

**WS2811 15mm width Digital LED Strip Dc 12V 60leds 20 pixels per meter
30meter long**



● Quick Details

Part NO	RL-STR-ws2811-5050RGB-60-12V-15mm
Lighting Source	5050RGB led
Beam Angel	120 degree
Operate Voltage	DC12V
Consumption Watt/M	14.4 Watt per meter (max)
PCB quality	Double layer 35um Copper with 3Ounce
LED quantity /M	60 leds per meter
Luminance (mcd)	2100MCD for one RGB 5050 led
IC chip	Ws2811
Cable	AWG20 with 10cm long
Plug	3pin SM JST Female and male connector
Waterproof Grade	IP30/65/67/68
Packaging	30m/reel
warranty	3 years

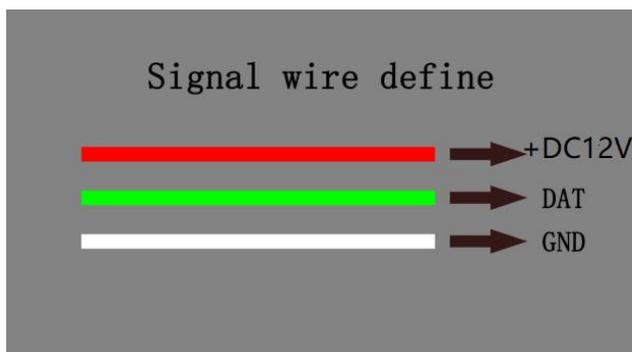
● Features

- 1.PWM refresh rate: 1.2kHz, transfer speed 800k bps
2. It comes in 1 meters per reel with 3Pin female/male JST SM connector on both end and separated Power / Ground Wires . Customized length is workable .
- 3.12V (3leds one IC with 12V)
4. 3unce PCB board with double cooper layer(hongqi brand 3535 copper)
- 5.double sides membrane cover the pcb board. make sure the copper no drop from the pcb board
6. Flexible PCB material . ever 3 LEDcan be cut with 12V,
7. 60 leds per meter . 12V low voltage inputted , don't over 13V , otherwise you will destroy the entire strip .
8. Controller System: SD controller , DMX controller , Artnet and so on .(SPI protocol)
9. Installing : screw+silicon clip and 3M adhesive on back side for sticky
- 10: 30meter per strip without voltage drop issue ,just make power input at ends .
- 11.Single-flow, gradient, chase, scan and other full-color effects;
Splicing to achieve text movement and video animation and other dynamic effects;
Can be bend and cut, can achieve a certain curvature and length of the modeling screen;

● Wire Define

There is 3 Pin JST SM female/male connector on both end for signal input/output and power inputs at ends

Red : +12V ; Green: Data white:GND Input: Female output : male



**Remark : 12mm width ws2811 RGB Pixel led strip with 4 Ounce 35um
copper FPCB optional**

