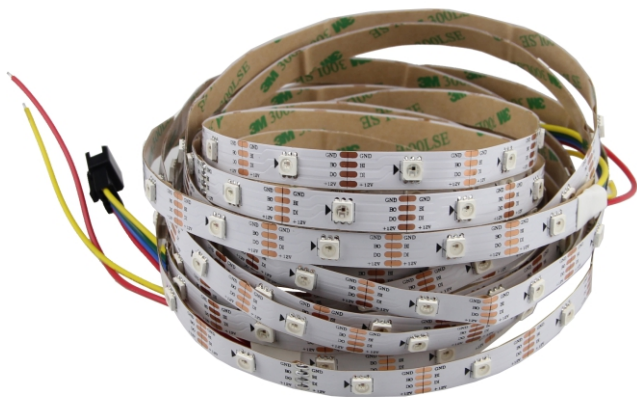


RT1809 RGB 12V Addressable LED strip 30LEDs/m



◆ 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 30pixels/ LED per meter, and 5m in a roll
It's cut-able per unit LED with a large soldering Pad which makes easy to re-solder again

This PCB made by 3Ounce copper for more reliable application

3M tape attached on backside of strip

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



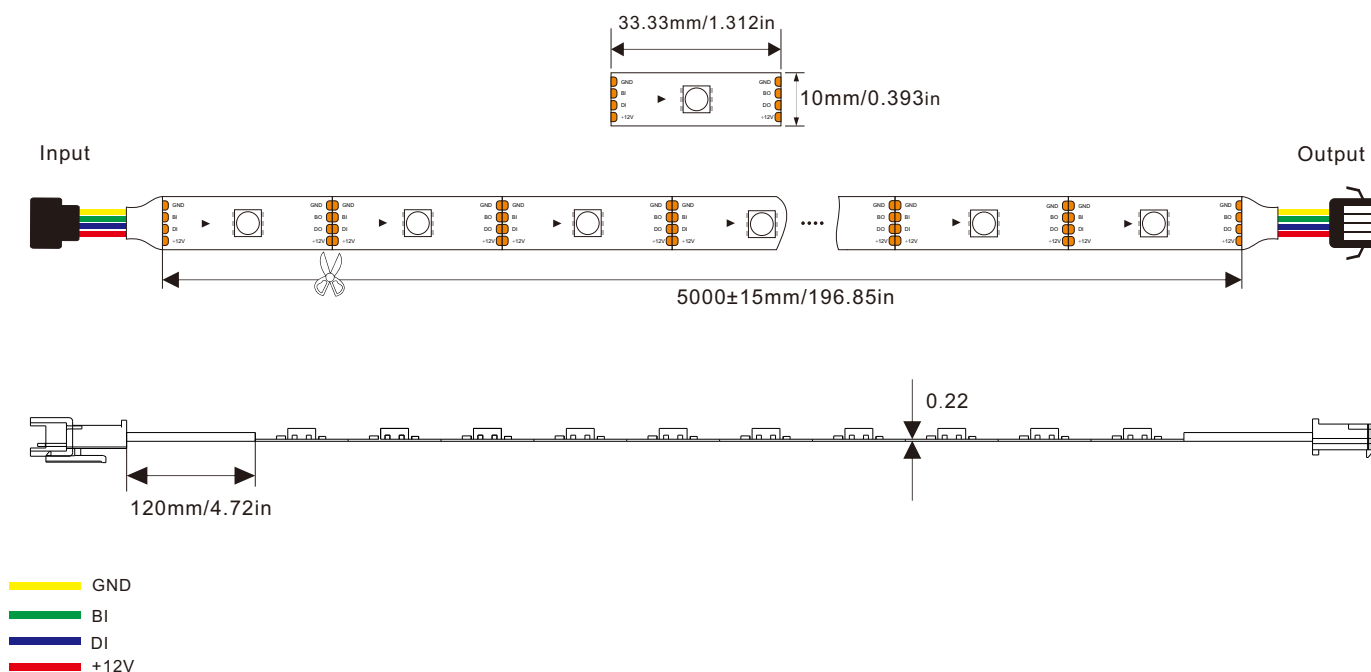
◆ Product Datasheet

Product Number	S010030CB3SD2
Operating Voltage	DC12V
Power/m	4.5W
SMD Type	SMD 5050
LED Qty/m	30
Cutting Length	33.33mm/1LED
Color	RGB
Luminance/m	R:29 G:110 B:29lm
Wavelength	R:615-630 G:520-535 B:450-460 nm
Control	SPI/RT1809
Pixel/M	30
Material	FPC
Beam Angle	120°
Size (mm)	5000x10mm
IP Rating	IP20/IP65
Operation Temperature	- 25 ~ 60°C

