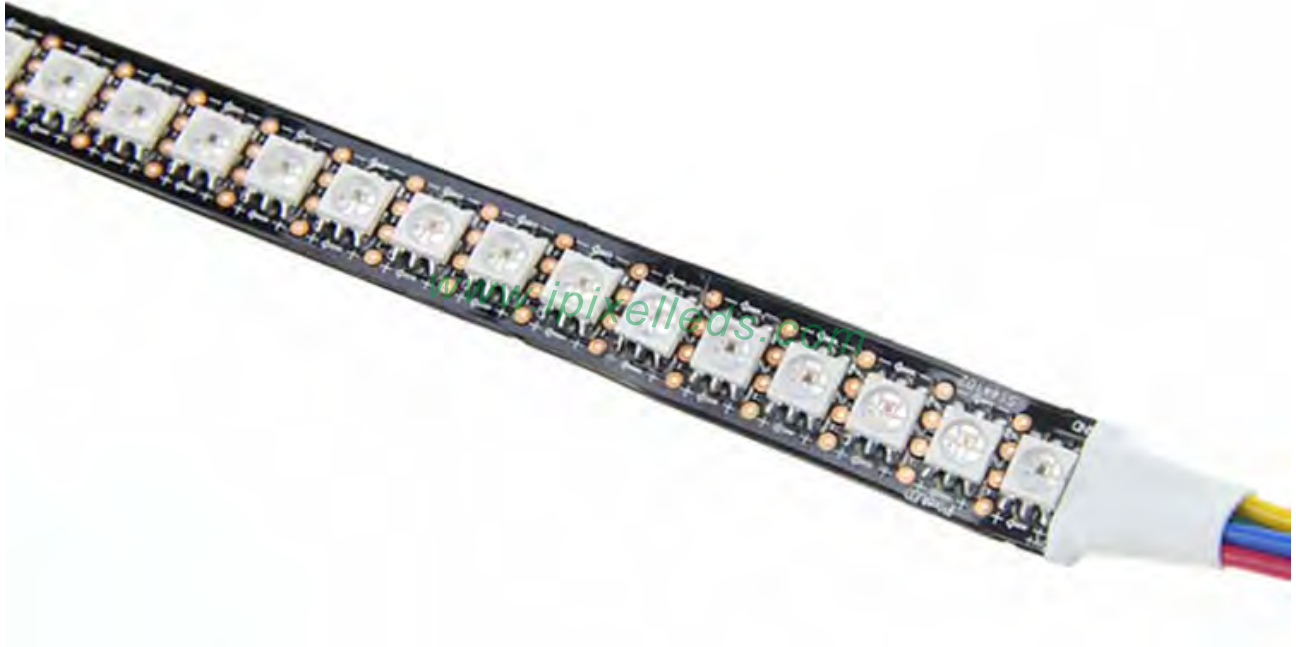




Addressable APA102 LED Strip-144leds



Product Description

High density Addressable LED Strip has 144 pixel &

LED per reel

Each single LED per unit and cut-able every 6.9mm

The PCB is 2+2 Ounce thick copper for heat dissipation

White & Black PCB, PCB wide is 12mm



SPI protocol with +/-, DAT and CLK, DC5V voltage

1 Meter per reel, Customized sizes are also available

4Pin JST SM connector, IP65 waterproof by silicon

tube housing



Product Datasheet

Product Number	S012144CA3SA2
Light Source	SMD 5050 RGB
Beam Angle	120°
LED Quantity	144 leds/m
Emitting Color	Full color
Luminance Per 1m	R:72000 G:576000 B:21600
Control	APA102/SK9822
Operating Voltage	DC5V
Power (W)	24W/M
Size (mm)	L 1000* W 12
IP	IP 20/IP 65
Net Weight	0.13kg/roll
Operation Temperature	- 40 ~ 50 °C

