LED Flexible Strip HTD-RGT-5050-D120

Description of products:

HTD-RGT-5050-D120

● Constitute by FPC, double row SMD5050 120LEDs per meter and UV resistant silicone resin.

● The LED beam is 125-135° flood lighting,without the shadow,high brightness in 2400-2880lm/120LEDs/M,low therm resistance,low Light failure,in a poor environment can good work.

● 28.8W/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 HTD-RGT-5050-D120 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.
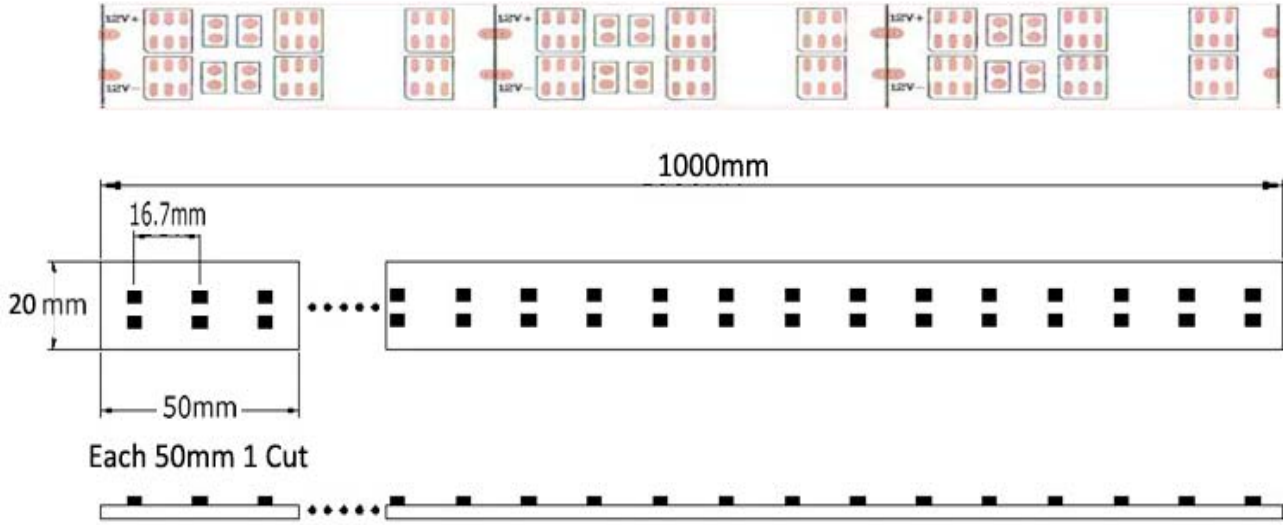

Product Chart:

HTD Lighting

LED Flexible Strip HTD-RGT-5050-D120

Product Dimension Chart(IP68 width is12mm):

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

Photometric characteristics & Main material:							
Item No.	CCT	LED quantity	luminous flux （LM）	CRI	LED SPEC	PCB type	Main component
HTD-RGT-5050-D120	4500K	120	2400-2880lm	>78-80	5050SMD	Flexible FPC	FPC+LED

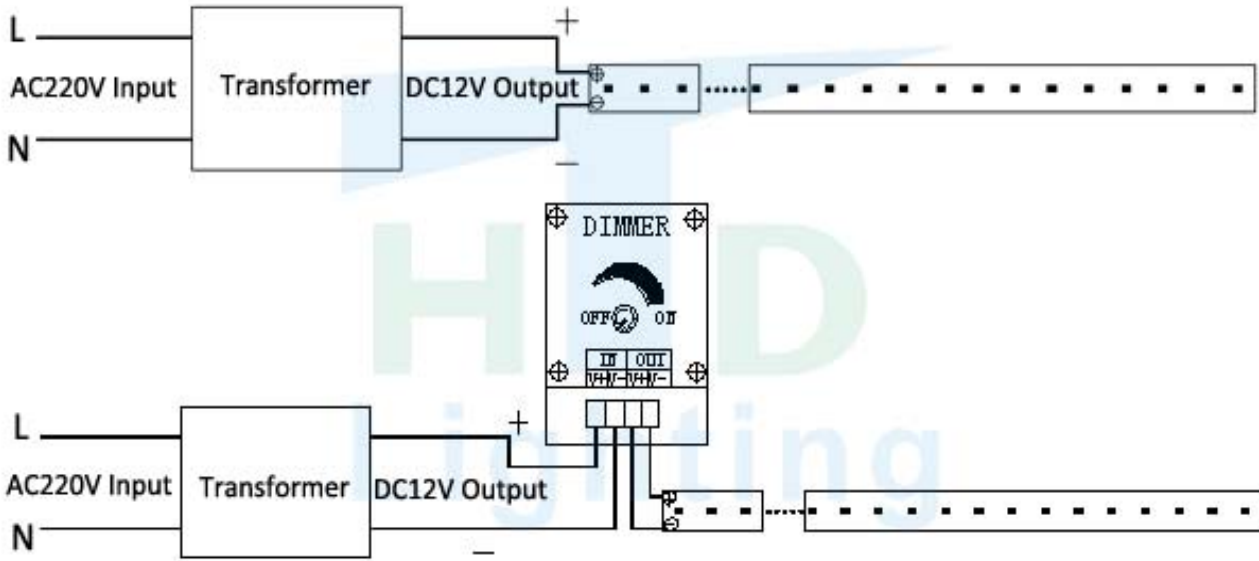| Basic parameters：		
Item	Parameters	Units
Working voltage	DC12/24	V
Working power	28.8	W
Working temperature	-40~60	℃
IP grade	IP20/IP65/IP68	*
Optional light color	W/WW/CW/R/G/B/P…Can match color.	*
Beam Angle	≥120°	*
Light Source Lifespan	≥50000	hrs
Dimensions(Look above Dimension Chart)	1000×10×1.5/2.5/3.5(IP20/IP65/IP68)	mm
Net Weight/5M/Roll IP20	0.256	Kg

