

SK6812 RGBW Addressable LED strip 5V 144LEDs/m



◆ Product Description:

SMD 5050 RGBW Addressable LED Strip

High density LED 144pcs/m, the IC built in the LED chip (individually controlled every LEDs).

The color(CCT) of White can be warm white, pure white and cold white

144Pixels per meter, cut-able every 6.9mm

The PCB is 2+2 Ounce copper for heat dissipation, DC5V voltage, SPI signal, 12mm width

White and Black PCB are available,

1 Meter per reel, Customized sizes are also available

3Pin JST SM connector, IP Rate: IP20, IP64, IP65



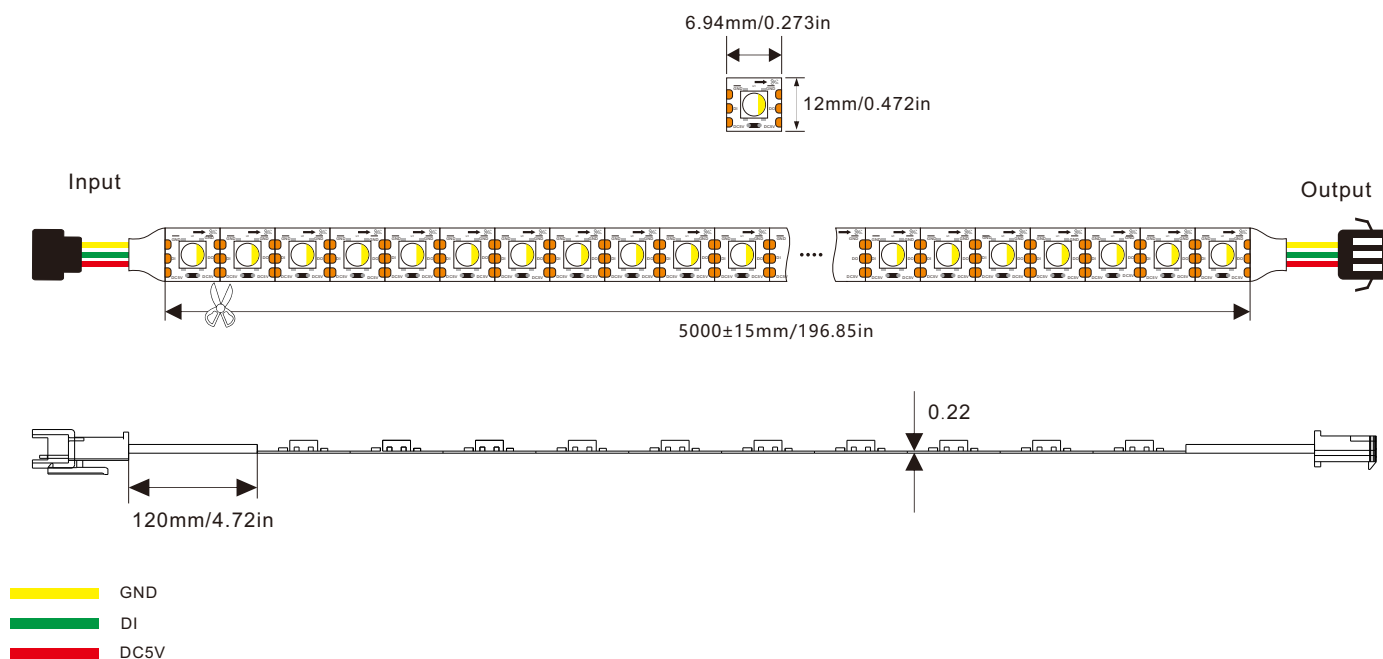
◆ Product Datasheet

Product Number	S012144CA4SA1
Operating Voltage	DC5V
Power/m	32W
SMD Type	SMD 5050
LED Qty/m	144
Cutting Length	6.94mm/1LED
Color	RGB+W: 3000K/4000K/6000K
Luminance/m	R:134 G:502 B:99 W:941lm
Wavelength	R:620-625 G:520-525 B:460-465nm
Ra	80
Pixel/M	144
Material	FPC
Control	SPI/SK6812
Beam Angle	120°
Size (mm)	1000x12mm
IP Rating	IP20
Operation Temperature	- 25 ~ 60°C

