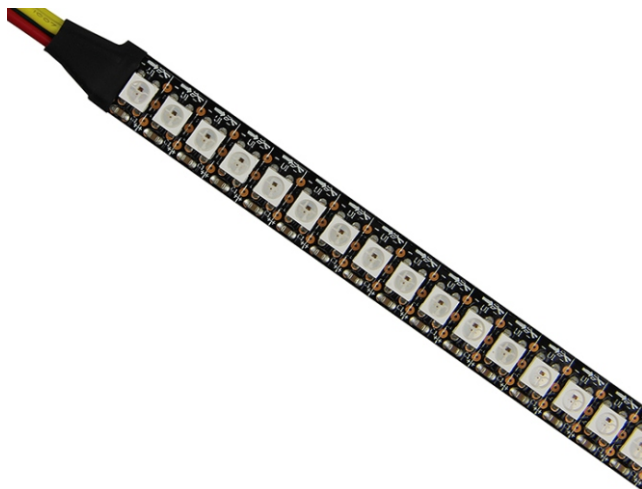


Dual Signal RT1809 RGB Addressable LED strip DC12V 144LEDs/M



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 144Pixels/ LEDs per meter, and 1m in a roll
We provide black and white color PCB

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

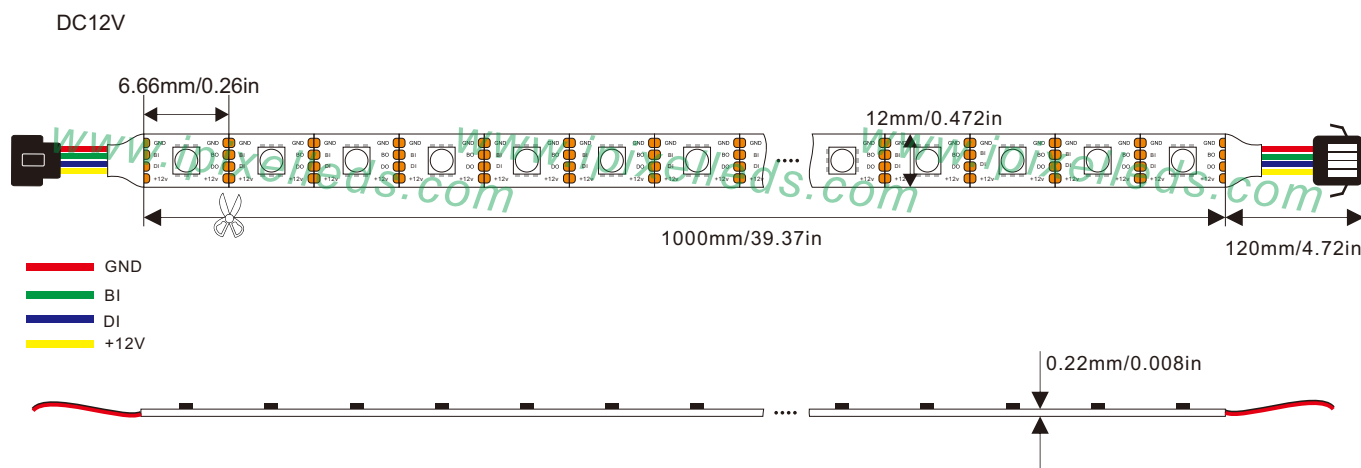
This PCB made by 3Ounce copper for more reliable application

Again we suggested you power it every 1 meters even it's 12V addressable

Product Datasheet

Product Number	S012144CB3SD2	Luminance/M	R:88 G:350 B:84lm
Operating Voltage	DC12V	Ra	/
Power/M	19W	Beam Angle	120°
SMD Type	SMD 5050	Size (mm)	1000 * 12mm
LED Qty/M	144	IP Rate	IP20/IP65
Color	RGB	Operation Temperature	- 25 ~ 60 °C
Pixel/M	144	Material	FPC
Control	SPI-RT1809	Cutting Length	6.66mm
Wavelength	R:620-625 G:520-525 B:460-465nm	Net Weight/Roll	0.13KG

