

Product Type:HC-F24V-6L-36LED-W(WS2821)

PCBA outlook:



Finished Products Outlook:

II.LED STRIP-FULL COLOR WS2821 Series Strip									
NO.	ITEM NUMBER	COLOR	IC TYPE & Q'TY	LED Type & Q'TY	PCB SPEC.	PACKING	Photo		PACKING
1	HC-F24V-6L-36LED-W-WS2821	RGB	WS2821 ICs 6 WS2821/m	SMD 5050 RGB LED 36LED/M	500*12mm	5M/REEL			Anti-static-electric plastic bag

Parameters:

5M Parallel Connection 6 IC 36 Chip (WS2821) LED Strip 24V

Item No:F24V-6L-36LEDS-W

Length:5 Meters per reel

Working Voltage:DC24V

Waterproof Tube IP67; Non-waterproof, IP40.

Working Mode:External Controller

Connection:VCC:RED DAT: GREEN GND:White

LED Chip: 36 LEDs per meter, 180 LEDs 5M

IC Q'ty: 6 IC Per meter, 1 IC Control 6 LEDs

Every 6 LEDs is cuttable

Come with Mini Controller

Parallel connection, If any one LED is burn, the next one will lights up without any effects.

Product Features

- 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)
- Dimensions

- Overall length is 5 meters or about 16 feet, 6 inches
- Width of strip without protective boot: .393" / 10mm
- Width of strip with protective boot: .492" / 12.5mm
- Height of strip without protective boot: .125"/ 3.18mm
- Height of strip with protective boot: .160" / 4mm
- Weather
 - Silicone "boot" covers entire length of strip providing typical weather resistance
 - Ends are silicone glued to ensure weather tightness
 - Not intended for use underwater
- Wiring colors:
 - See strip markings for wire color
 - 24V = Positive 24v Power
 - G=GND = Negative 24v Power
 - D = 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**
- 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.

Typical Application Diagram:

