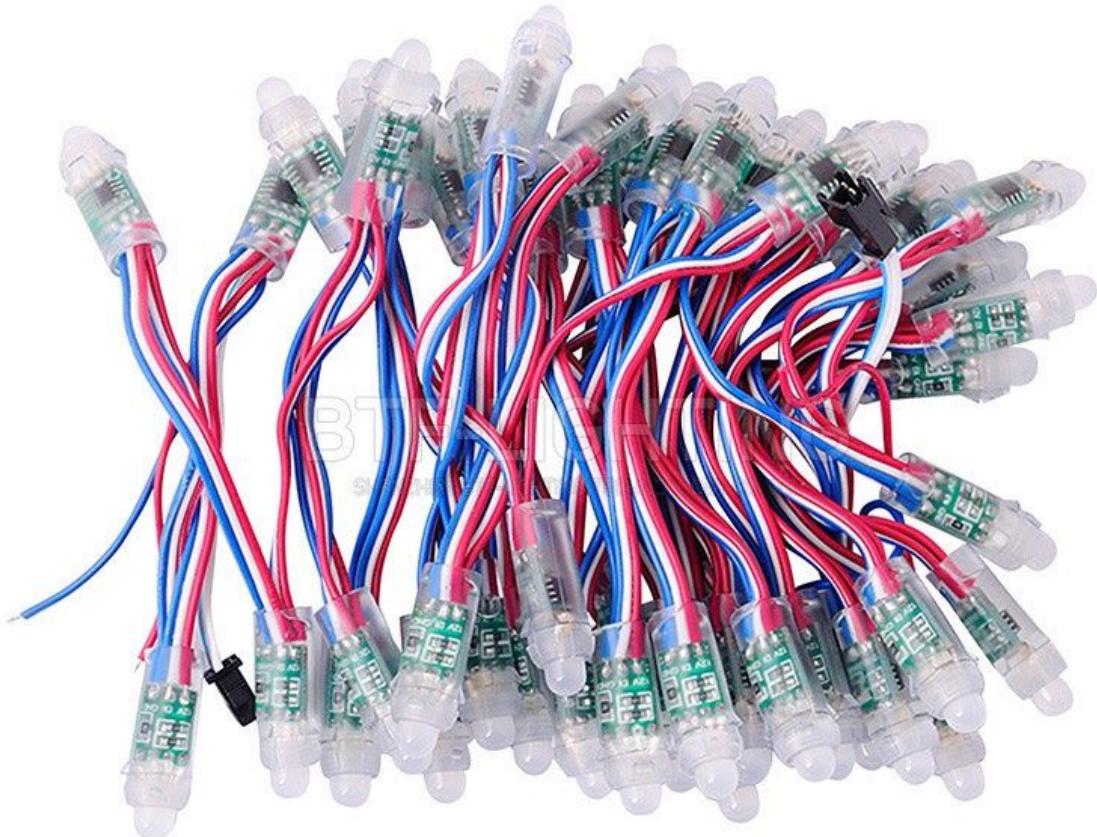


WS2811 DC 5V 12mm IP68 waterproof LED string.



50pcs pixels module per string.

Description:

- Working voltage: DC5V /DC12V
- Working current: 60ma
- Working consumption: 0.3W/Led
- Working temperature: 40°C- 60 °C
- IP grade: IP68 Waterproof
- IC type: WS2811 IC
- Lifespan: MTBF>50000h
- Viewing angle: >= 120
- Wire color : Red White Blue Wire

Full color Pixels are digitally-controllable lights you can set to any color, or animate each RGB LED and controller chip is molded into a 'dot' of silicone.

The dots are waterproof and rugged.

There are four flanges molded in so that you can 'push' them into a 12mm drill hole in any material up to 1.5mm/0.06" thick.

They are typically used to make outdoor signs. Compared to our other 20mm LED dots these are diffused 8mm LEDs so they are not as bright but they color mix a little nicer.

The pixels are connected by a 3-conductor cable. Red is +5V(or +12V), Blue is Ground, White is Data and data is shifted down from one pixel to the next so that you can easily cut the strand or attach more onto the end.

Each dot is digitally controlled, with an internal 5-bit PWM LED driver (15-bit color for 32,768 different shades). The pixels must be clocked by a microcontroller

The pixels use 8mm diffused RGB LEDs with brightness of about 300 mcd per individual r/g/b LED.

