



# HC-F5V-144L-144LED-WS2813 Specification

## 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 2 meters, more than 2 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 2 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:** 144LEDs/Meter

**Working Current:** 0.06A/Cut; 8.64A/Meter

**Width:** 12mm      **Length:** 2 Meters per Reel

**Max. Power:** 43.2Watt/meter      **Viewing angle:**  $\geq 140^\circ$

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

**Package:** Anti-static plastic bag

**Weight:** 120g(Silicone Glue)    60g(Bare board)    100g(Silicone Tube)

**IP Grade:** IP20/IP60/IP65/IP68

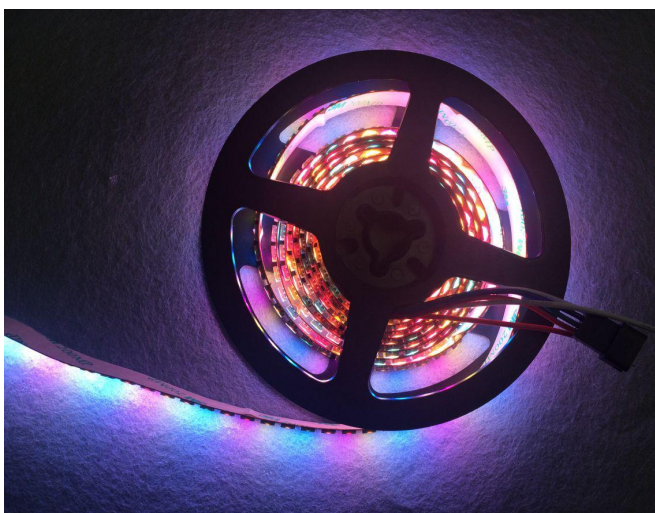
**Working Temperature:**  $-40^\circ\text{C} \sim 60^\circ\text{C}$

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

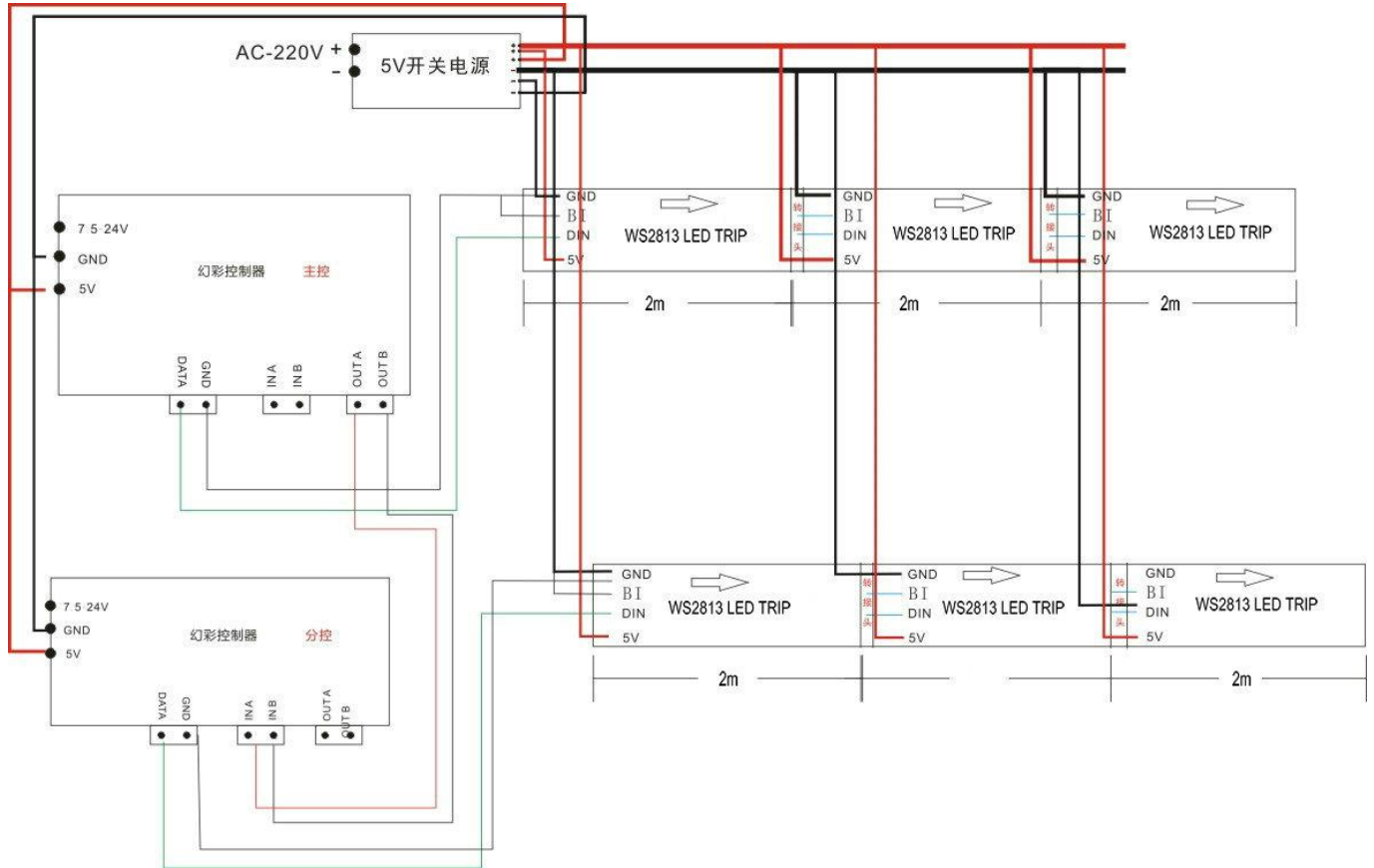
**Lifespan:** 50000 Hours

**Terminal connectors:** 4PIN Connector

## III. Glowing Effect



## IV. Distribution wiring diagram



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