



SMD5050 RGBW 96LEDs/m

LED Strip

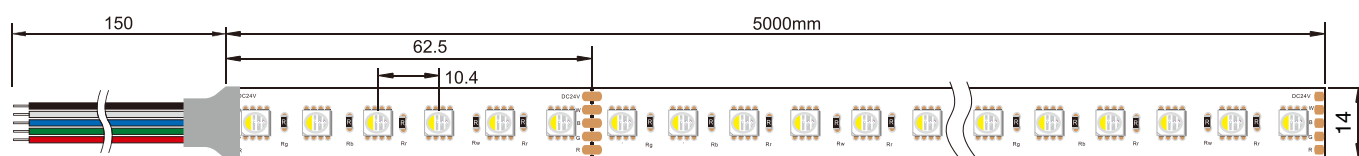


Product Features

- Using Top LEDs with high lumen, pure copper PCB for good heat;
- Popular 4 in 1 RGBW tunable functions combines;
- Different density and PCB width for more choice;
- Suitable kinds of controllers and amplifiers;



Structure & Parameter



Optical Parameter

CCT(K)

- R:620-630nm □ W:2700-6500K
- G:520-530nm White can customized design
- B:465-475nm

Lumen / m

RGB Pure White: 1234-1268lm

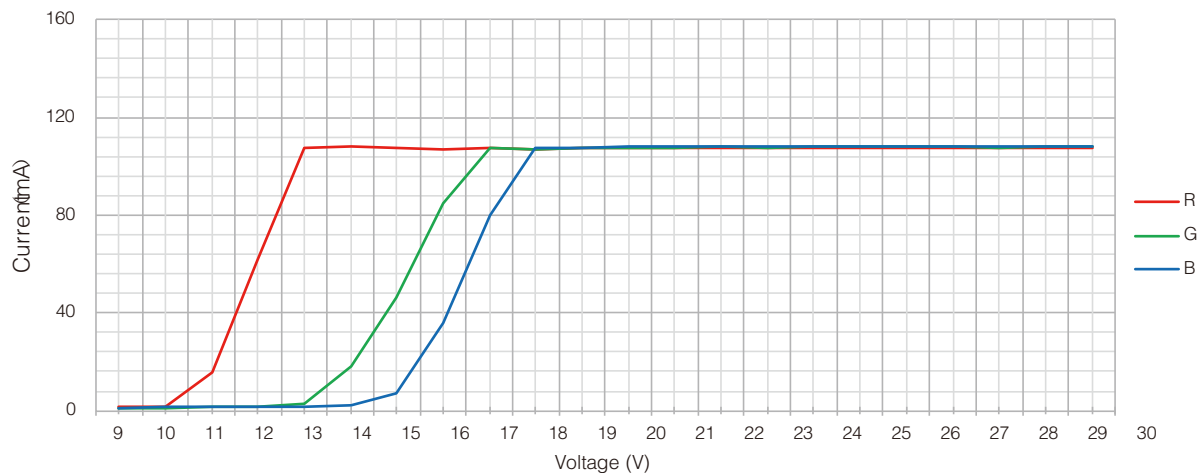
RGB Nature White: 1165-1234lm

RGB Warm White: 980-1165lm

Basic Parameter

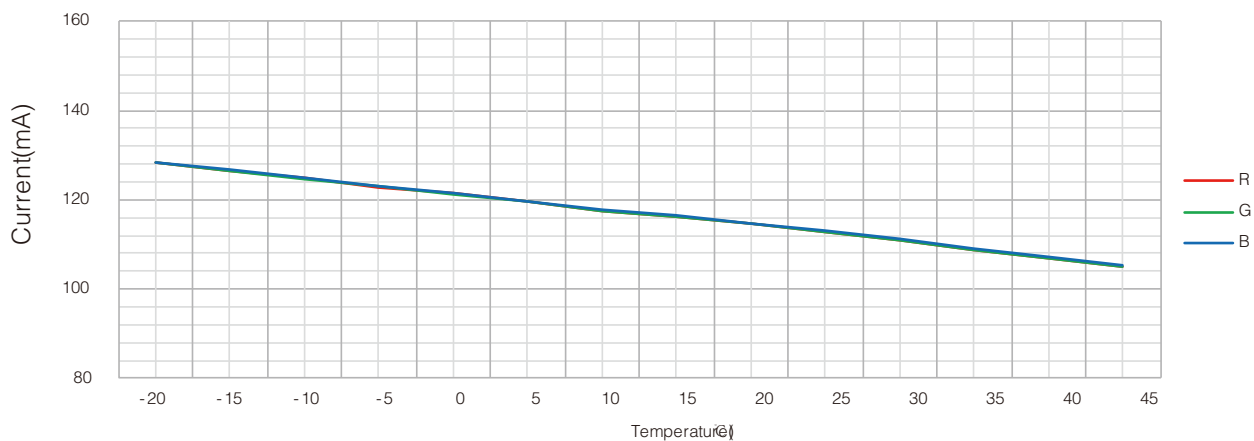
Model:	HL-R96RGBW5050(4/1)/12
Input voltage	DC24V
Power/m	23W
Beam angle	120°
LEDs /m	96leds
SMD Type	5050RGBW
Working hour	30000h
Working temperature	-25°C ~+45°C
Cuttable length	62.5mm
PCB Width	14mm
IP	65