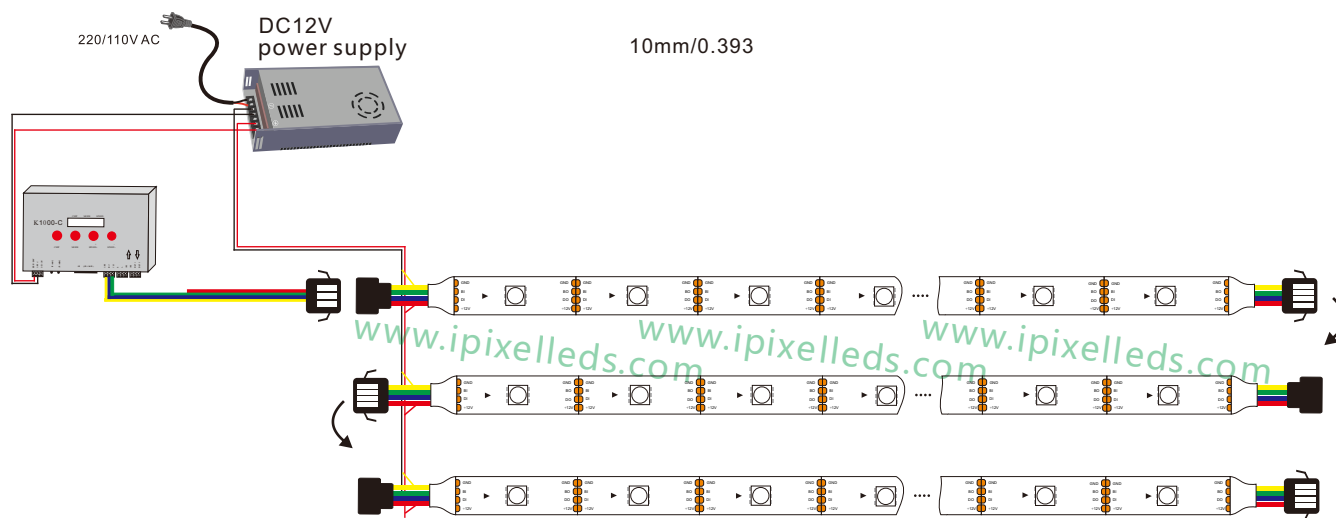
Remarks:

- 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:

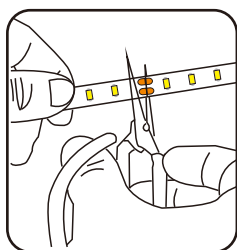


Power supply
LRS-350-12



SD card controller
K-1000C

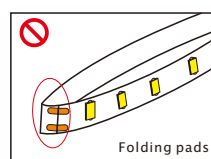
◆ Installation method:



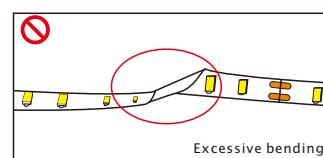
Can be cut



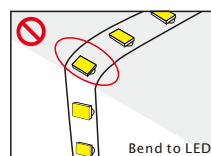
Tear off the 3M adhesive as need



Folding pads



Excessive bending



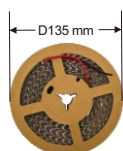
Bend to LED



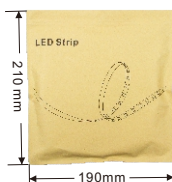
Reverse Strip

Distortion(Wrong)

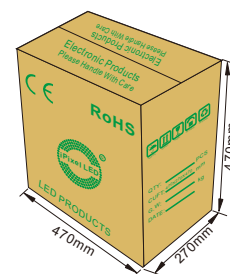
◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!