



## YJ-LS5050RGB60 LED Flexible Strip Specification

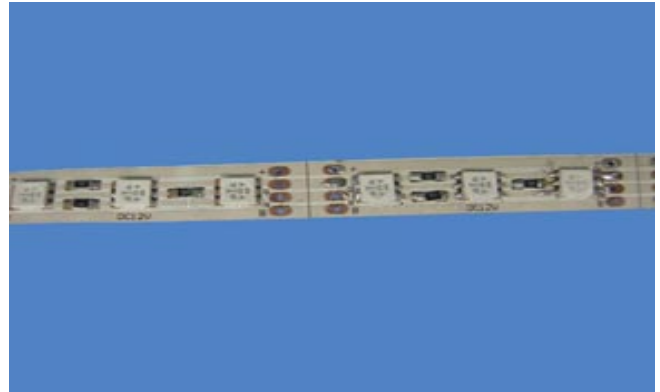
### 1. Features:

- ✧ Low power consumption, vivid lighting color
- ✧ Defending Electricity Leakage
- ✧ Easy to install, maintenance free
- ✧ Big viewing angle, long lifespan
- ✧ Green product, compliant with ROHS and CE.

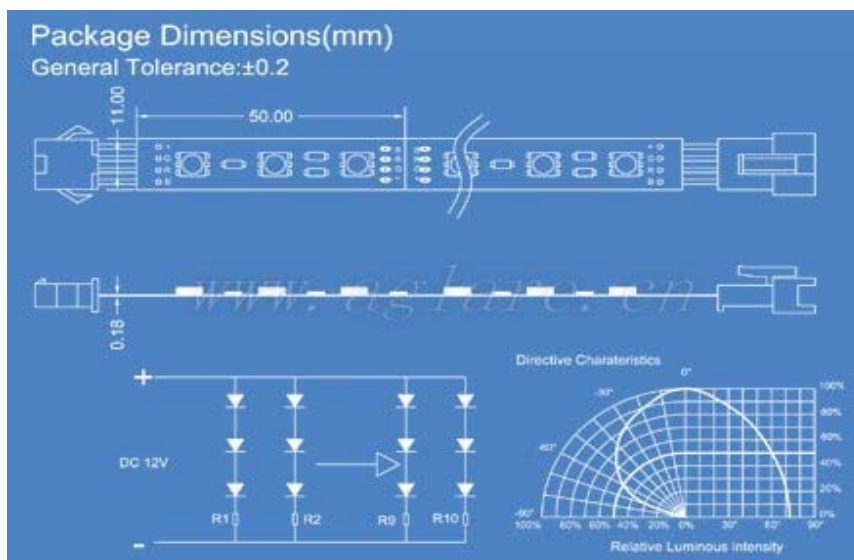
### 2. Application:

- ✧ Decoration for indoor illumination
- ✧ Slim characteristic for Lighting sign etc.

Picture:

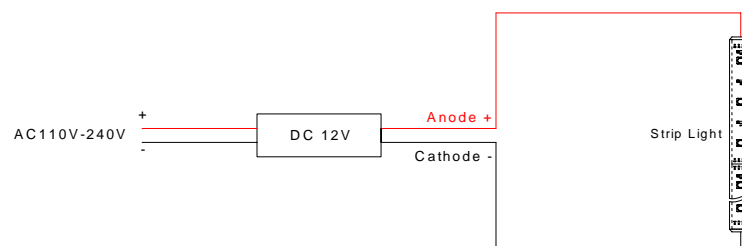


### 3. Package Dimensions (mm):



- 1). All dimensions are in millimeters
- 2). Tolerance is 0.5 mm unless otherwise noted
- 3). One strip connected by 3 Units and every 3 SMDs can be cut of
- 4). 60 SMDs divisible in 3 Double-steps
- 5). Voltage supply: 12 VDC

