



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

