



5050 RGB+W Strip

RGB+W/NW/WW

EPISTAR

5050 SMD

3 Year Warranty



IP20/67

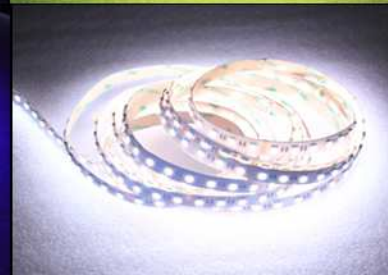
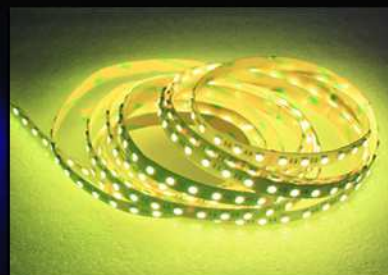
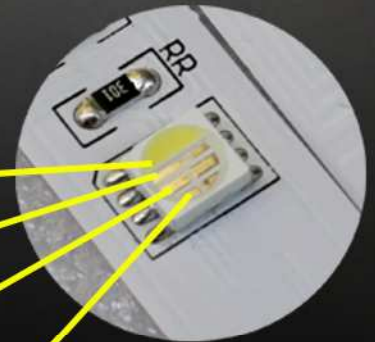


W/NW/WW

Blue

Green

Red





※ Feature

Unique light source

GLU 5050 RGBW in one SMD LED strip light, top quality Epistar chip 5050 SMD LEDs are used as light sources, which is special customized by GLU, which will give you a more better effect for color changing.

Double-faced soft FPC

GLU LED Strip light use high tech. double-faced FPC soft PCB to ensure the good electrical conductivity and lower voltage drop, special designed with thicker cooper circuit, however for many other suppliers they use single faced soft PCB.

Flexible in length suitable for different applications

GLU LED strip light, the standard length is 5 meters/reel, but we can offer different length strip, such as 1meter, 2meters, 3meters, 4meters etc. suitable for different applications.

Different colors for choice for different applications

GLU RGBW LED strip, we offer standard RGB+white, RGB+Natural white and RGB+Warm white for choice for different applications.

High CRI for white color

GLU RGBW in one LED strip, for white color, CRI is higher than 80, which will give you a true world.

Non-waterproof and IP67 available

GLU RGBW in one LED strip, we offer both non-waterproof version and IP67(with silicone tube) versions for choice for different applications.

Special Design

For our 5050 RGBW strip, we offer DC24V with 60LED/m, 72LED/m, 84LED/m, 96LED/m version with 12mm width PCB, which can be controlled by 4 channels controller to achieve different mixed color to achieve different effect.

Environmental friendly

GLU LED strips are complied with CE and RoHS standard without harmful substance, such as lead or Mercury etc.

3 Years warranty

GLU LED strips are use good materials and super light sources with low lumens depreciation, which make the strips with long life-span over 80, 000 hours, and we offer 3 years warranty.



※ Technique Data

Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
		FTBN-RGBW-60/72/84/96	
Forward Current	IF	720/864/1008/1152	mA
Forward Voltage	VF	24	V
Viewing Angle	2θ 1/2	120	deg
Electrostatic discharge	ESD	400	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Electrical / Optical Characteristics at TA=25°C

Part No.	Color	CCT/WLD	Lumen Flux	Working Voltage	Current	Power
FTBN-RGBW-60	Red	620-630nm	120lm	24VDC	0.72A	17.28W
	Green	515-525nm	360lm			
	Blue	460-475nm	72lm			
	Cool white	6000-7000K	380lm			
	Warm white	2400-3200K	340lm			
FTBN-RGBW-72	Red	620-630nm	140lm	24VDC	0.864A	20.7W
	Green	515-525nm	430lm			
	Blue	460-475nm	86lm			
	Cool white	6000-7000K	456lm			
	Warm white	2400-3200K	408lm			
FTBN-RGBW-84	Red	620-630nm	165lm	24VDC	1.008A	24.19W
	Green	515-525nm	504lm			
	Blue	460-475nm	100lm			
	Cool white	6000-7000K	530lm			
	Warm white	2400-3200K	475lm			
FTBN-RGBW-96	Red	620-630nm	190lm	24VDC	1.152A	27.6W
	Green	515-525nm	570lm			
	Blue	460-475nm	115lm			
	Cool white	6000-7000K	610lm			
	Warm white	2400-3200K	545lm			

Note: 1. The lumen flux tolerance is ±5%;

