



5050 RGBW Pixel LED flex



Product Description

As the regular Digital RGB flex cannot play pure white

color we developed this RGBW pixel flexible strip

It comes 5 m in a reel , 6 LED per pixel per section with

a cutting mark per 100mm

Waterproof made by silicone tube housing ,W14*H4mm



PCB board only has black color available DC24V constant voltage operation ,it request to feed the power from each end of 5meters as the Voltage drop from the reel
Total 10 Pixels and 40 DMX channel per meter
White chip has warm white and pure white , customized CCT available



Product Datasheet

Product Number	S012060CB4ST	S012060CC4ST
Light Source	SMD 5050 4 in1 RGBW	
Beam Angle	120°	
LED Quantity	60 leds/m	
Color temperature	R:630nm G: 515nm B: 460nm White:6000-6500K /WW:2800-3200K	
Lumens/m	R:159lm G: 270nm B: 38lm W/WW : 558lm	
Control	20Pixel SPI	10Pixel SPI
Operating Voltage	DC12V	DC24V
Power (W)	15 W/M	15 W/M
Size (mm)	L 5000* W 12	
IP	IP 20/IP 65	
Net Weight	0.24kg/roll	
Operation Temperature	- 40 ~ 50 °C	

Application



Hotels ,restaurants, nights clubs, edge light

Recreational machines, playstation



Living rooms, coffee / wine bars, back lighting

TV, dancefloor background, shopping malls,

Strip IP Rate





Curve Lune

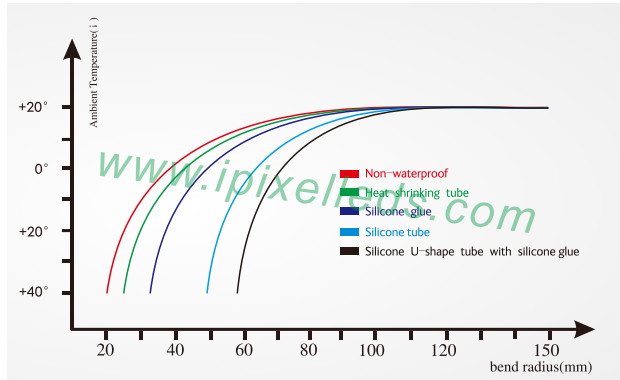
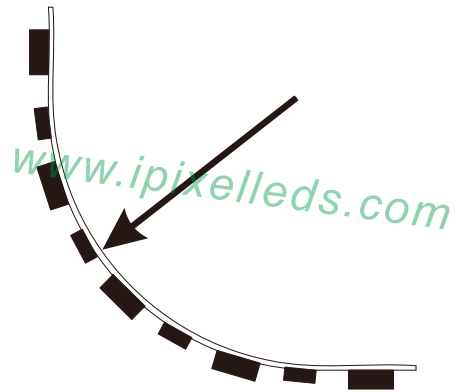
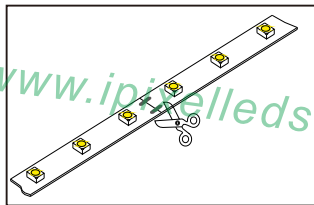


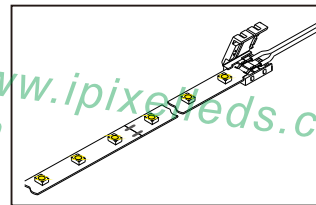
Diagram2: Bend Curve



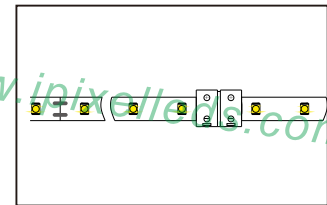
Installation



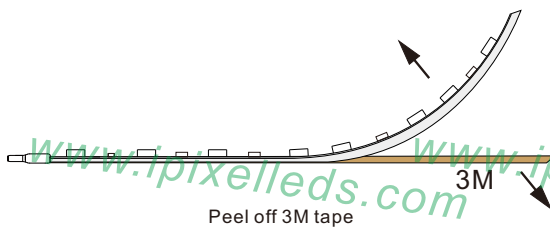
Cut in specific location



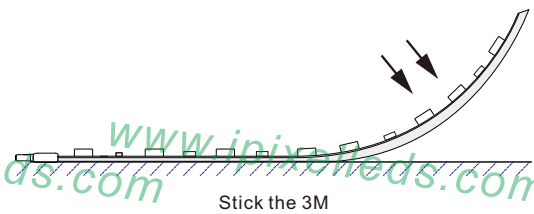
Put the PCB in the space between clip and connector, make the clips exactly aim at welding point



