

SK6812 RGB Addressable LED Strip 5V 144LEDs/m



◆ Product Description:

High density Addressable LED Strip has 144 pixels per reel

Each single LED per unit can be cut, SPI signal protocol

The PCB is 2+2 Ounce copper for heat dissipation

White & Black PCB, DC5V voltage

1 Meter per reel, Customized sizes are also available

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



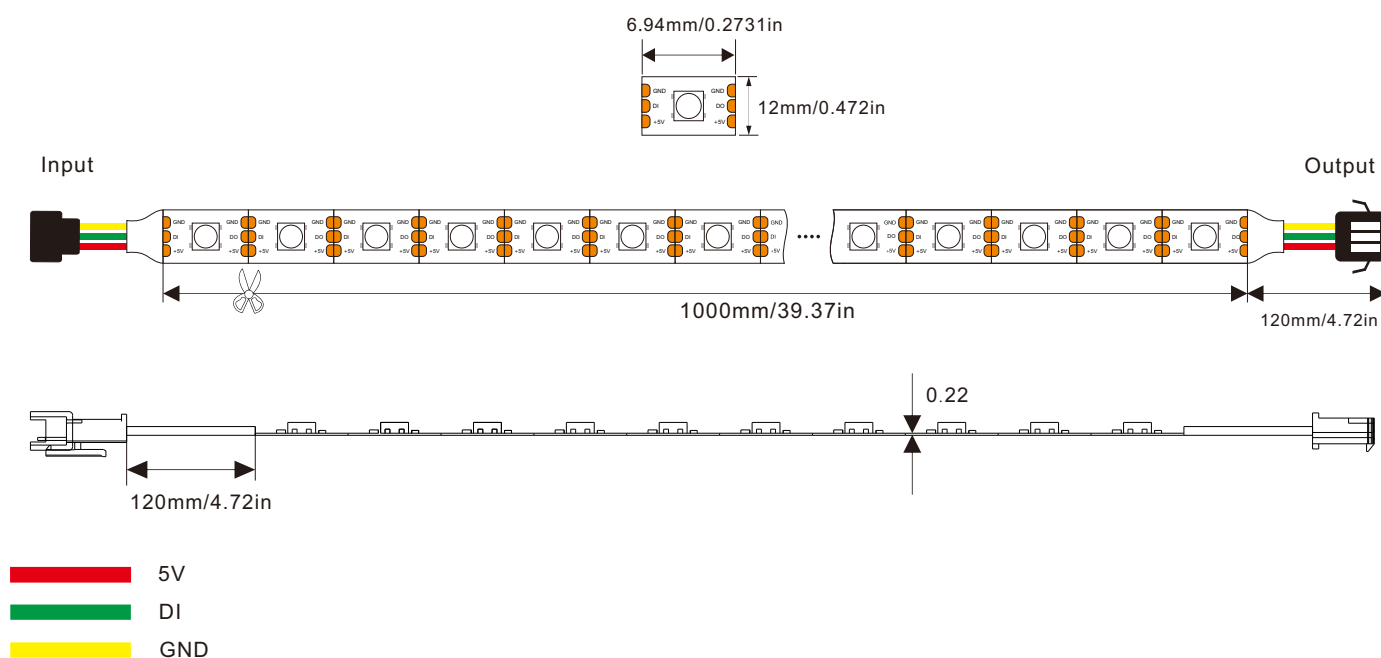
◆ Product Datasheet

Product Number	S012144CA3SA1
Operating Voltage	DC5V
Power/m	24W
SMD Type	SMD 5050
LED Qty/m	144
Cutting Length	6.94mm/1LED
Color	RGB
Luminance/m	R:153 G:442 B:100lm
Wavelength	R:615-630 G:520-535 B:450-460 nm
Control	SPI/SK6812
Pixel/M	144
Material	FPC
Beam Angle	120°
Size (mm)	5000x12mm
IP Rating	IP20/IP64/IP65
Operation Temperature	- 25 ~ 60℃

