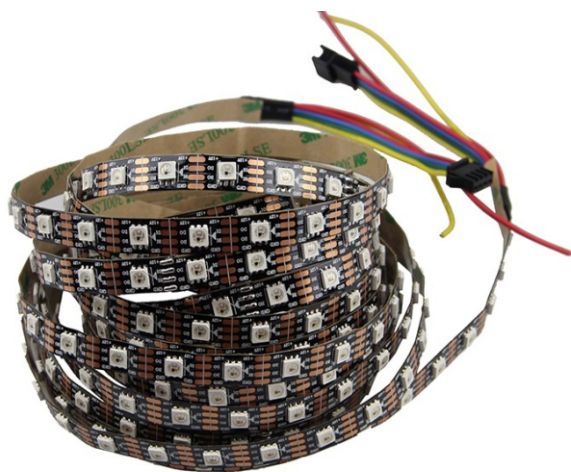# Dual Single RT1809 Addressable RGB LED Strip-60LEDs/m

◆ Product Description:

This is a new chip again from worldsemi family , based on WS2812B and WS2813

To solve the chip breakdown and Strip's Voltage drop , now we welcome RT1809

The Flex is 60Pixesl/ LEDs per meter, 5m in a roll

We provide black and white color board, PCB made by 3 ounce copper

The PCB printed +12V DI ,BI, GND, both DI and BI means signal but it's only required to link the DI cable to your controller

3M tape attached on backside of strip

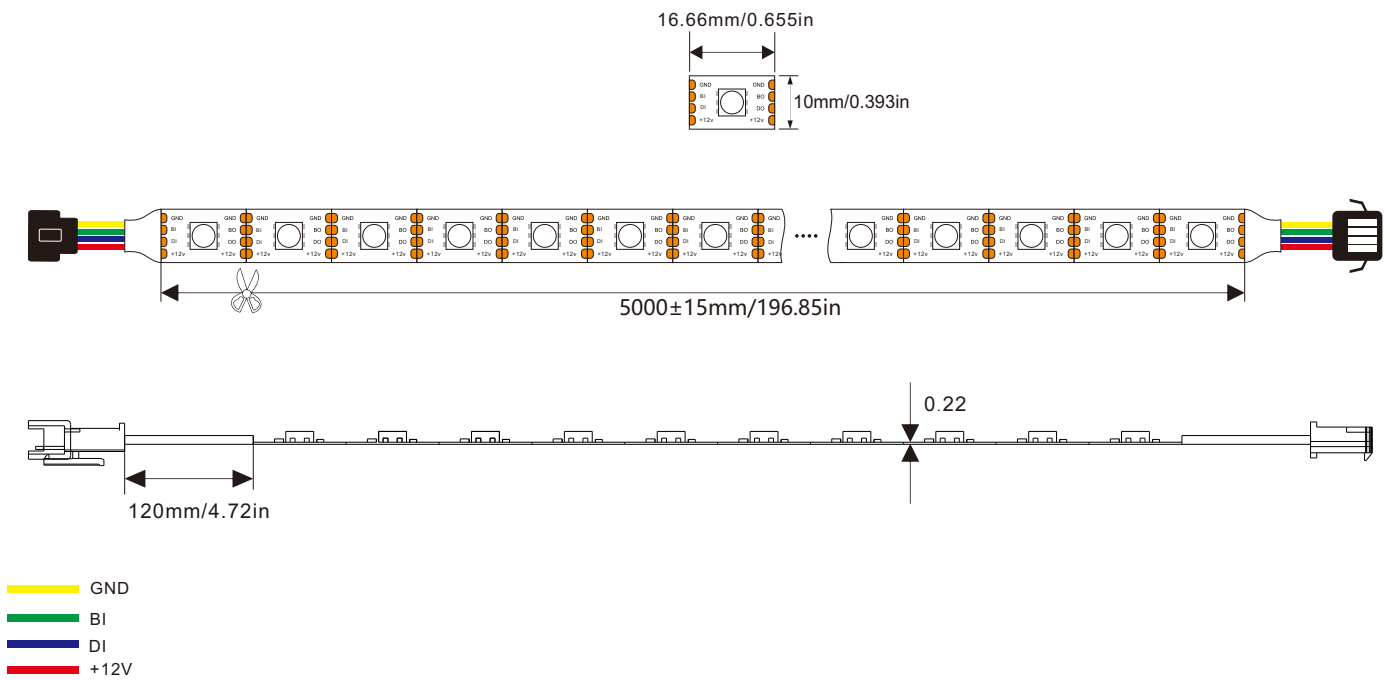Again we suggested you power it every 5 meters even it's 12V addressable