Application



Hotels ,restaurants, nights clubs, edge light

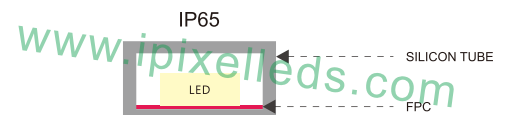
Recreational machines, playstation



Living rooms, coffee / wine bars, back lighting

TV, dancefloor background, shopping malls,

Strip IP Rate





Curve Lune

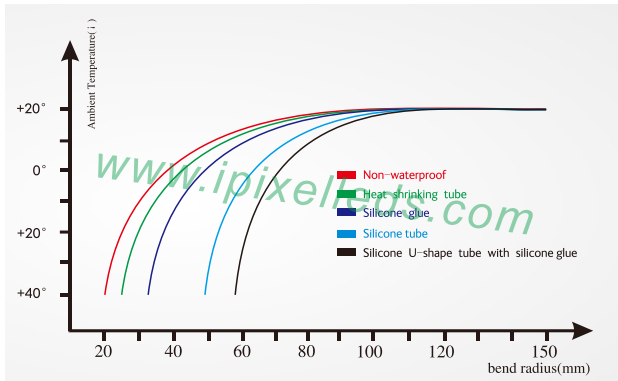
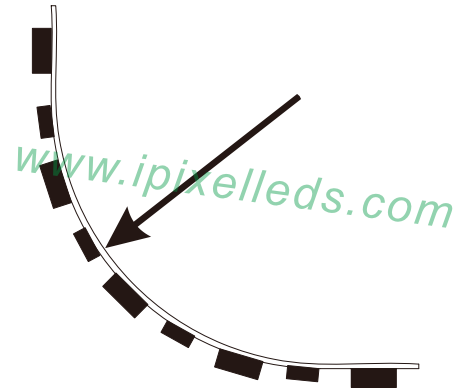
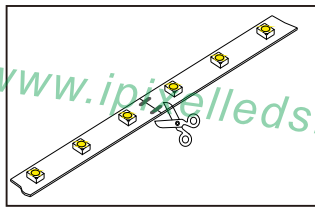


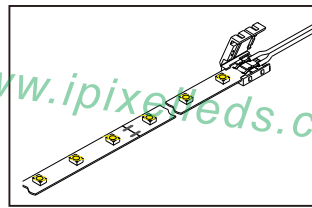
Diagram2: Bend Curve



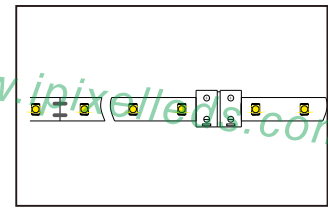
Installation



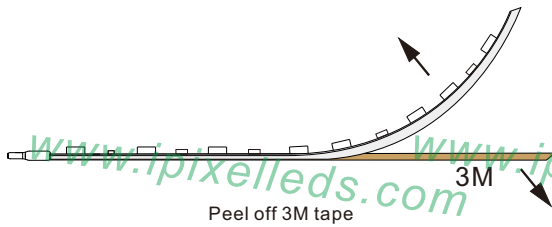
Cut in specific location



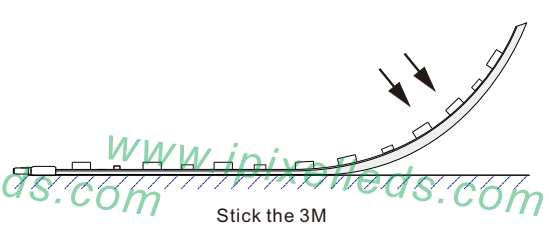
Put the PCB in the space between clip and connector, make the clips exactly aim at welding point



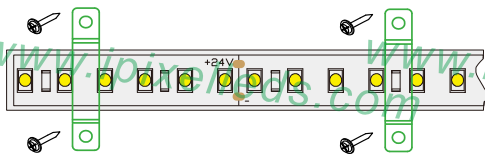
Close the cover of connector



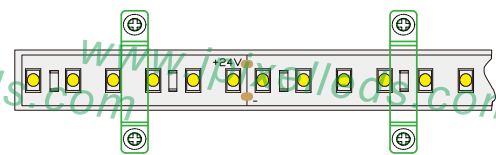
Peel off 3M tape



Stick the 3M



Install with clips



Fix with screws

Accessories (Excluded)