2. Test Temperature (Ambient temperature: TA=25°C)

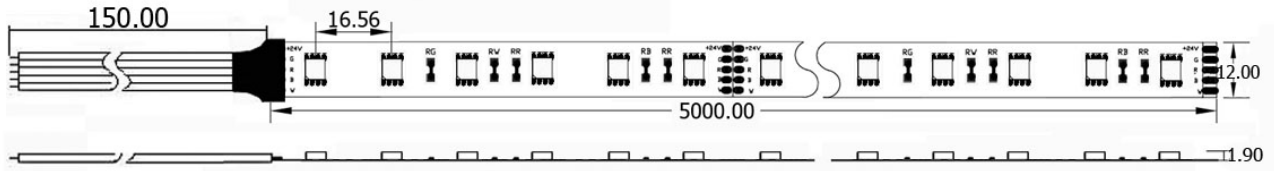
3. All the technical parameters are based on per meter with max value.



※ Dimension

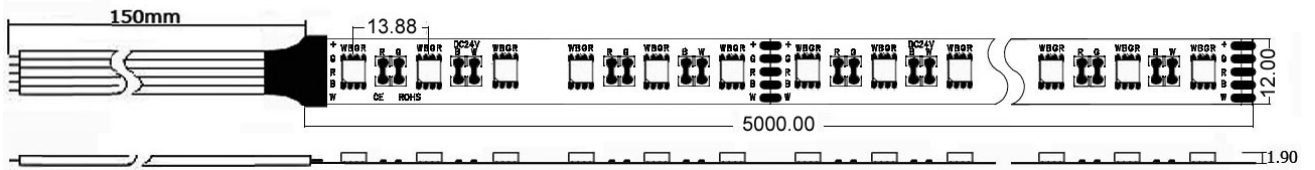
FTBN-RGBW-60

Unit:mm



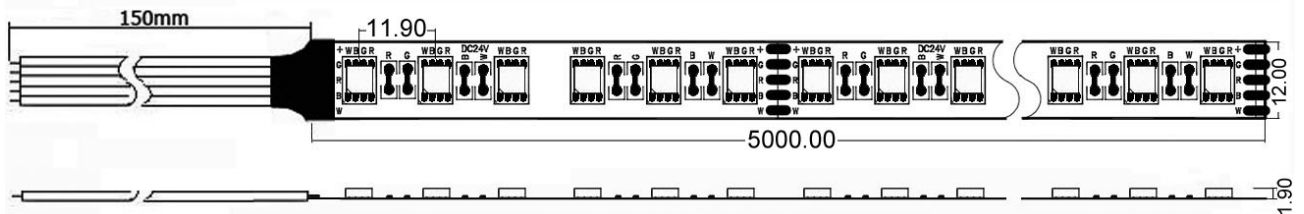
FTBN-RGBW-72

Unit:mm



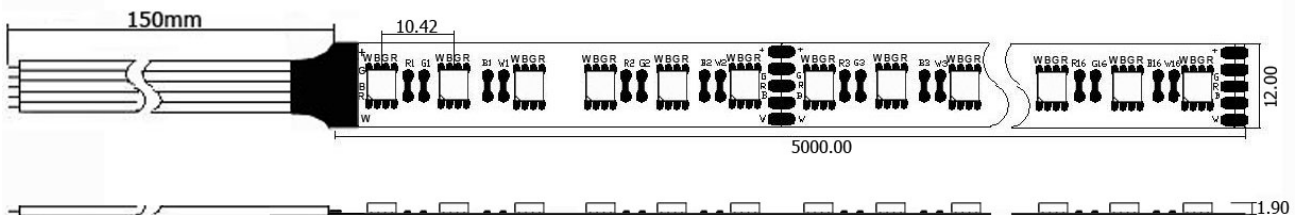
FTBN-RGBW-84

Unit:mm



FTBN-RGBW-96

Unit:mm

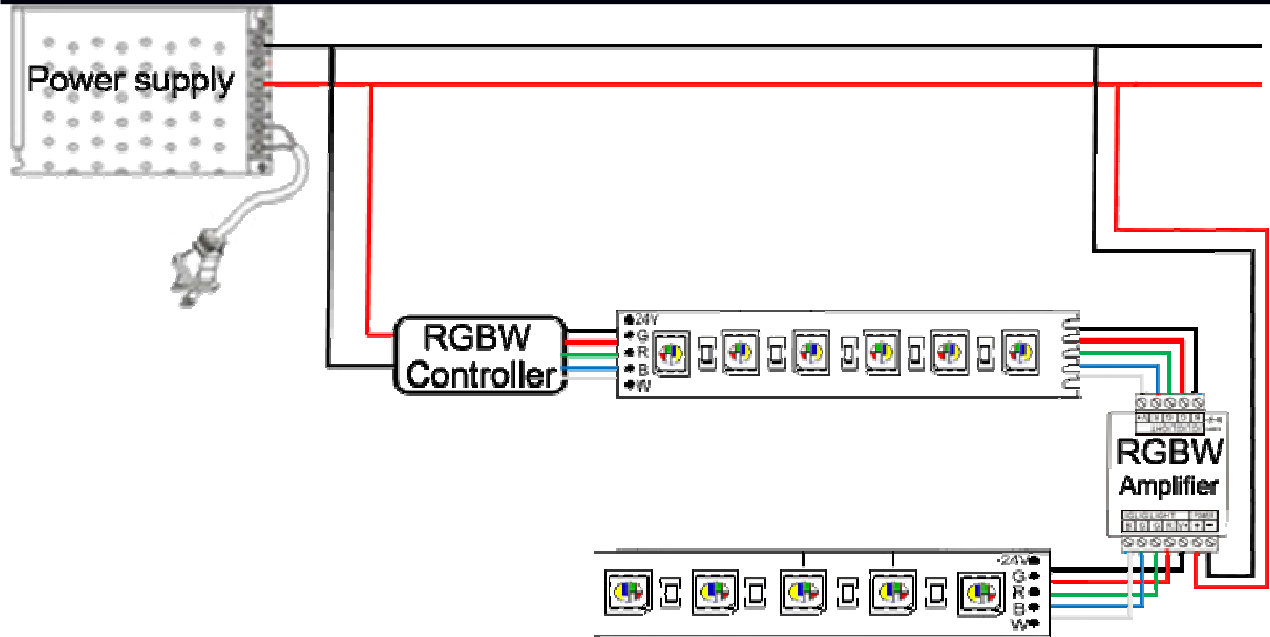


Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is $\pm 0.5\text{mm}$ unless otherwise noted.



※ Connecting Diagram



Note:

1. Please connect strips before power on;
2. Parallel connection is strongly suggested.

※ Application

For Flexible Strips, they can be used as edge light, cove light, furniture light, sign light, backlighting for AdWords, lighting box etc., and widely used as decorative lighting for building outline, sidestep, exhibition stand, hotel, KTV, club etc. And also DIY Light for household use.