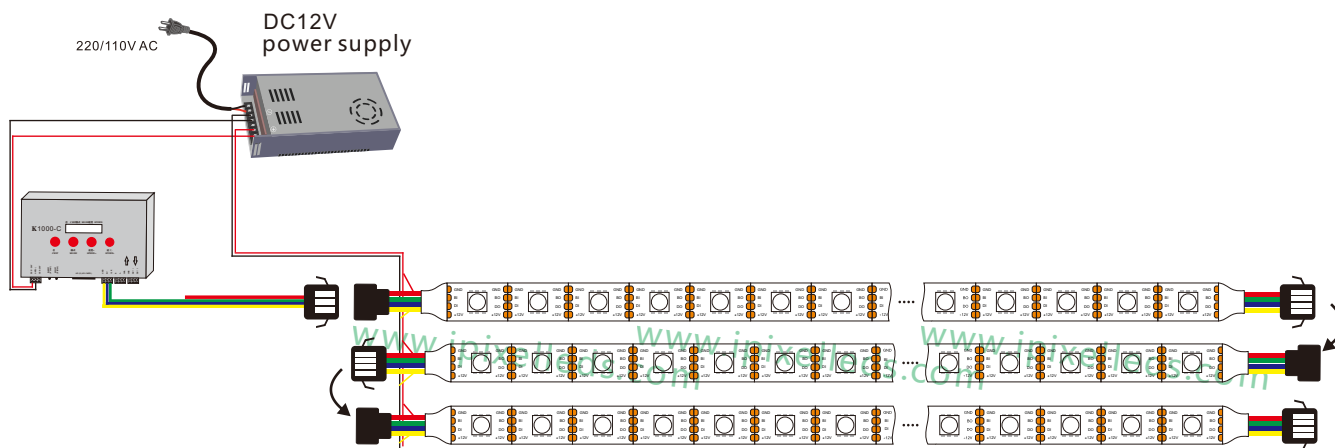
Outline Dimension (unit: mm)



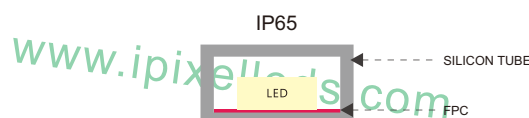
Order number

DC12V	RGB	White PCB	IP20	S012144CB3SD2/C1
DC12V	RGB	Black PCB	IP20	S012144CB3SD2/C2
DC12V	RGB	White PCB	IP65	S012144CB3SD2/C3
DC12V	RGB	Black PCB	IP65	S012144CB3SD2/C4

Wiring diagram



Strip IP Rate



Accessories



Screw

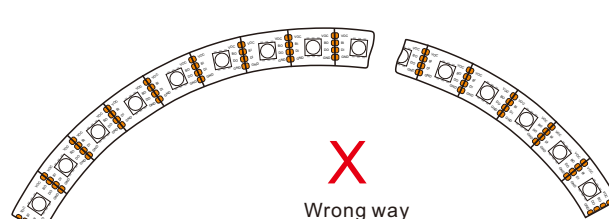
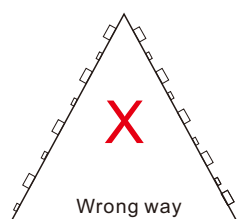
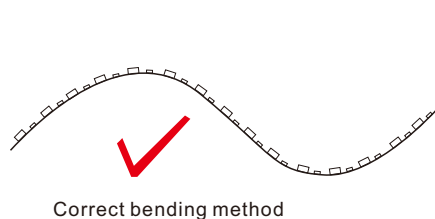


Silicone clip



End cap

Schematic diagram of maximum bending prevention



Note: The parameters are subject to change without notice!