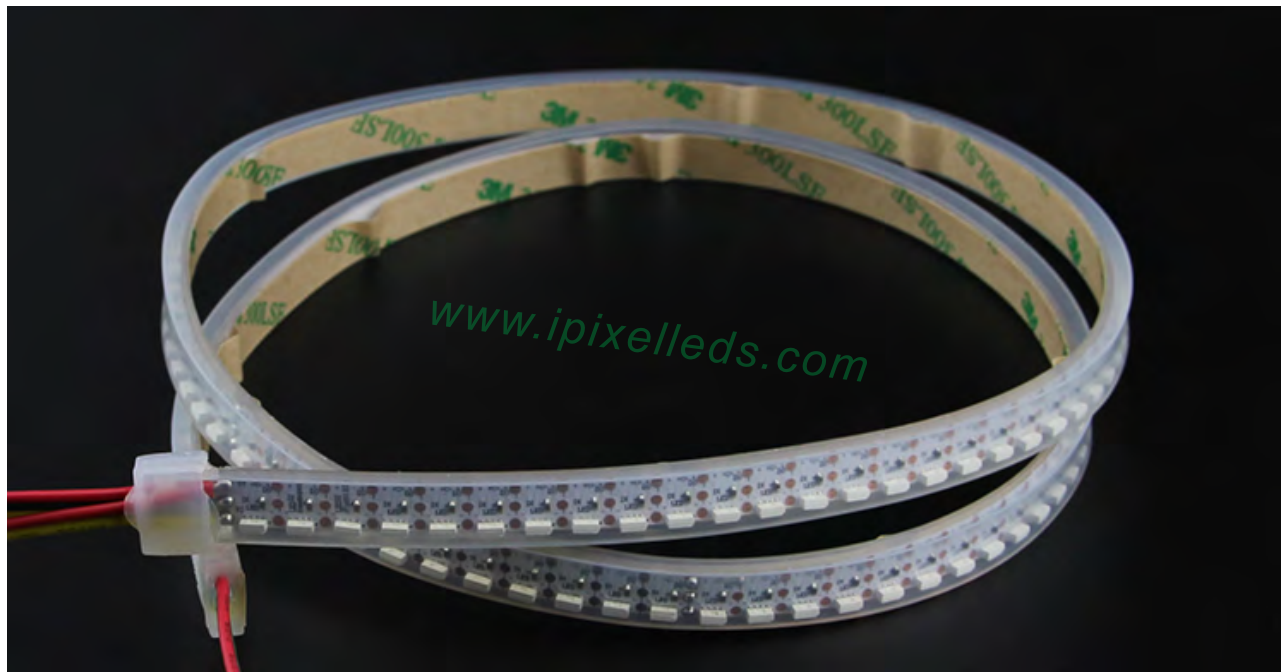




## Side emitting SK6812 RGB LED stripe



### Product Description

Side emitting addressable LED Strip with SMD4020

RGB LED chips 144Pixels/m, cut-able every 6.9mm

The PCB is 3 Ounce copper, 8mm width



PCB Color: White only, DC5V voltage, SPI signal

protocol 1 Meter per reel, Customized sizes are also

available 3Pin JST SM connector,

IP65 waterproof by silicon tube housing



## Product Datasheet

Product Number	S008144IA3SA1
Light Source	4020 RGB
Beam Angle	120°
LED Quantity	144 leds/m
Emitting Color	Full color
Luminance(MCD)	R:90000 G:132000 B:6000
Protocol	SK6812
Operating Voltage	DC5V
Power (W)	24W/M
Size (mm)	L 1000* W 8
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

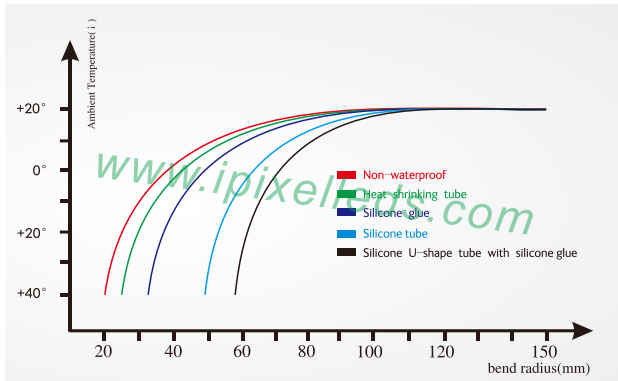
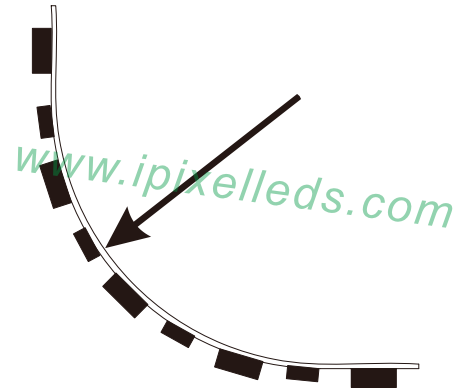
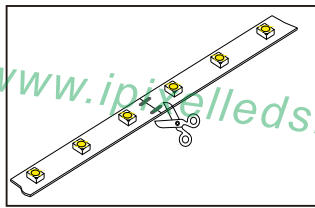


