



HC-F5V-30L-30LED-WS2813 Specification

I. Product Description

- Every LED works as an individual pixel, it can achieve effects of Full Color Water Running, Chasing and Scanning or any other full color changing patterns, which thanks to its high brightness.
- This LED strip could only be linked up to 10 meters, more than 10 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 10 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:** 30LEDs/Meter

Working Current: 0.06A/Cut ; 1.8A/Meter

Width: 10mm **Length:** 5 Meters per Reel

Max. Power: 9Watt/meter **Viewing angle:** $\geq 140^\circ$

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

Lumens: R60/G120/B59LM

Package: Anti-static plastic bag

Weight: 235g(Silicone Glue) 95g(Bare board) 195g(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

