2.7mm Super Narrow Addressable
RGB COB LED Strip

◆ **Product Description:**

-This is a COB LED strip,Super Narrow 160LEDs/m

-The chip mounted on FPC directly

-Input voltage is DC5V

-Flexible PCB, the FPCB color is white

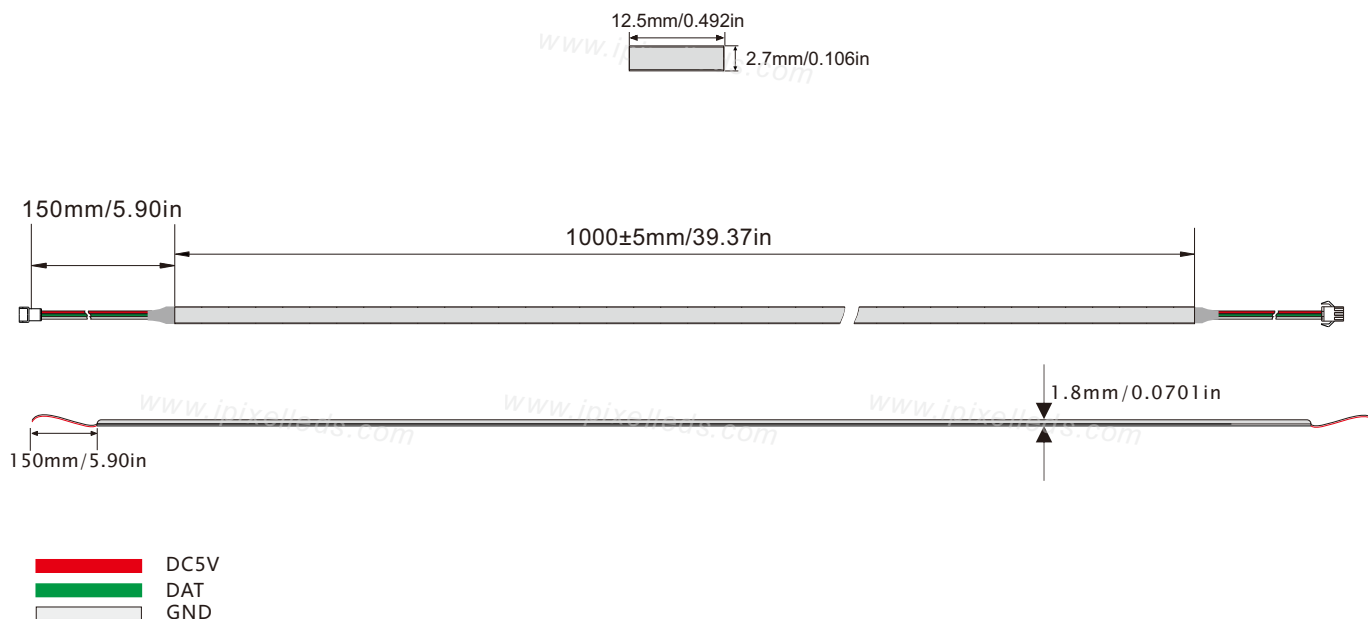-The FPCB width is 2.7mm

-Standard 1M/roll, length can be customized

UL LISTED c us E509505   CE   CB Scheme   ROHS   REACH NPS

◆ **Product Datasheet**

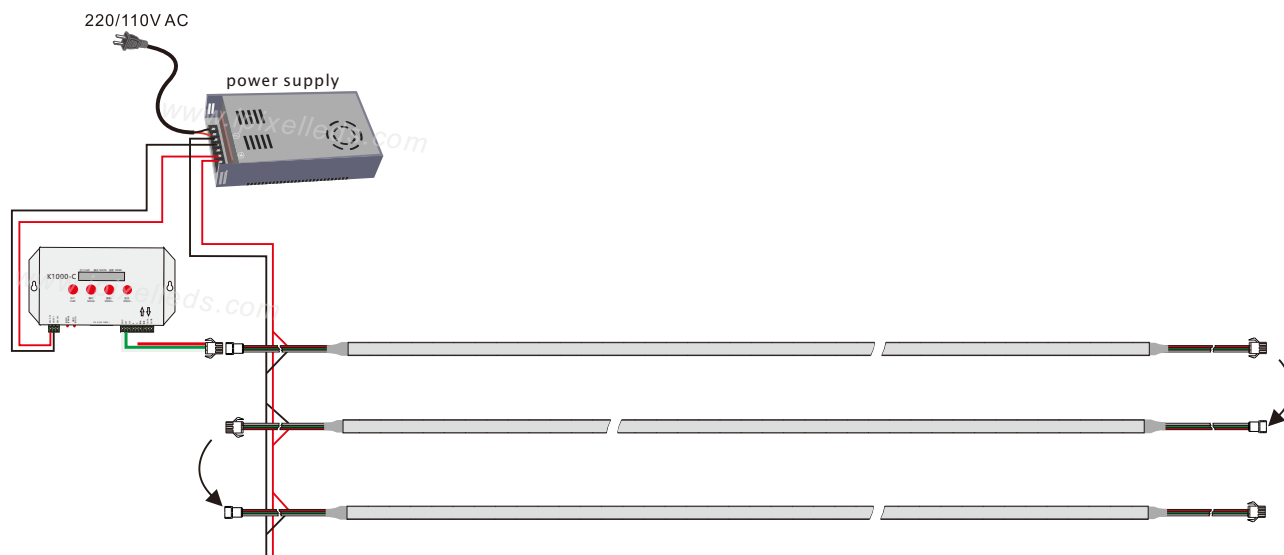| Product Number	S003160ZA3SF
Operating Voltage	DC5V
Power/m	10W
SMD Type	COB
LED Qty/m	160
Cutting Length	12.5mm
Color	RGB
Pixel/m	160
Luminance/m	R:50 G:110 B:30lm
Control	SPI-WS2811
Wavelength	R:615-630 G:520-535 B:450-460 nm
Beam Angle	180°
Size (mm)	1000x2.7mm
IP Rating	IP20
Operation Temperature	- 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, ±15% tolerance is normal.

