



LED Flexible Strip HTD-RGT-5050-84RGBW

Description of products:

HTD-RGT-5050-84RGBW

- Constitute by FPC, SMD5050RGBW 84LEDs per meter 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.
- 26.8W/1M, the working voltage is DC24V.
- 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 HTD-RGT-5050-84RGBW to use in one parallel. Screw holes on both ends to fixed, convenient and accurate.
- Advice that both ends connect DC24V power if must need 10M a string connect power supply, achieve the best use effect.



Product Chart:



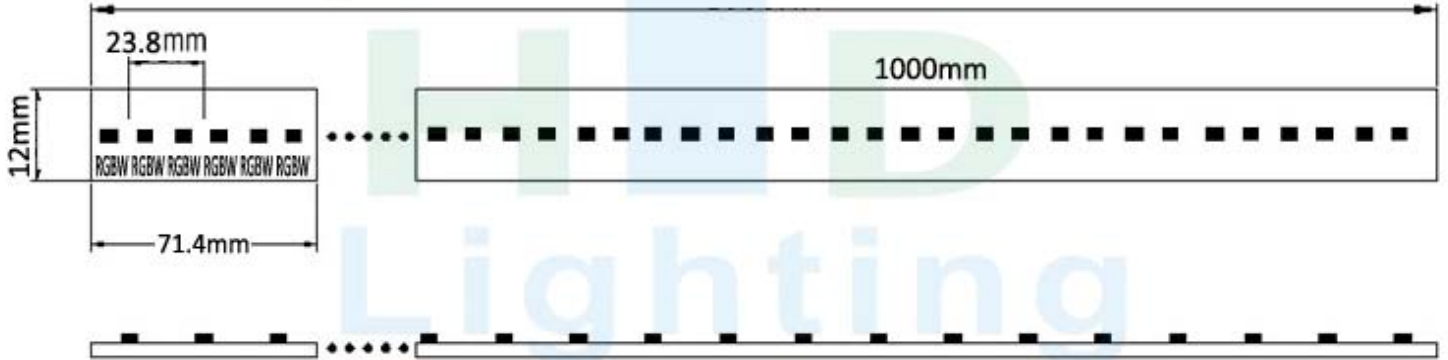
Product Dimension Chart(IP68 width is12mm):



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***Note:6LEDs/Cut/24V Power**



Photometric characteristics & Main material:

Item No.	CCT	LED quantity	luminous flux (LM)	CRI	LED SPEC	PCB type	Main component
HTD-RGT-5050-84RGBW	RGBW in one LED	84	18-24/LED	>78-80	5050SMD RGBW	Flexible FPC	FPC+LED

Basic parameters:

Item	Parameters	Units
Working voltage	DC24	V
Working power	26.8	W
Working temperature	-40~60	°C
IP grade	IP20/IP65/IP68	*
Optional light color	RGBW in one LED	*
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	0.128	Kg

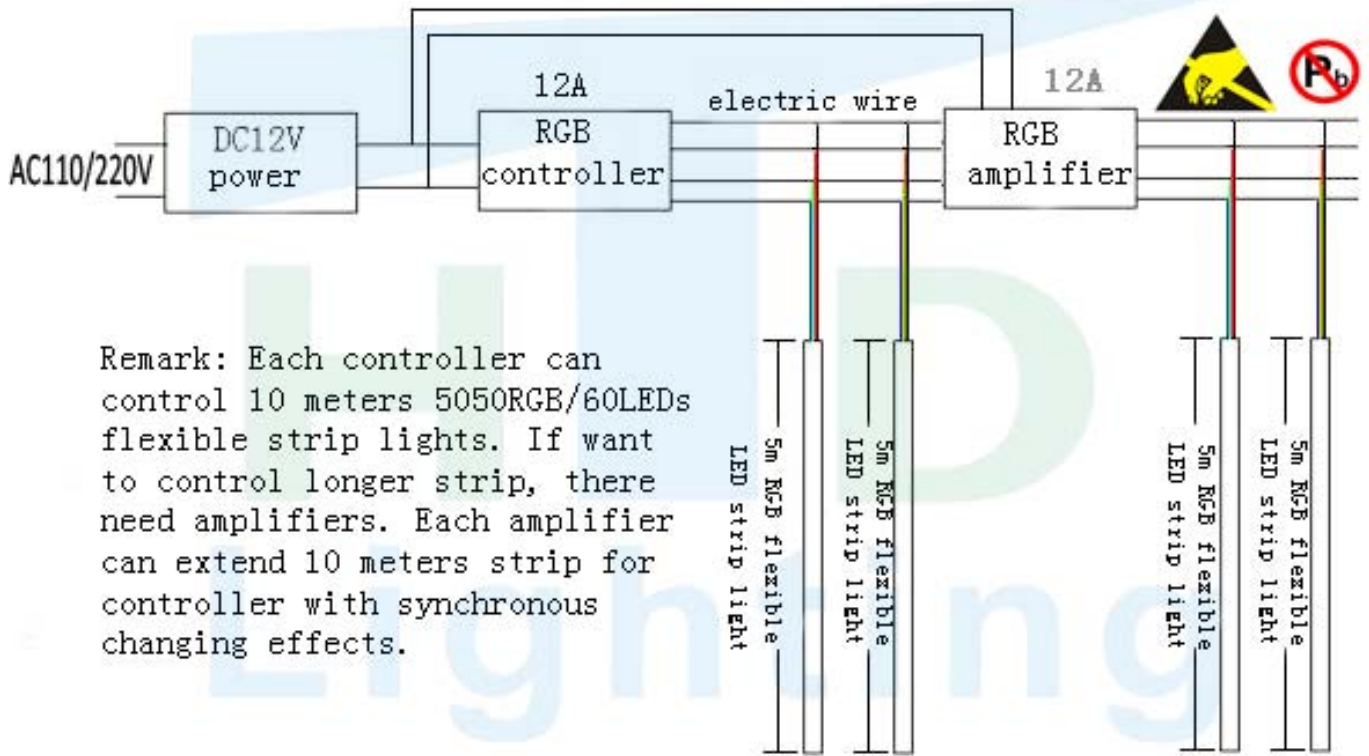
Connection mode (see below)