### Circuits:





## 4. YJ-LS5050RGB60 Characteristic:

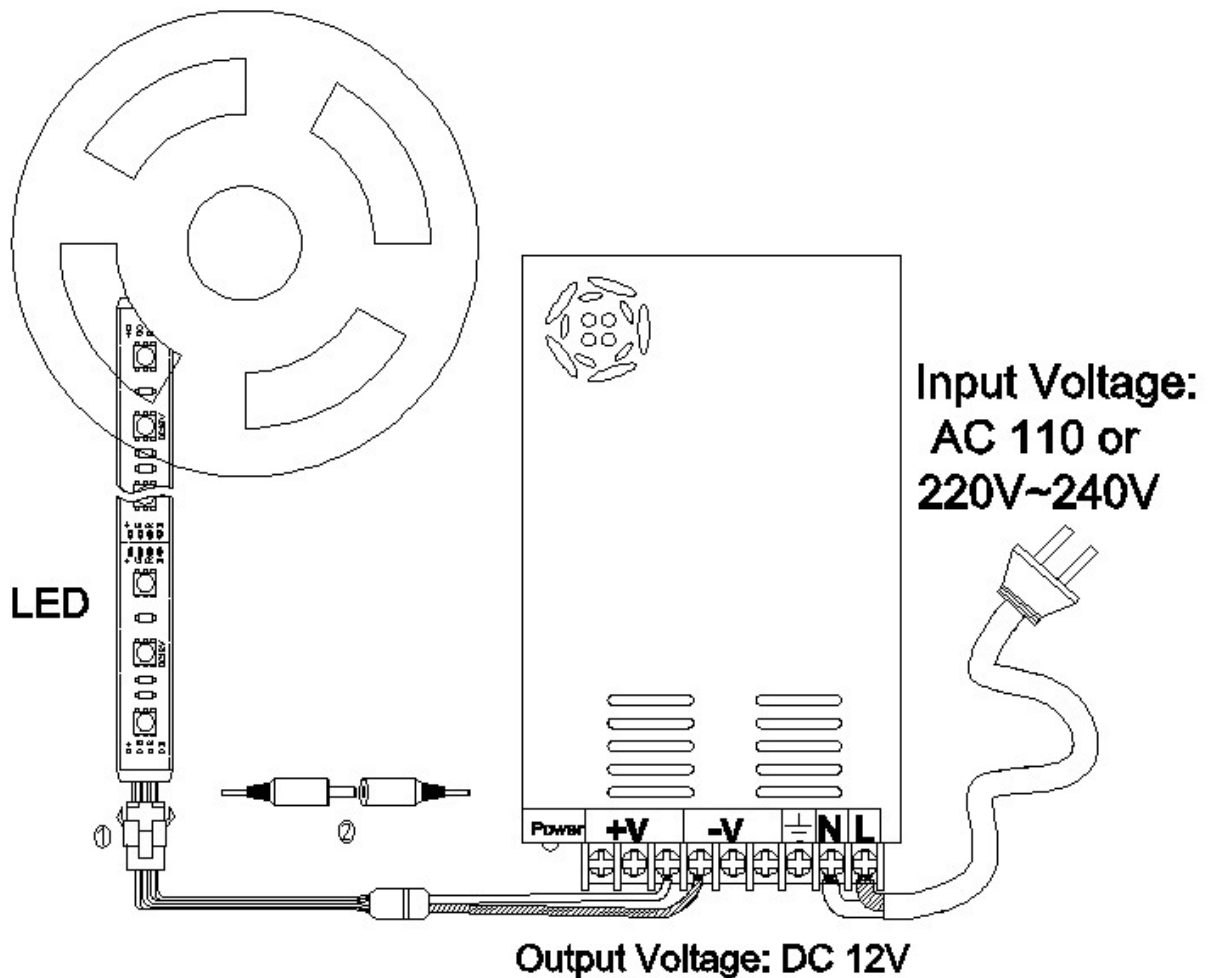
LIGHT EMITTING DIODE LAMPS			
Absolute maximum ratings		(Ta=25°C)	
	Symbol	Value	Unit
Forward current	If	60	mA
Reverse voltage	Vf	5	V
Power dissipation	Pd	172	mW
Operating temperature range	Top	-25~+80	°C
Storage temperature range	Top	-30~+80	°C
Peak pulsing current (1/8 duty f=1KHz)	If	125	mA