Connection mode (see below)
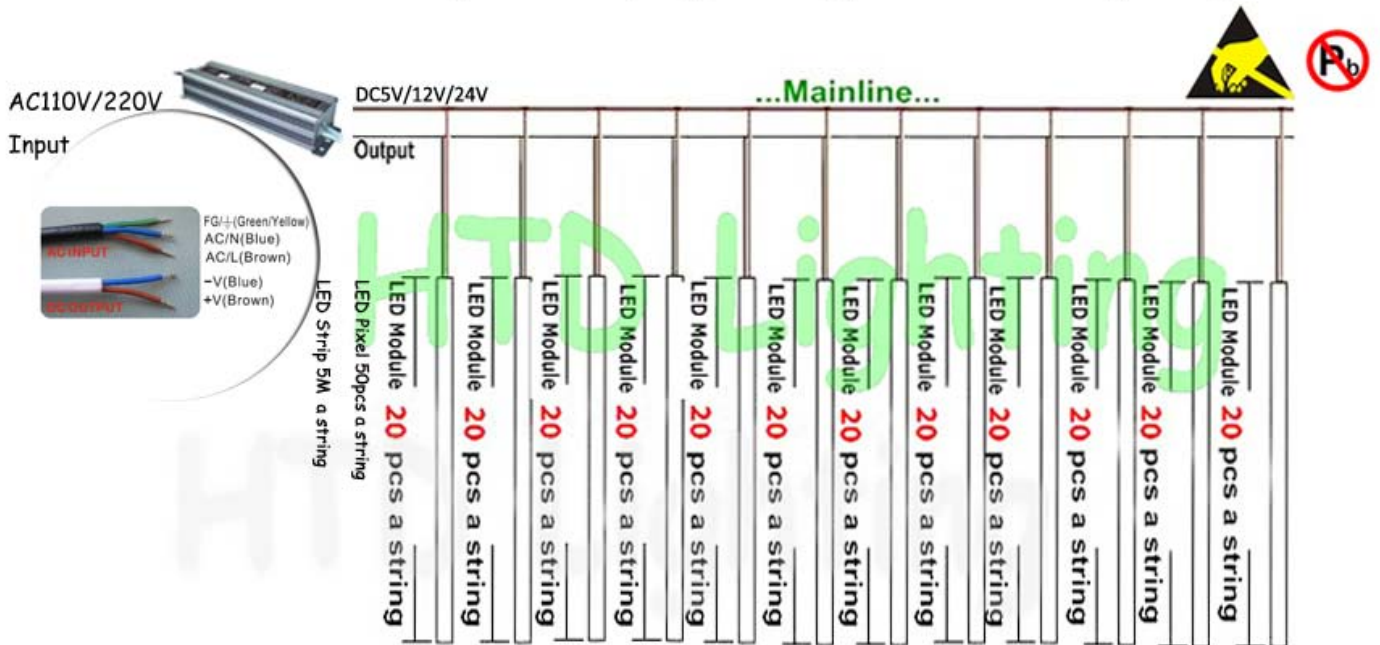
A/.DC12V transformer connect 220V/110V AC voltage;

B/.And then,LED strips connection DC12V/24V output transformer.

LED Flexible Strip HTD-RGT-5050-D120

L
AC220V Input — Transformer — DC12V Output +
N —

DIMMER
OFF / ON
IN | OUT

L
AC220V Input — Transformer — DC12V Output +
N —

*LED module/Pixel light/Strip light Single color wiring diagram

AC110V/220V Input

DC5V/12V/24V Output

...Mainline...

