LED Flexible Strip HTD-RGT-5050-144RGB+W

Description of products:

● Constitute by FPC,SMD5050 double row 144LEDs(72RGB+72W) per meter double row and UV resistant silicone resin.

● The LED beam is 125-135° flood lighting,without the shadow, high brightness in 18-20lm/LED, low therm resistance, low Light failure, in a poor environment can good work.

● 34.4W/1M, the working voltage is DC12/24V.

● Optional: IP20/IP65/IP68 waterproof level. Warranty optinal 1/2/3/5 years.

● Main applications:

• Commercial and residential decoration • Under-counter lighting

• Media illumination • Large area backlighting

• Small to medium channel letters • Point-of-sale displays

• Used for Neon or tubes replacement,etc.

*Tips:

● When we computing power should retain 20% of the allowance.

● Up to 5 Meters strips to use in one parallel.Screw holes on both ends to fixed, convenient and accurate.

● Both ends connect DC12/24V power if must need 10M a string connect power supply, achieve the best use effect.
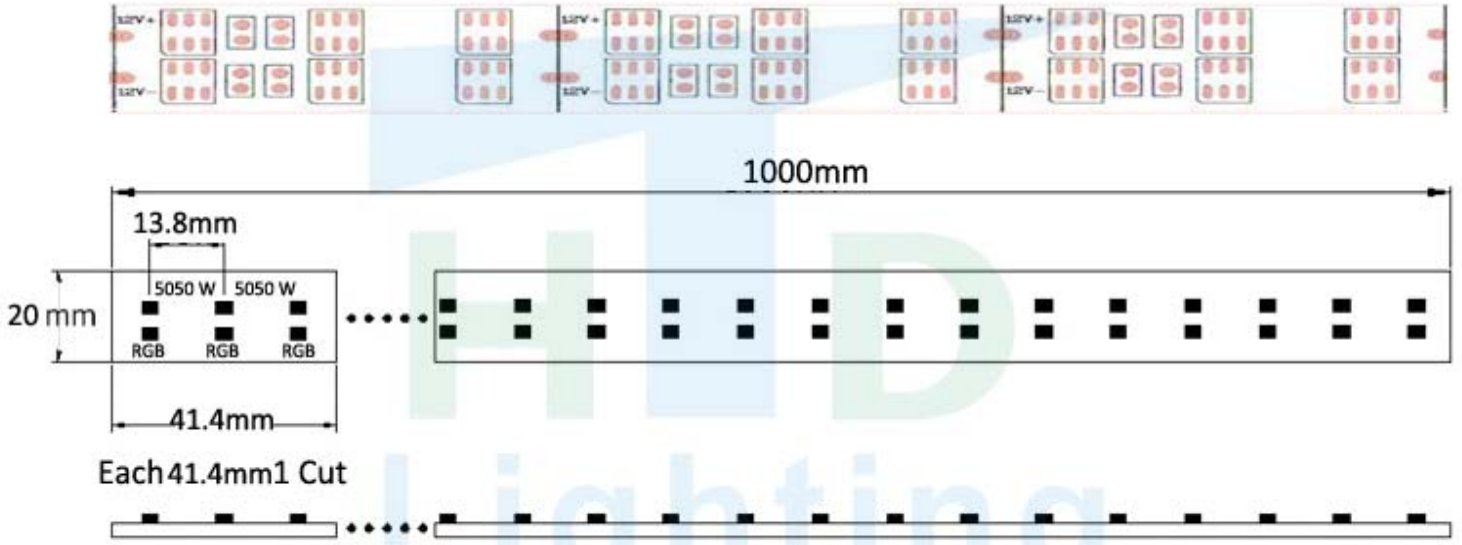
Product Chart:
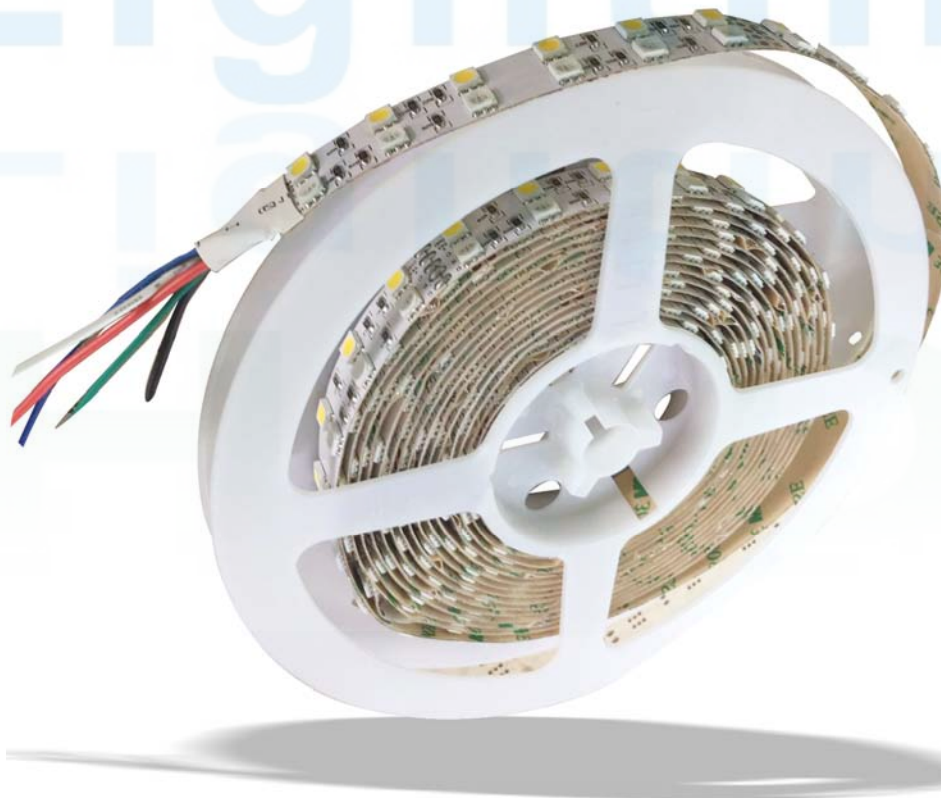
LED Flexible Strip HTD-RGT-5050-144RGB+W

