



# HC-F24V-6L-36LED Specification

## I. Product Description

### ● Features

- Please note that these require a smart pixel controller - these will not work with dumb controllers!
- Smart / Pixel Strip
- Pixel protocol WS2821 (supported by DMX protocol directly, every major pixel controller)
- Viewing angle of 120 degrees
- Includes 4" leader/pig tail wires
- Available with either black or white PCB circuit board background

### ● Lights

- Total LEDs per Strip: 180 of 5mm x 5mm (5050) RGB LED Lights
- Total Individually Controllable Sections per Strip: 30 Sections/Pixels - each~6.7" in length, each contain 6 RGB LED lights per section
- Total DMX channels required: 30 DMX Channels (30 sections, each with three channels - Red, Green, Blue)

### ● Wiring colors

- See strip markings for wire color
- 24V = Positive 24v Power
- G=GND = Negative 24v Power
- DI = Data In
- ADI=Address In
- ~4" Lead In and Lead Out wires (three). Both lead in and out have plugs.
- Includes 4" leader that plugs into input side of strip

### ● Power

- 24v DC Input
- White (all three colors) Entire Roll: 1.8 amps / ~43.2 Watts  
Per meter: 0.36 amps / 8.64 Watts

### ● Packaging

- Each strip ships on a plastic reel, packed in a plastic, anti-static envelope.
- Wiring instructions are provided on the outside of the envelope.

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### II. Glowing Effect



### III. PCBA outlook & Typical application diagram

