\*27.5\*28.5cm; N.W: 11.5±5%Kg; G.W: 12.5±10%Kg