Product Dimension Chart(IP68 width is12mm):

1000mm

13.8mm

5050 W | 5050 W

20 mm

RGB | RGB | RGB

41.4mm

Each 41.4mm 1 Cut

*Note:IP20 Height is 1.5mm/IP65 Height is 2.5mm/IP68 Height is 3.5mm

Photometric characteristics & Main material:							
Item No.	CCT	LED/M quantity	luminous flux（LM）	CRI	LED SPEC	PCB type	Main component
HTD-RGT-5050-144RGB+W	RGB+W	72RGB 72White	18-20lm	>78-80	5050SMD	Flexible FPC	FPC+LED

Basic parameters：		
Item	Parameters	Units
Working voltage	DC12/24	V
Working power	34.4	W
Working temperature	-40~60	℃
IP grade	IP20/IP65/IP68	*
Optional light color	1W5050+1RGB5050…	*
Beam Angle	≥120°	*
Light Source Lifespan	≥50000	hrs
Dimensions(Look above Dimension Chart)	1000×10×1.5/2.5/3.5(IP20/IP65/IP68)	mm
Net Weight/5M/Roll IP20	0.130	Kg

Connection mode (see below)

A/.DC24V transformer connect 220V/110V AC voltage, then LED controller connection the power output DC24V;

B/.And then, LED strips connection DC12/24V output of Controller(DM/RF/IR/WIFI/DMX...)