◆ Product Datasheet

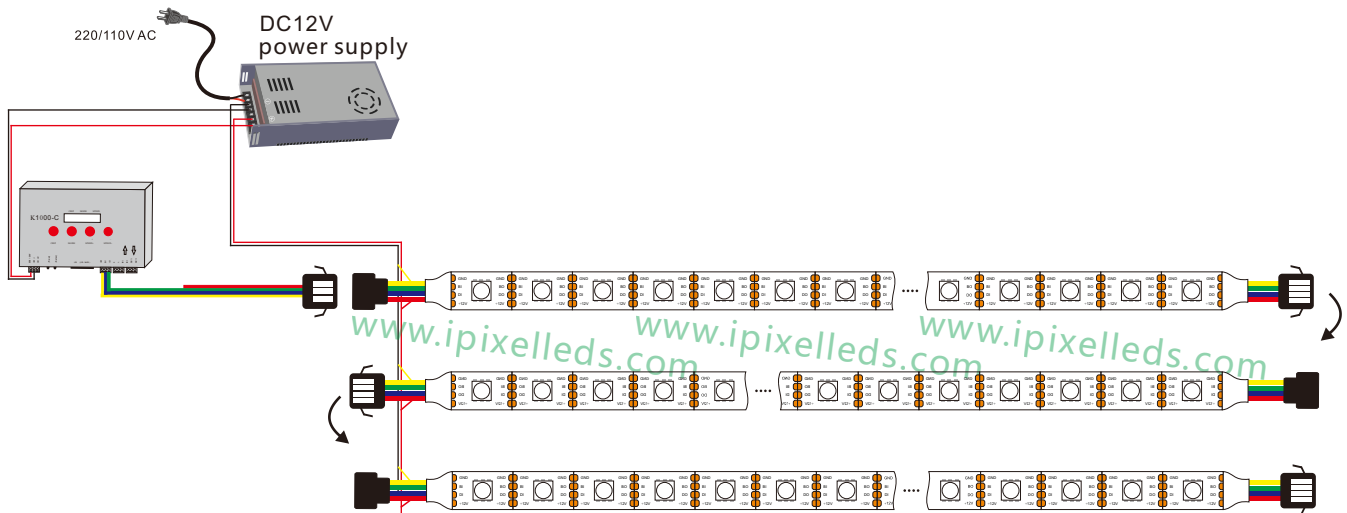| Product Number	S010060CB3SD2
Operating Voltage	DC12V
Power/m	9W
SMD Type	SMD 5050
LED Qty/m	60
Cutting Length	16.66mm/1LED
Color	RGB
Luminance/m	R:37 G:138 B:40lm
Wavelength	R:615-630 G:520-535 B:450-460 nm
Control	SPI/RT1809
Pixel/M	60
Material	FPC
Beam Angle	120°
Size (mm)	5000x10mm
IP Rating	IP20/IP65
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, ±15% tolerance is normal.

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

iPixel LED Light Co ., Ltd

Add: Building A, Chezhan industrial park, Tianbao Rd, Shiyan Town, Baoan , Shenzhen China. 518108
Tel: 0086-755-85257290   Web: www.ipixelleds.com   E-mail: inquiry@ipixelleds.com

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LED flexible strip

◆ Outline Dimension (unit:mm)

16.66mm/0.655in

GND   GND
BO   BO
DI   DO
+12v   +12v

10mm/0.393in

5000±15mm/196.85in

120mm/4.72in

0.22

- GND
- BI
- DI
- +12V

◆ Wiring diagram

220/110V AC

DC12V power supply

K1000-C

www.ipixelleds.com

◆ IP Rating

IP20

LED
FPC

IP65

SILICON TUBE
LED
FPC

www.ipixelleds.com

Note: The parameters are subject to change without notice!

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P2

◆ Related products :
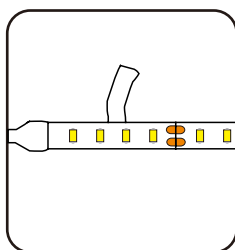
Power supply
LRS-350-12
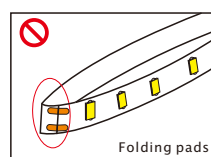
SD card controller
K-1000C

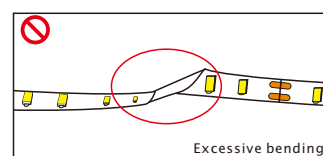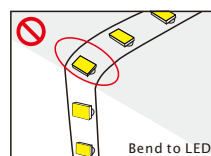## ◆ Installation method :
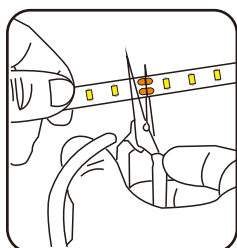
Can be cut
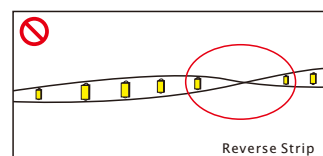
Tear off the 3M adhesive as need
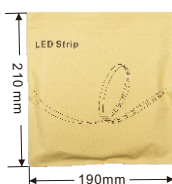
Folding pads

Excessive bending

Bend to LED

Reverse Strip

Distortion(Wrong)

◆ Product packaging

D135 mm

Reel

210 mm

190mm

LED Strip

Antistatic bag

470mm

470mm

270mm

RoHS

Note: The parameters are subject to change without notice!

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