4.IP protection process causes changes in size, CCT and luminous flux.

◆ Outline Dimension (unit: mm)

12.5mm/0.492in

2.7mm/0.106in

150mm/5.90in

1000±5mm/39.37in

1.8mm/0.0701in

150mm/5.90in

DC5V
DAT
GND

◆ Wiring diagram

220/110V AC

power supply

K1000-C

◆ IP Rating

IP20

LED

FPC

**iPixel LED**

◆ Related products

Power supply
LRS-350

K-1000C

◆ Schematic diagram of maximum bending prevention

Self adhensive tape

Wrong

Self adhensive tape
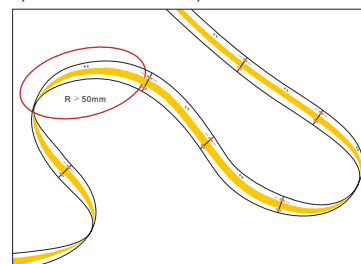
Right
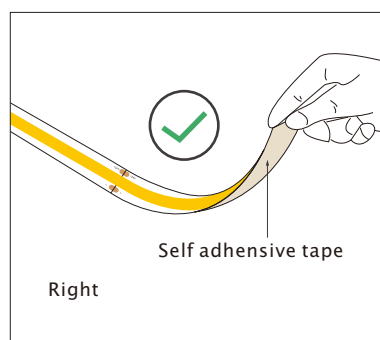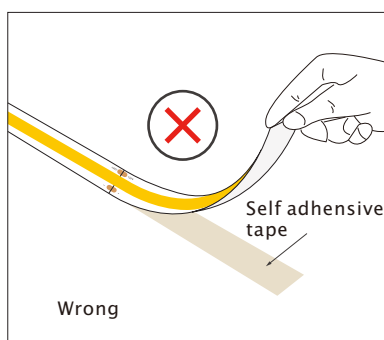
If the led strip needs to be torn up,please make sure that the self adhensive tape is torn with the led strip,otherwise the led strip will be damaged

When install the led strip,please note the installation technique.The led strip can be bent, but not distorted,as shown below.

Distortion(Wrong)

R > 50mm
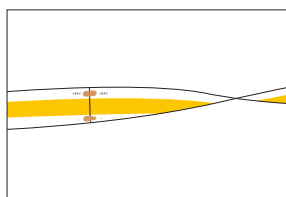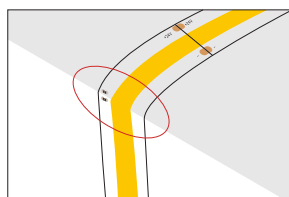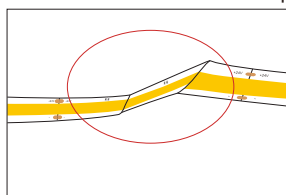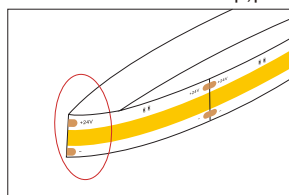
Bend(Right)

This LED strip is low votage version, you must use power supply transformer. Please don't connect the led strip directly to AC110V or AC220V, otherwise it will burn out the LED strips.

Clean up the installation surface,it will ensure the reliability of the adhesive,The electricalconnection process must be operated by a professional person.

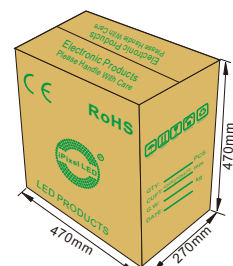## ◆ Product packaging

Reel

Antistatic bag

470mm

470mm

270mm

Note: The parameters are subject to change without notice!

A1.25-09-18