

Side emitting SK6812 RGB LED stripe

144LEDs/m DC12V



◆ Product Description:

Side emitting addressable LED strip with SMD4020 RGB LED chips

144pixels/m, cut-able every 6.94mm

The PCB is 3 Ounce copper, 8mm width

PCB Color: White only, DC12V voltage, SPI signal protocol 1 Meter per reel, customized sizes are also available 3Pin JST SM connector



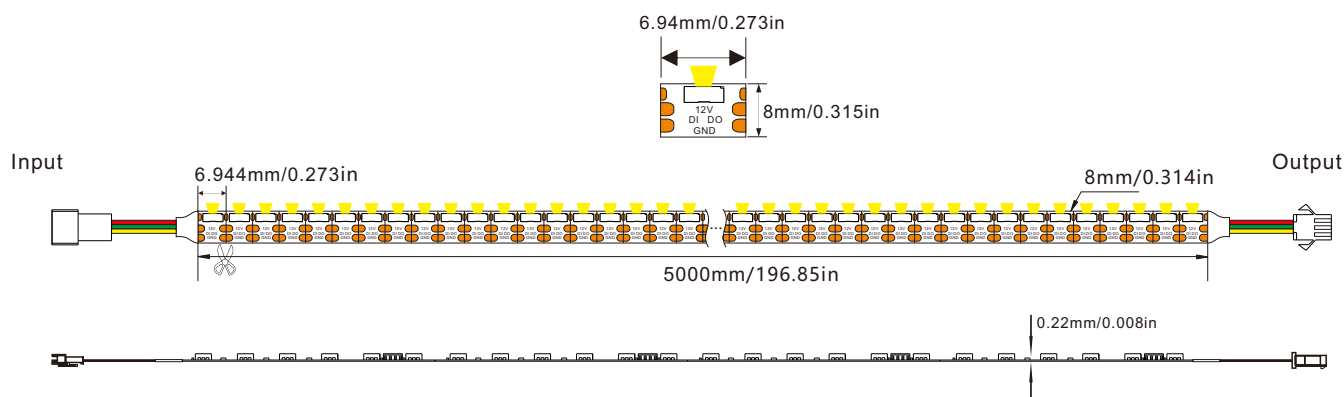
◆ Product Datasheet

Product Number	S008144IB3SA1
Operating Voltage	DC12V
Power/m	16W
SMD Type	SMD 4020
LED Qty/m	144
Cutting Length	6.94mm/1LED
Color	RGB
Luminance/m	R:95 G:313 B:77lm
Wavelength	R:615-630 G:520-535 B:450-460 nm
Control	SPI/SK6812
Pixel/M	144
Material	FPC
Beam Angle	120°
Size (mm)	5000x8mm
IP Rating	IP20/IP64/IP65
Operation Temperature	- 25 ~ 60°C

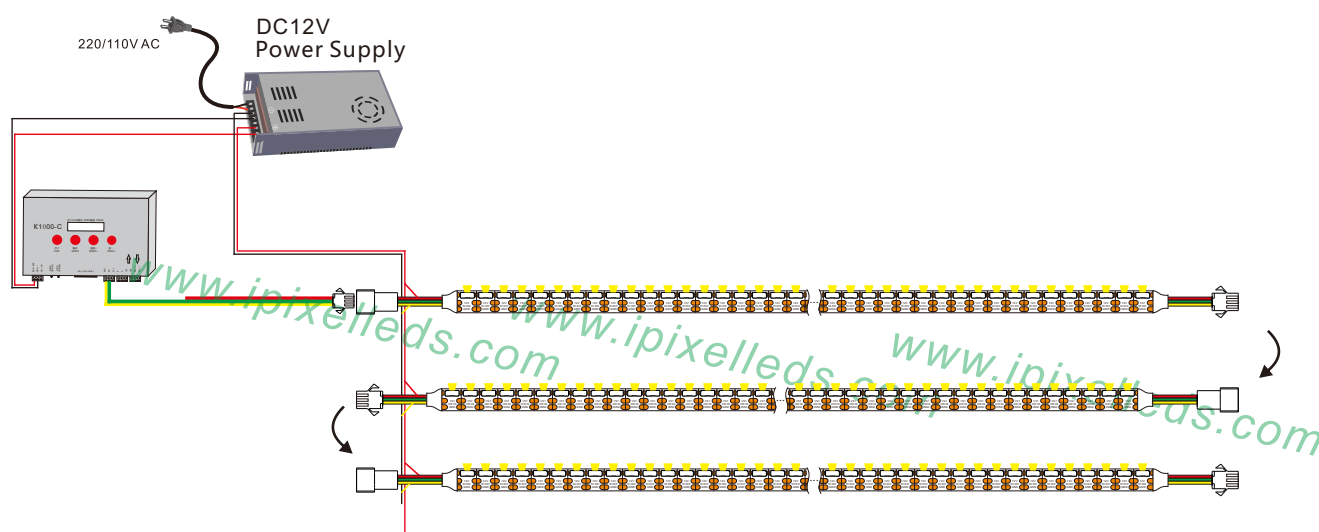
Remarks:

- 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.

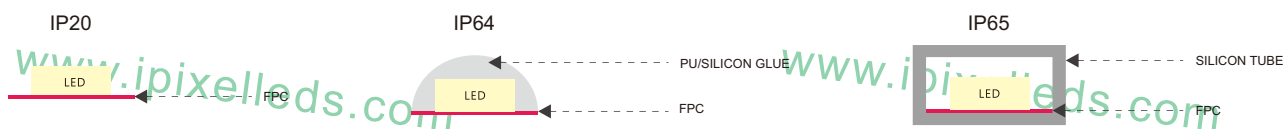
Outline Dimension (unit:mm)



Wiring diagram



IP Rating



◆ Related products:

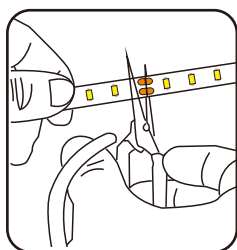


Power supply
LRS-350-12



LED Controller
K-1000C

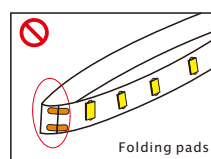
◆ Installation method:



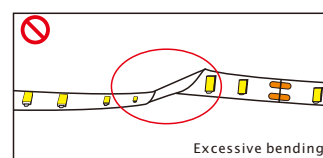
Can be cut



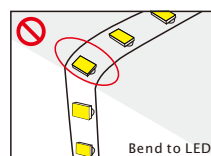
Tear off the 3M adhesive as need



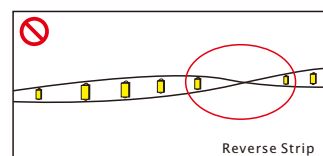
Folding pads



Excessive bending



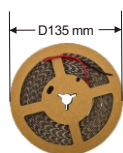
Bend to LED



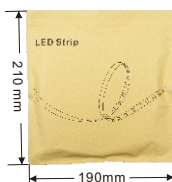
Reverse Strip

Distortion(Wrong)

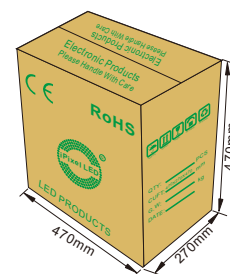
◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!