## 5. Absolute Maximum Rating at TA=25°C:

Part Number	Emitting Color	Input Voltage	Wattage	Water proof Degree	LED Quantity	Colour Temperature(k)	Wavelength (nm)	Luminous Intensity (Lm/M)		Continuous Connect (m)
								MIN	MAX	
YJ-LS5050R60	Red	DC12V	13W/M	/	60pcs	/	619-635	480	720	10-15
YJ-LS5050G60	Green		13W/M	/	60pcs	/	512-528	720	960	10-15
YJ-LS5050B60	Blue		13W/M	/	60pcs	/	463-475	120	240	10-15
YJ-LS5050Y60	Yellow		13W/M	/	60pcs	/	584-595	480	720	10-15
YJ-LS5050W60	Pure White		13W/M	/	60pcs	5500-6500	/	850	1080	10-15
YJ-LS5050WW60	Warm White		13W/M	/	60pcs	2700-3900	/	720	900	10-15
YJ-LS5050RGB60	R G B		13W/M	/	60pcs	/	/	300	350	10-15



## 6. Installation:

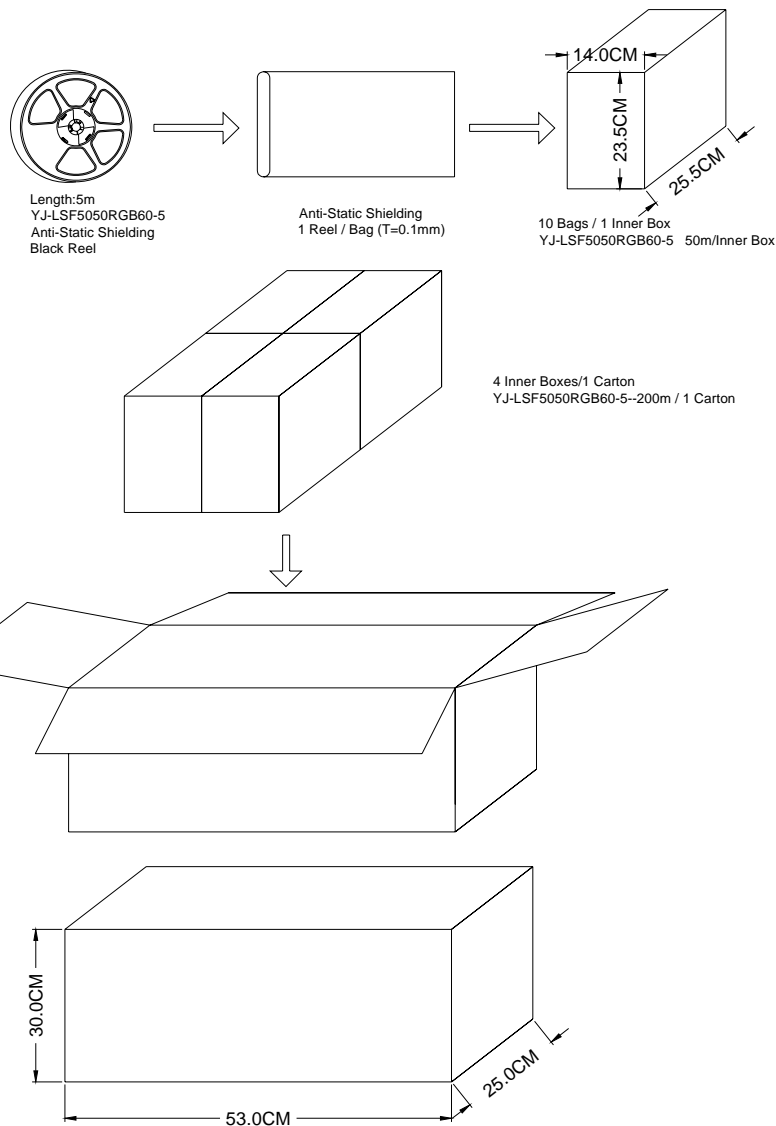


## 7. Power Adapter Application Information:

Length	From 0 to 1.0m	From 1.0 to 2.0m	From 2.5 to 5m
Suggested Power Adapter	15W/12V/1.25A	30W/12V/2.5A	70W/12V/5.8A
Power Adapter Item Number			
Voltage	12V	12V	12V
Current	Up to 1.08A	Up to 2.16A	Up to 5.4A
Section	From 0 to 40	From 40 to 80	From 80 to 160



## 8. Packing:



## 9. After-sales service:

All products are guaranteed to use in one year. Under the right and normal using condition, quality warranty is based on correct conservation, assemblage, and maintenance. As incorrect usage, and disobeying product operation, it's not guaranteed. To the problem within promised time, "Aglare" will solve it by repair, substitute accessories or replacement for your option. Upon exceeding the promised time, there will be material and maintenance fees to be paid by customers.

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