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*LED RGB Strip wiring dragram
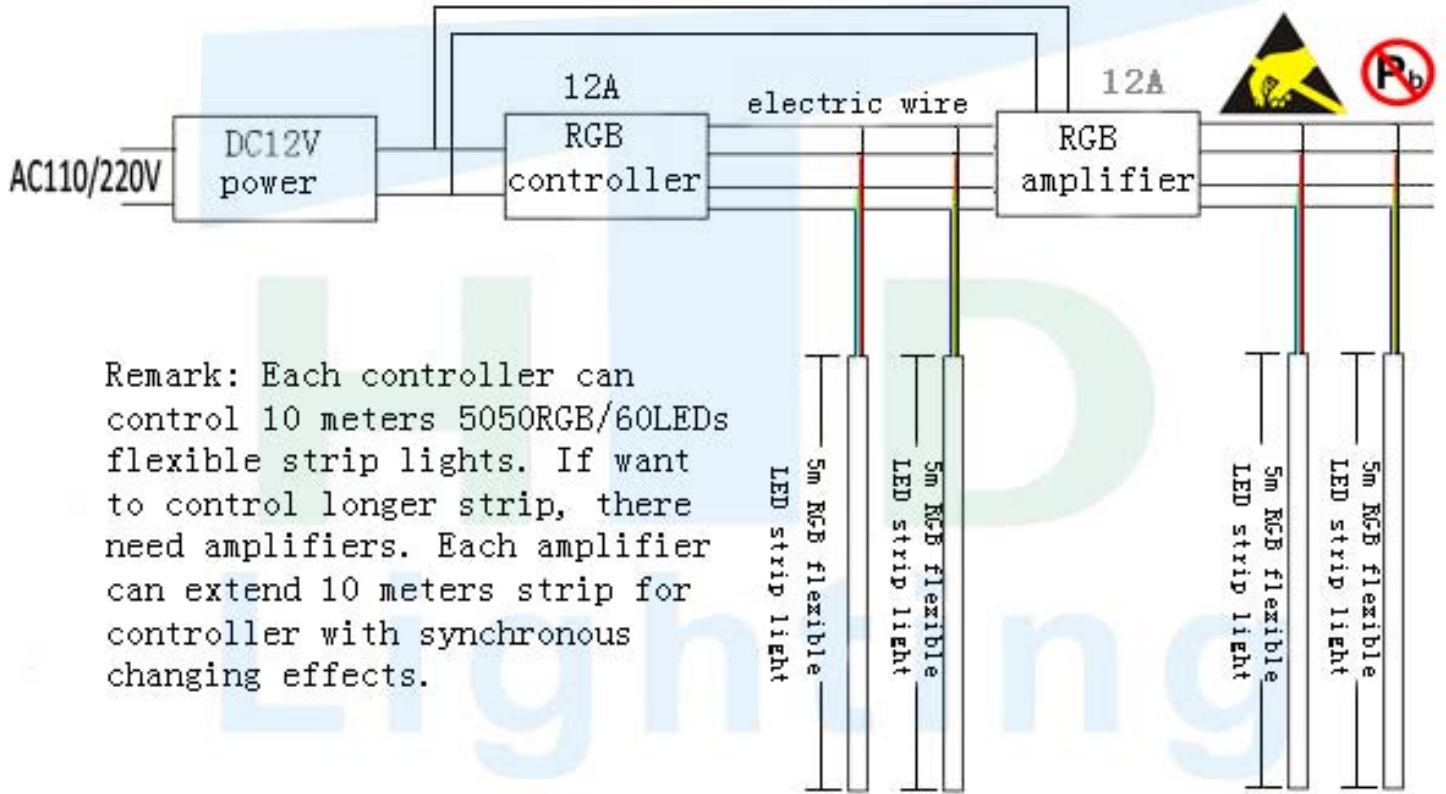
Remark: Each controller can control 10 meters 5050RGB/60LEDs flexible strip lights. If want to control longer strip, there need amplifiers. Each amplifier can extend 10 meters strip for controller with synchronous changing effects.

*Installation guide

1．Product labeled 3M two-side glue,stick in the need to install the position (please clean surface) can;