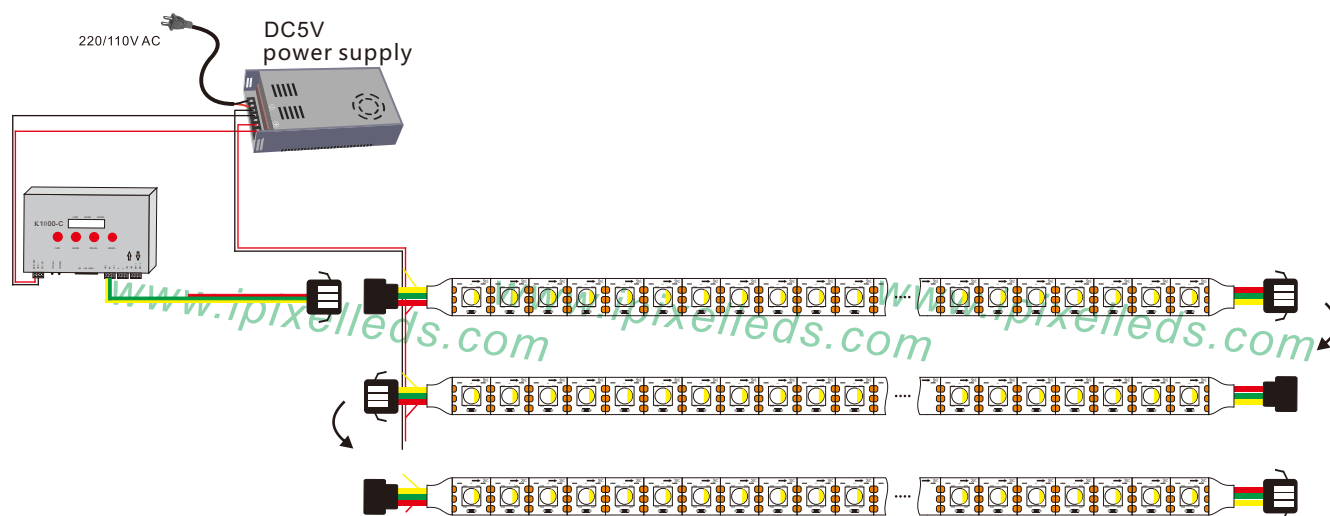
Remarks:

- 1.The above parameters were tested according to integrating sphere TM-30-15.
- 2.The output data is based on IP20 and one merter.
- 3.The data such as power etc, $\pm 15\%$ tolerance is normal.
- 4.IP protection process causes changes in size, CCT and luminous flux.

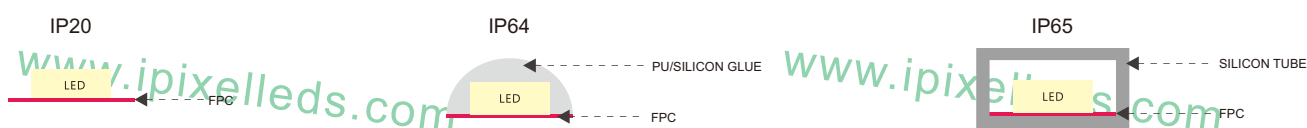
Outline Dimension (unit: mm)



Wiring diagram



IP Rating



◆ Related products:

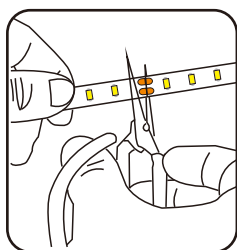


Power supply
LRS-350-12



SD card controller
K-1000C

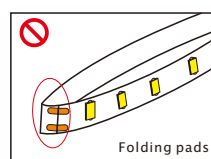
◆ Installation method:



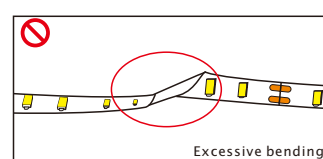
Can be cut



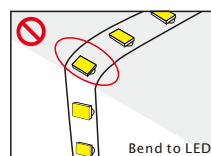
Tear off the 3M adhesive as need



Folding pads



Excessive bending



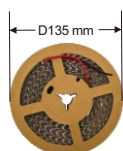
Bend to LED



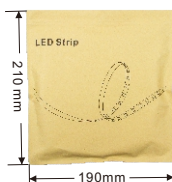
Reverse Strip

Distortion(Wrong)

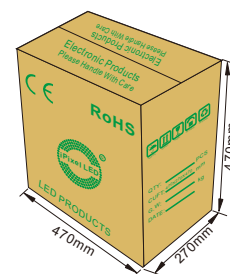
◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!