A/.DC12V transformer connect 220V/110V AC voltage, then LED controller connection the power output DC12/24V;

B/.And then, LED strips connection DC12V/24V output of Controller(RF/IR/WIFI/DMX...)



*LED RGB Strip wiring diagram



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).

Connect accessories:

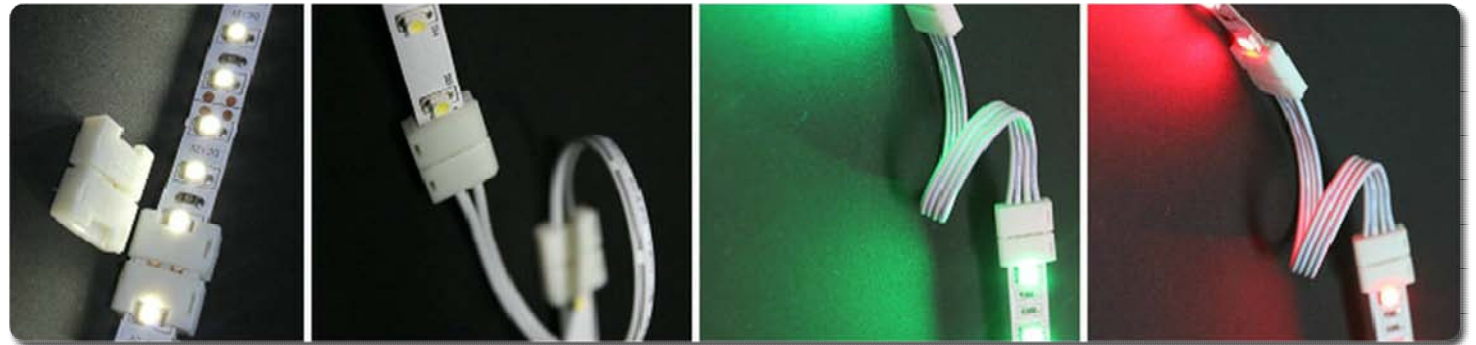


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Connect accessories optional:

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

IP65:Just 1 to 1 and Connector with wire



IP20

Non-Waterproof

IP65

Epoxy glue

IP68

Soft silicon tube mixed epoxy glue



LED Strip light identify



Package:



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Conventional packing: every 5M/Roll

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

IP20---0.128kg/roll,45Rolls/Carton/7.76kg

IP68---0.451kg/roll,25Rolls/Carton/11.25kg

IP65---0.256kg/roll,30Rolls/Carton/7.68kg

*Tips: Above package allow have 10% error

Tape feed roller

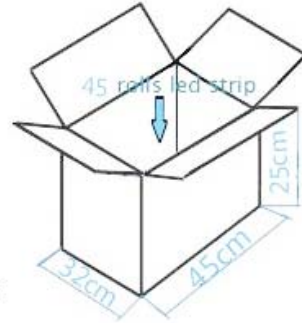


5M Led strip per roll

5M Led strip



Anti-static aluminum foil bag



***Other kind of LED flexible strip recommend**



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