2．Installation using fixed installation clipper to buckle.1 meter using 2 clippers and four M3 screws(Some styles just 2pcs).
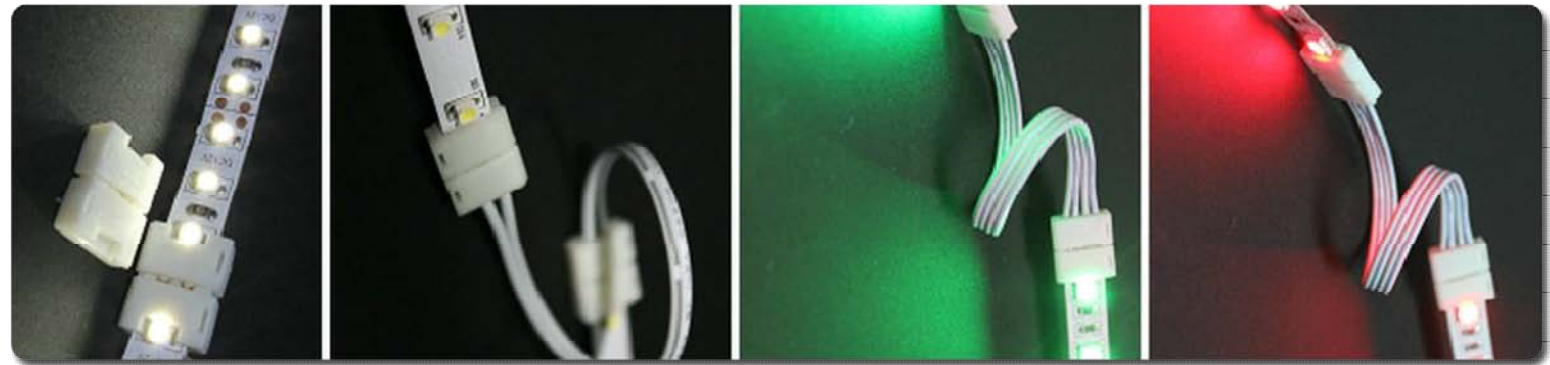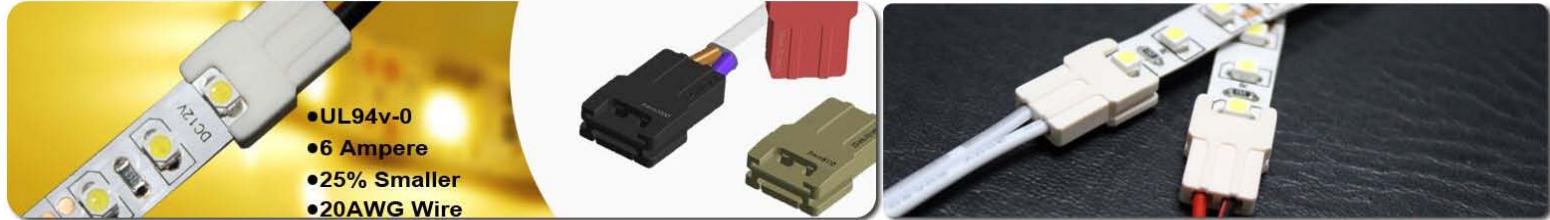
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Connect accessories:

Connect accessories optional:

IP20:1 to 1/1 to 4 and Connector with wire

IP65:Just 1 to 1 and Connector with wire

- UL94v-0
- 6 Ampere
- 25% Smaller
- 20AWG Wire

IP20	IP65	IP68
Non-Waterproof	Epoxy glue	Soft silicon tube mixed epoxy glue

LED Strip light identify

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Package：

Conventional packing:every 5M/Roll

Carton size: 45cm*25cm*32cm.

IP20---0.128kg/roll,45Rolls/Carton/7.76kg   IP65---0.256kg/roll,30Rolls/Carton/7.68kg

IP68---0.451kg/roll,25Rolls/Carton/11.25kg   *Tips:Above package allow have 10% error
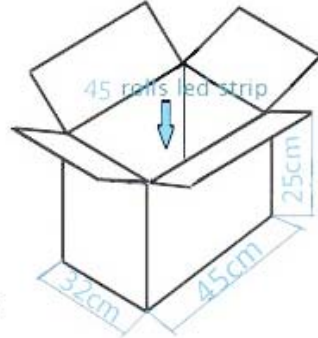
Tape feed roller

5M Led strip

5M Led strip per roll

Anti-static aluminum foil bag

RoHS

5M Led strip

45 rolls led strip

25cm

32cm   45cm

*Other kind of LED flexible strip recommend

HTD-RGT-5050
-60RGB+W

HTD-RGT-3528-AH240
Pure White
Cool White

HTD-RGT-5024IC-
DMX72RGB

HTD-RGT-5050-AH60

HTD-RGT-5050
-AH72RGB

HTD-RGT-5050
-60RGBW

HTD-RGT-3014
-A224

HTD-RGT-5730-112

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