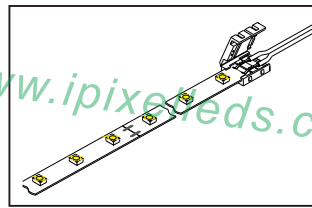
Diagram2: Bend Curve



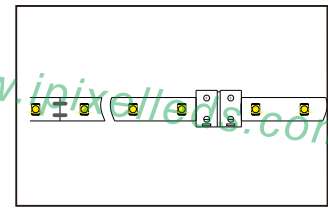
## Installation



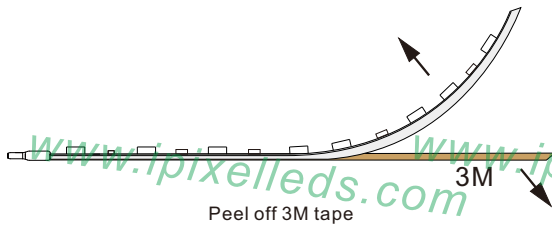
Cut in specific location



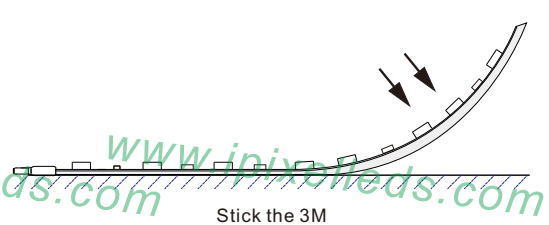
Put the PCB in the space between clip and connector, make the clips exactly aim at welding point