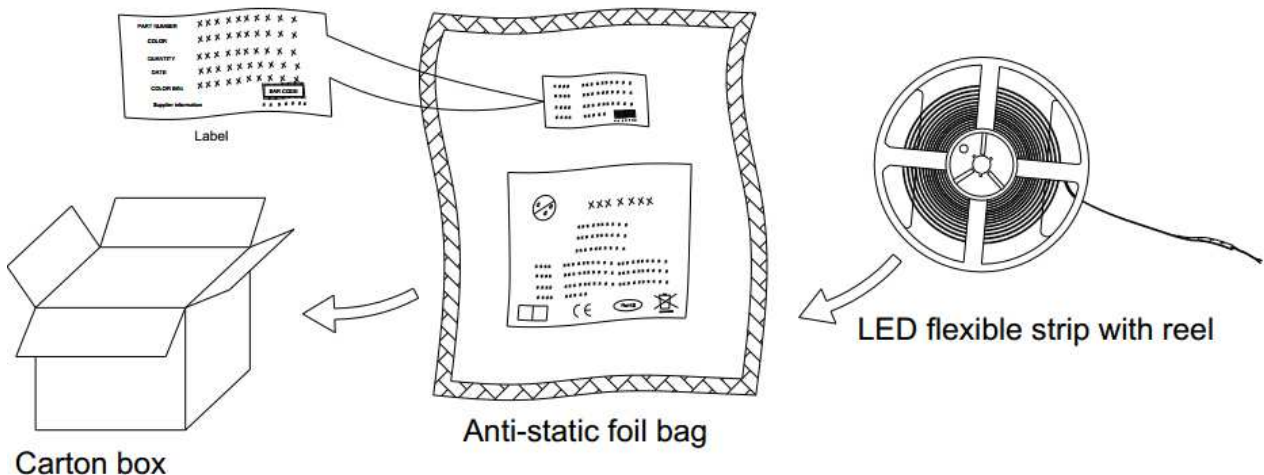


※ Safety Information

- The SMD light ribbon itself and all its components may not be mechanically stressed. Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED light ribbon (with power supplies) needs to be comply with all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations. Correct electrical polarity needs to be observed. Wrong polarity may destroy the ribbon.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the ribbon.
- Please ensure that the power supply is of adequate power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical insulated points between ribbon and the mounting surface.
- Please pay attention to standard ESD precautions when installing the ribbon.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.



※ Package





※ Contact Information

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