FG/⏚ (Green/Yellow)
AC/N(Blue)
AC/L(Brown)
−V(Blue)
+V(Brown)

LED Strip 5M a string
LED Pixel 50pcs a string
LED Module 20 pcs a string (×17)

*This product the most can tandem connection 20pcs module/50pcs pixel/5M strip, Prohibited beyond tandem connection. The thickness of power should according to actual possible present maximum current, the power of products, wiring length (suggest not exceeding 6M) and low voltage transmission line voltage drop.In measuring power use number of circumstances, should retain 20% of the allowance.

*（Important）Ensure that both ends connect power,achieve the best use effect. The module MAX 40pcs/string,Pixel MAX 100pcs/string,Strip MAX 10M/String.

*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).
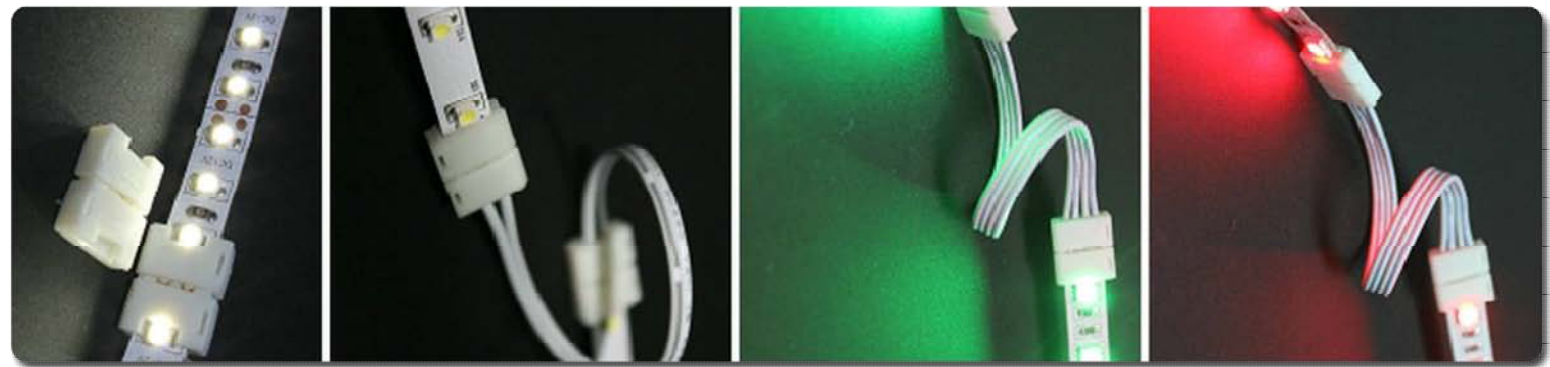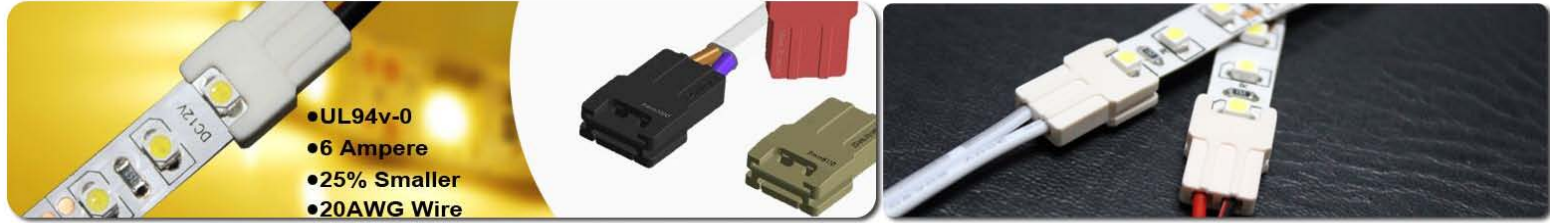
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Connect accessories:

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
Non-Waterproof

IP65
Epoxy glue

IP68
Soft silicon tube mixed epoxy glue

♻ LED Strip light identify

LED Flexible Strip HTD-RGT-5050-D120
Package：

Conventional packing:every 5M/Roll

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

IP20---0.256kg/roll,23Rolls/Carton/6.16kg IP65---0.512kg/roll,15Rolls/Carton/7.68kg

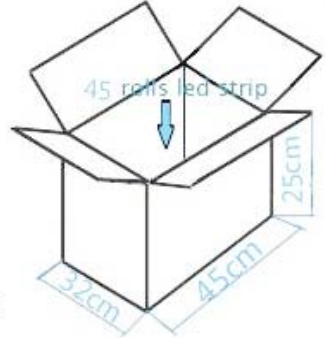IP68---0.9kg/roll,13Rolls/Carton/13kg *Tips:Above package allow have 10% error

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 style of LED Flexible strip recommend

HTD-RGT-3528-T360 HTD-RGT-335-SD240 HTD-RGT-3528-F480 HTD-RGT-2538-D120

HTD-RGT-3528-240 HTD-RGT-5730-120 HTD-RGT-3528-A240 HTD-RGT-5050-D120

Save a tree. Kindly don't print this document unless it's really necessary.