Screws



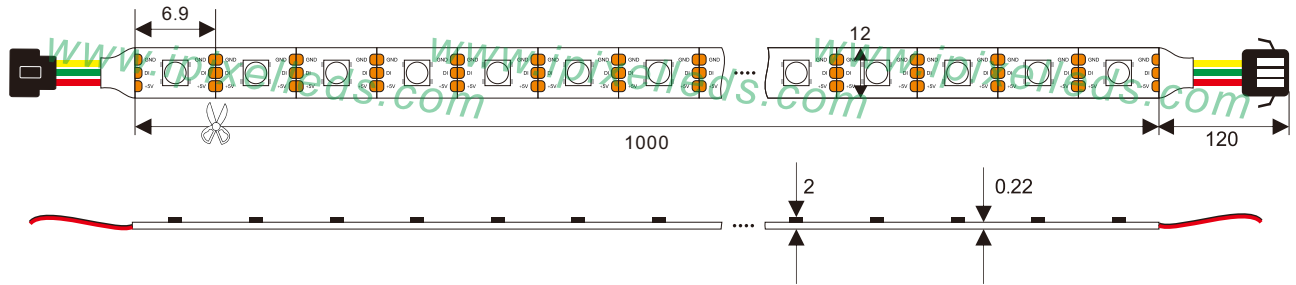
Silicone clip



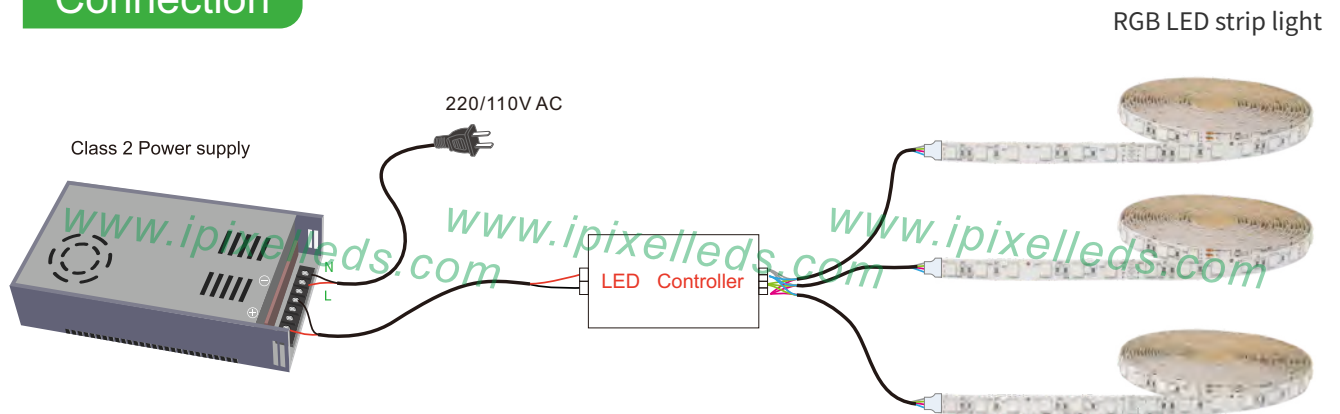
End cap



Outline Dimension (unit:mm)



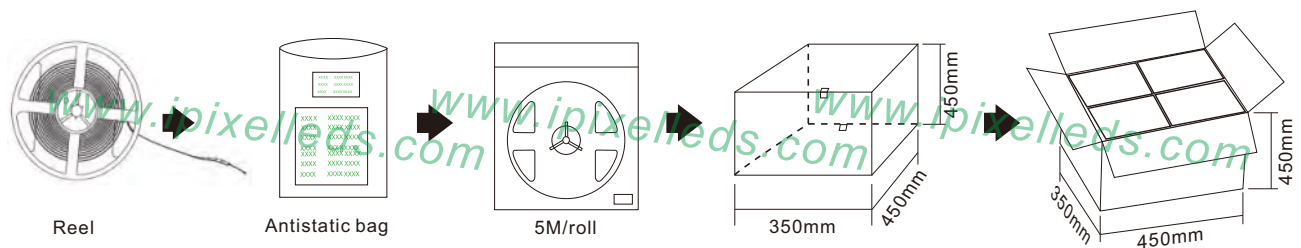
Connection



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 a long 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
S012144CA3SA2(IP20)	1M	240 Reels	L450xW350xH450mm	0.13kg
/				/
/				/
/				/
/				/
/				/

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