

### 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:**  $-50^{\circ}\text{C} \sim 80^{\circ}\text{C}$

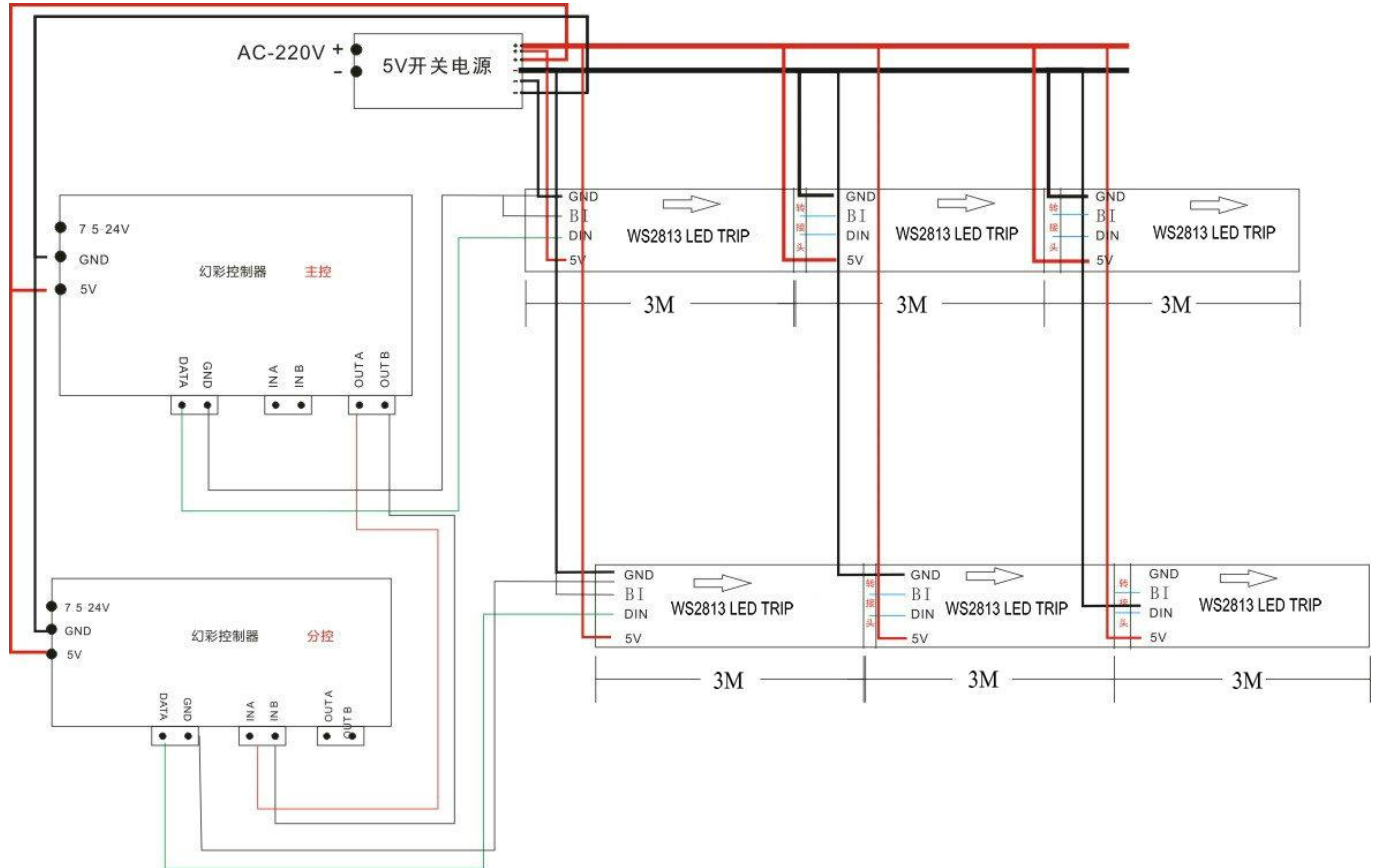
**Lifespan:** 50000 Hours

**Terminal connectors:** 4PIN Connector

### III. Glowing Effect



## IV. Distribution wiring diagram



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