Close the cover of connector



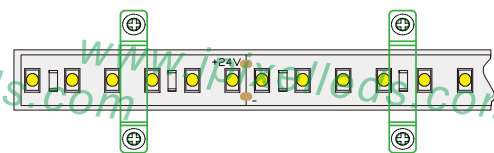
Peel off 3M tape



Stick the 3M



Install with clips



Fix with screws

Accessories (Excluded)



Screws



Silicone clip

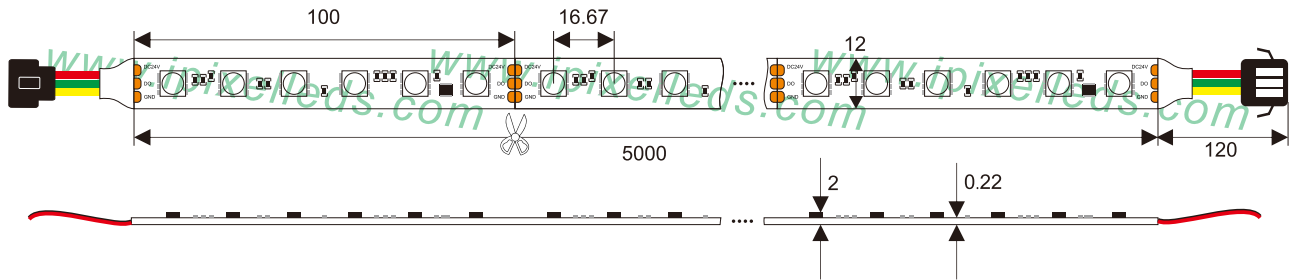


End cap

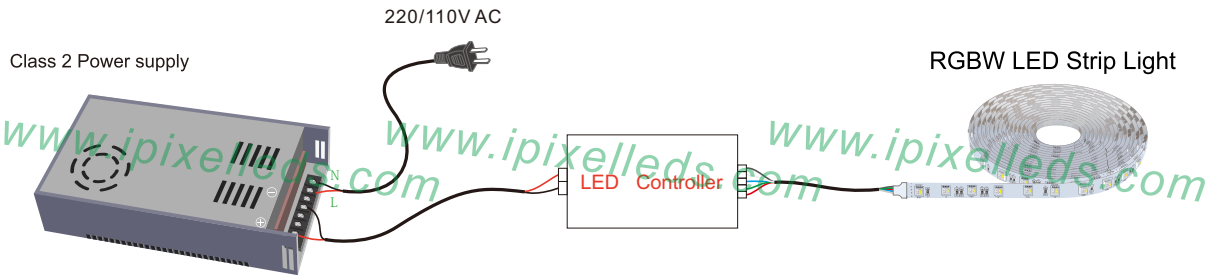


iPixel LED Light Co., Ltd

Outline Dimension (unit:mm)



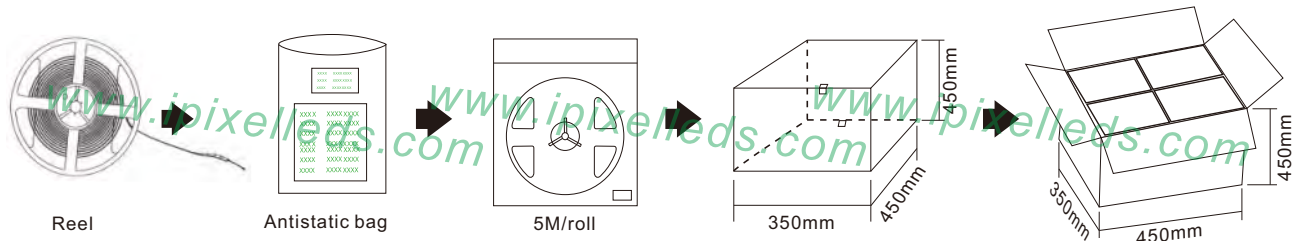
Connection



NOTES

1. Please apply different IP rate products according to different environment conditions;
2. Only install with Class 2 power unit
3. Do not install it when power is on. Before powering on, please make sure the wiring is correct;
4. Avoiding damaging the circuit or other component on the strip;
5. Avoid dragging, do not over bending during installation;
6. In order to get the best lighting effect, please do not connect overlong;
7. Please do not stare at the light for along time when it is working to protect your eyes;
8. Installation required by a qualified electrician
9. Supply cable – R/C (AVLV2/8), external use style, rated minimum 300 V, 80 °C, minimum 22 AWG

Product packaging



Product number	Standard length	Quantity / volume	outer carton size	Weight(kg)/reel
S012060CC4ST(IP20)	5M	240 Reels	L450xW350xH450mm	0.24kg
/				/
/				/
/				/
/				/
/				/