

Addressable RGB S Shape zigzag LED strip



◆ Product Description:

S shape(zigzag) addressable flex led strip

SMD5050 RGB 60LEDs/m, 5m in a reel,

and 3LEDs per section cut-able every 3 leds

The IC is SK6812, with addressable individually control

The biggest advantage is the S shape,

which can be bend at any Angle

Only available in IP20 non-waterproof version



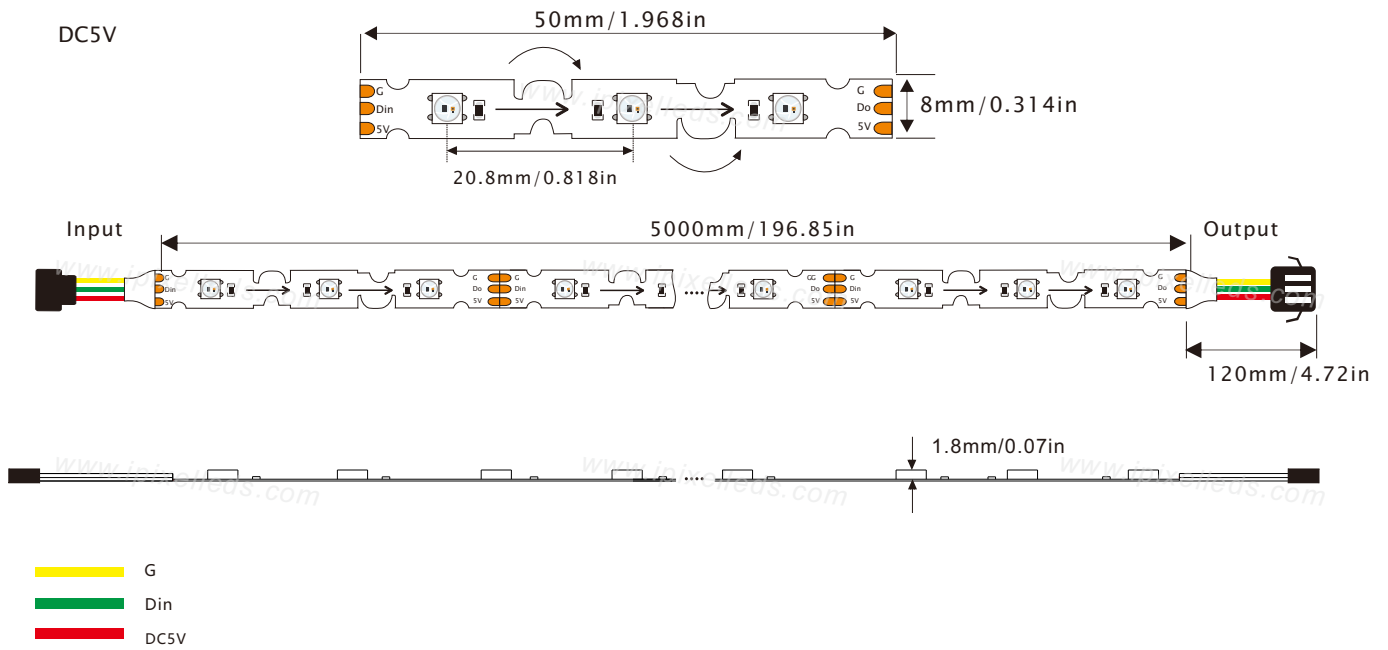
◆ Product Datasheet

Product Number	S005048CA3SA1(S)
Operating Voltage	DC5V
Power/m	12W
SMD Type	SMD 5050
LED Qty/m	48
Cutting Length	50mm / 3LED
Color	RGB
Luminance/m	R: 48lm G: 141lm B: 34lm
Wavelength	R: 615-630 G: 520-535 B: 450-460 nm
Control	SPI/SK6812
Material	FPC
Beam Angle	120°
Size (mm)	5000x8mm
IP Rate	IP20
Operation Temperature	- 25 ~ 60°C