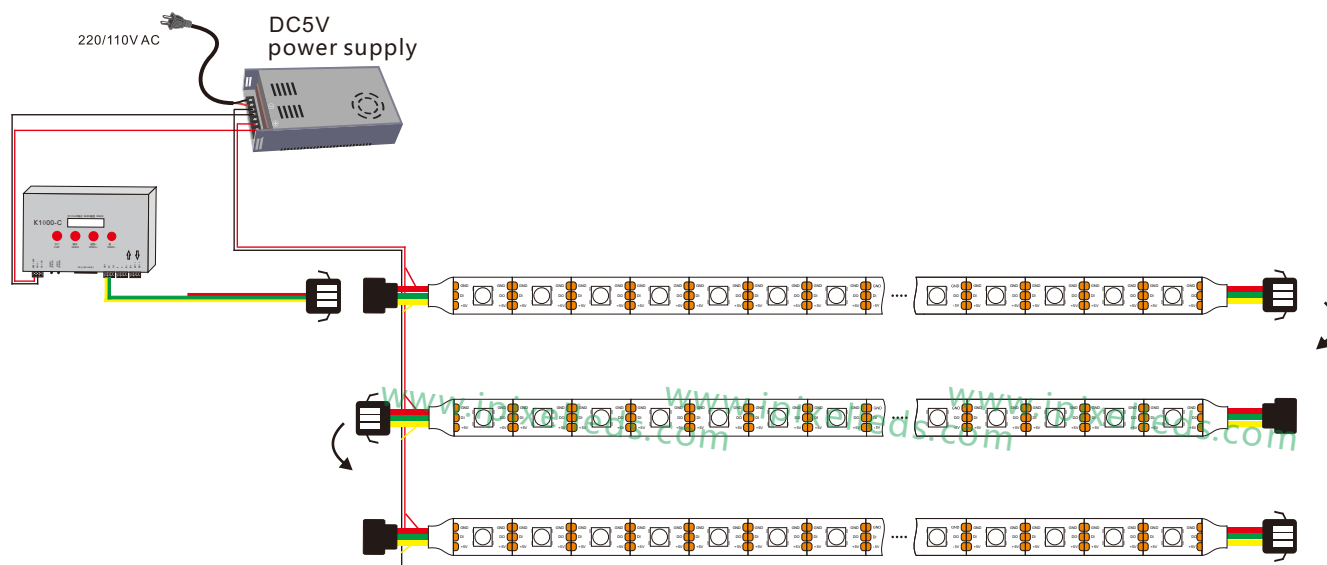
Remarks:

- 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:

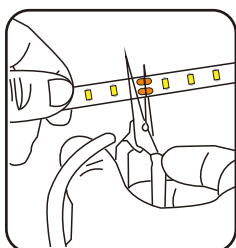


Power supply
LRS-350-12



SD card controller
K-1000C

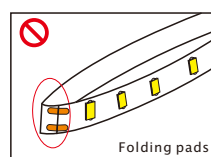
◆ Installation method:



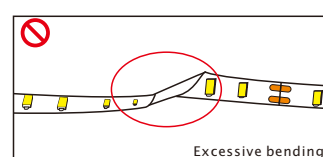
Can be cut



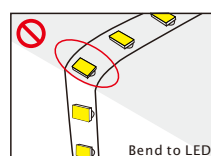
Tear off the 3M adhesive as need



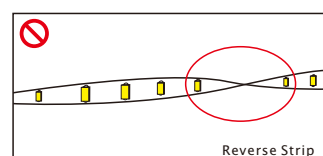
Folding pads



Excessive bending



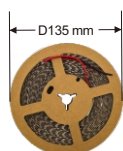
Bend to LED



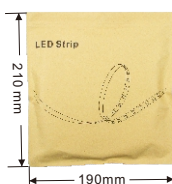
Reverse Strip

Distortion(Wrong)

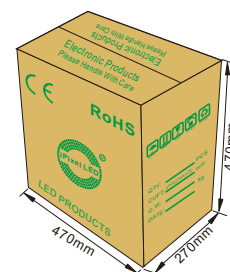
◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!