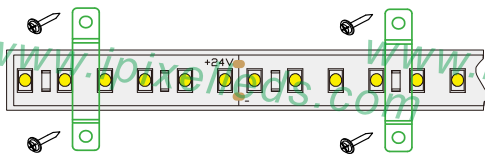
Close the cover of connector



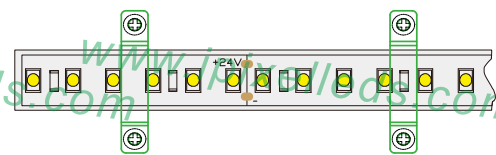
Peel off 3M tape



Stick the 3M



Install with clips



Fix with screws

## Accessories (Excluded)



Screws



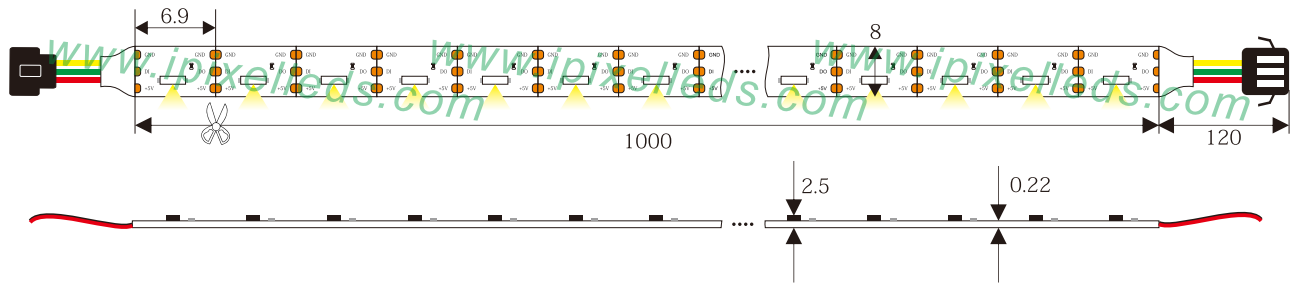
Silicone clip



End cap

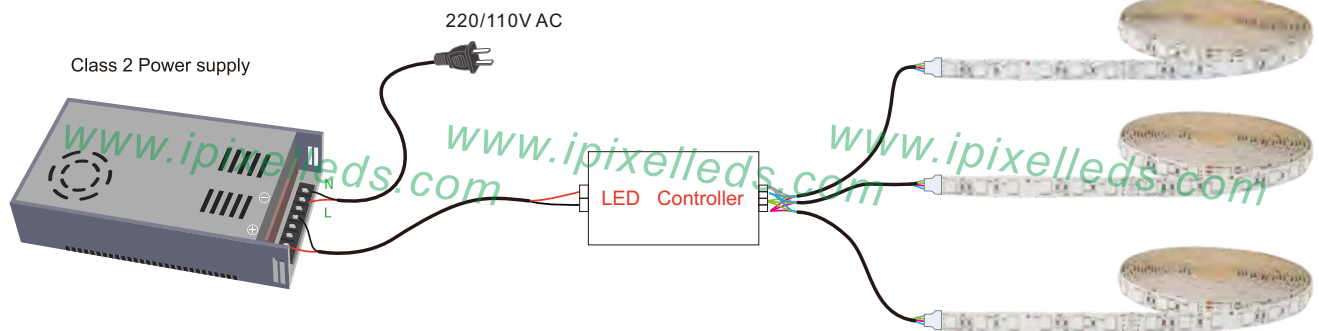


## Outline Dimension (unit:mm)



## Connection

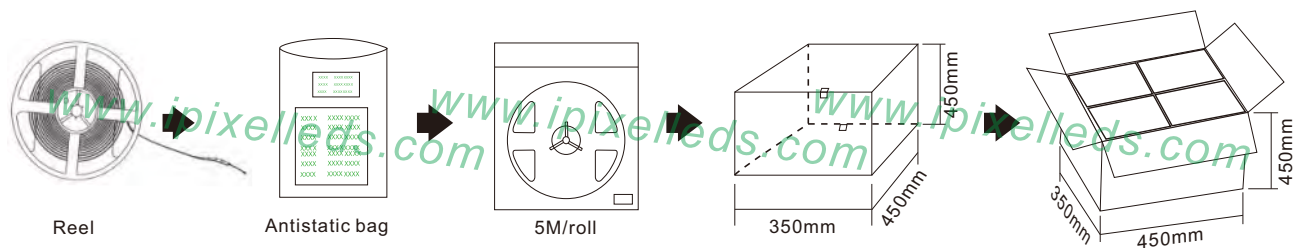
RGB LED strip light



### 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
S008144IA3SA1(IP20)	5M	240 Reels	L450xW350xH450mm	0.13kg
/				/
/				/
/				/
/				/
/				/

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [LED Lighting Bars and Strips](#) category:*

*Click to view products by [IPIXEL LED](#) manufacturer:*

Other Similar products are found below :

[ZLF0310W62524](#) [LF1D-F2F-2W-300](#) [00215258](#) [HH-SWW320F010W12-COB IP20](#) [HH-SWW320F010W24-COB IP20](#) [HH-SWW528F210W12-COB IP65](#) [HH-SG528F010W24-COB IP20](#) [LF2D-EN2F-2W-A](#) [10001622](#) [LFBHL-SW827-24V-8S63-20](#) [LFBHL-SW860-24V-8S63-20](#) [LFBHL-SW940-24V-8S63-20](#) [HH-SRGB60F010W24-5050M](#) [N006120BB1LZ \(BLUE\)](#) [N006120BB1LZ \(GREEN\)](#) [N006120BB1LZ \(RED\)](#) [N006120BC1LZ \(BLUE\)](#) [N006120BC1LZ \(GREEN\)](#) [N006120BC1LZ \(GOLDEN YELLOW\)](#) [N006120BC1LZ \(RED\)](#) [S010030CB3SB7](#) [S010030CB3SB7 \(BLACK PCB\)](#) [S010060CB1LZ \(NEUTRAL WHITE IP65\)](#) [S010060CB1LZ \(WARM WHITE IP65\)](#) [S010060CB3SB7](#) [S010060CC1LZ \(WARM WHITE IP65\)](#) [S012060CB4ST \(BLACK PCB\)](#) [2633830000](#) [HH-SX72F008W24-2835 CW WHITE PCB IP20](#) [HH-SX180F010W24 -2835 WW WHITE PCB IP20](#) [HH-SX72F008W24-2835 NW WHITE PCB IP20](#) [HH-SX144F008W24 -2835 NW WHITE PCB IP20](#) [HH-SX180F010W24 -2835 NW WHITE PCB IP20](#) [HH-SX144F008W24 -2835 CW WHITE PCB IP20](#) [HH-SX144F008W24 -2835 WW WHITE PCB IP20](#) [HH-SX180F010W24 -2835 CW WHITE PCB IP20](#) [N008120BB1LZ \(BLUE\)](#) [S010060CA3SA1](#) [SCS-120-CW](#) [00219015](#) [10001611](#) [10001612](#) [10001613](#) [10001617](#) [10001618](#) [10001619](#) [10001623](#) [10001655](#) [10001657](#) [10001664](#)