Voltage & Current Curve



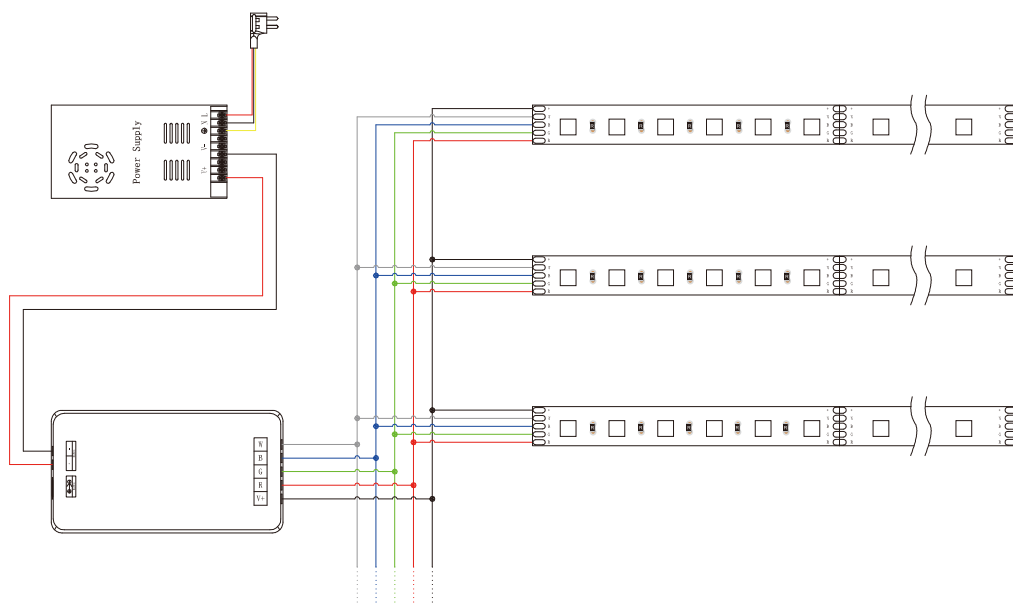
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working at 15°C.

Temperature & Current Curve



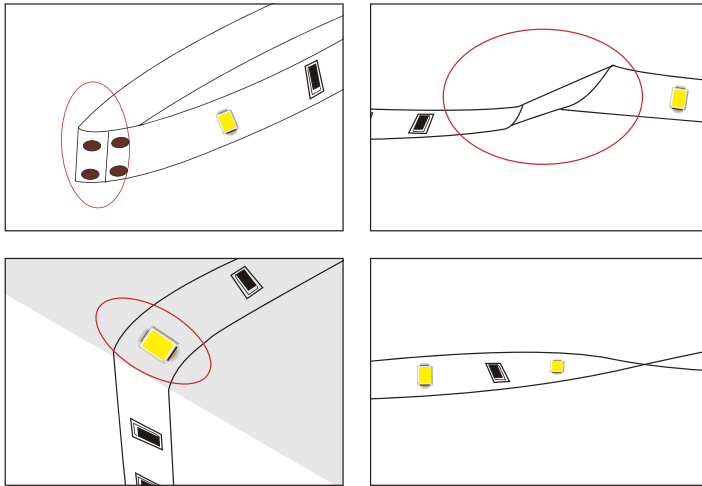
Note: This curve is test data of 1M LED Strip.

Installation Diagram

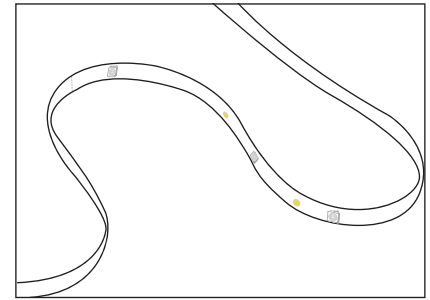


Cautions

When install the led strip, please note the installation technique. The ed strip can be bent, but not distorted, as shown below.



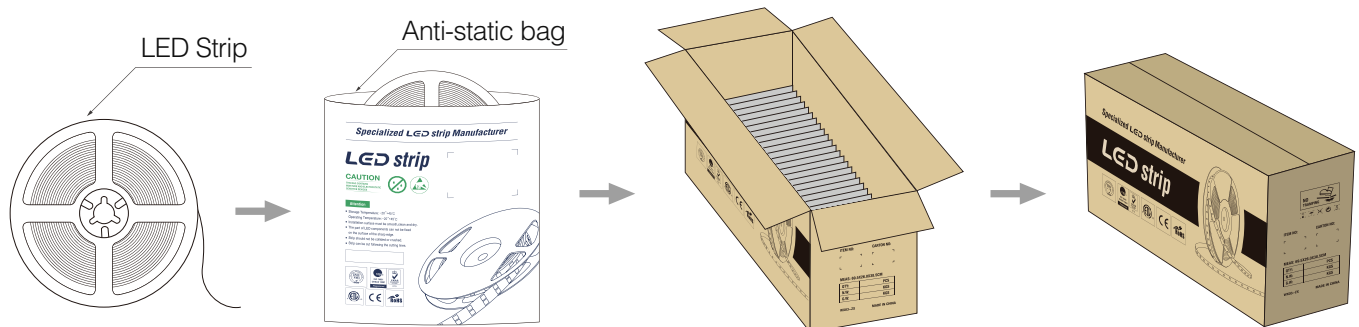
Distortion (Wrong)



Bend (Right)

- LED strips are low votage products, you must use the power supply(transformer). Please don,t connect the led strip directly to the AC 110V or AC 220V, otherwise it will burn out the LED strips.
- Clean up the installation surface, it will ensure the reliability of the adhesive. The electrical connection process must be operated by a professional person.

Package



Application



H E L I A N

**Professional
LED strip
manufacturer**

Shenzhen Helian Electronics Co.,Ltd



3F, Tonggao building 2, Sanlian industrial area, Songbai Rd, Shiyan Town, Bao'an District, Shenzhen, Guangdong, China



OUR EMAIL
admin@hlled.com



OUR PHONE
(86)-755-27606785



OUR WEBSITE
www.hlled.com