

I. Product Description

- Every LED works as an individual pixel, it can achieve effects of Full Color Water Running, Chasing and Scanning, which thanks to its high brightness.
- This LED strip could only be linked up to 3 meters, more than 3 meters is strictly prohibited.
- The diameter of the power wires should be based on the actual maximum current, power, and its cabling length (no more than 3 meters), and the voltage of transmission line.
- Widely applied to hotel, KTV entertainment place for interior decorative lighting, etc.

II. Physical parameters

Working Voltage: DC5V

LED resource: WS2813 LED (**Signal Break-point Continuous Transmission**)

LED Type: SMD5050 RGB **LED Quantity:** 90LEDs/Meter

Working Current: 0.06A/Cut; 5.4A/Meter

Width: 10mm **Length:** 3 Meters per Reel

Max. Power: 27Watt/meter **Viewing Angle:** $\geq 140^{\circ}$

Circuit Board: Double FPCB **FPCB Color:** White/Black

Package: Anti-static plastic bag

Weight: 250g(Silicone Glue) 120g(Bare board) 235g(Silicone Tube)

IP Grade: IP20/IP60/IP65/IP68

Working Temperature: $-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Storage Temperature: $-50^{\circ}\text{C} \sim 80^{\circ}\text{C}$

Lifespan: 50000 Hours

Terminal connectors: 4PIN Connector

III. Glowing Effect



IV. Distribution wiring diagram