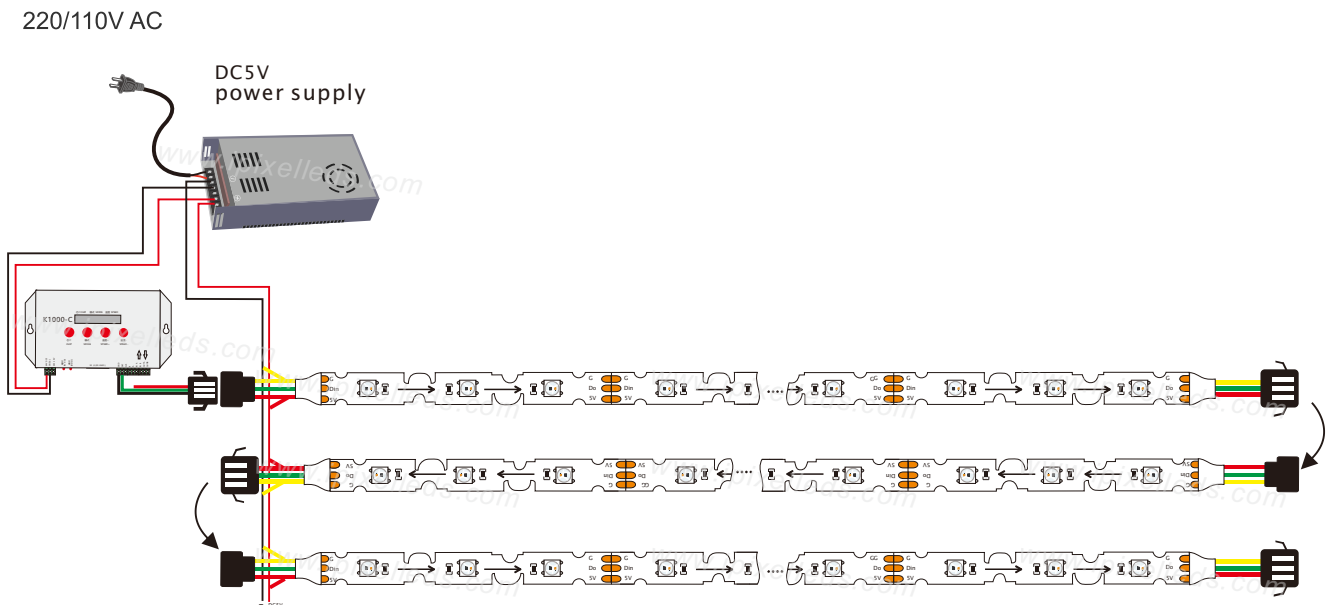
Remarks:

- 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.

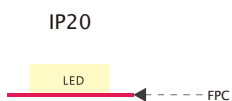
Outline Dimension (unit:mm)



Wiring diagram



IP Rate



◆ Order number

DC5V	RGB	White PCB	IP20	S005048CA3SA1(S)/C1
------	-----	-----------	------	---------------------

◆ Related products



Power supply
LRS-350-5

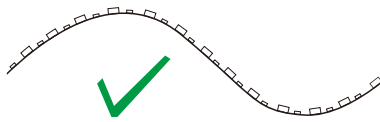


Alum profile
LL1813A

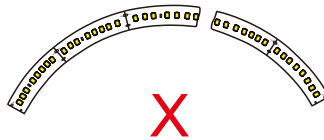


SD card controller
K-1000C

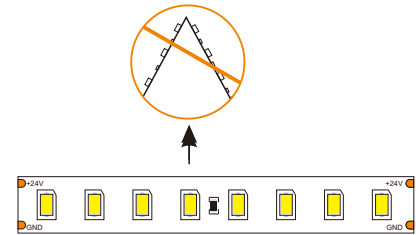
◆ Schematic diagram of maximum bending prevention



Correct bending method



Wrong way



Wrong method

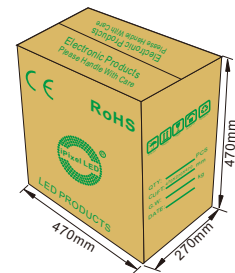
◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!

A1.24-02-19