5M/FCOB RGBW constant voltage Led strips/

560pcs led/meter/DC24V/IP20/12mm

- Beautiful RGBW COB strip, create atmosphere of happiness.
- Match with all kinds of RGBW controllers, convenient and interesting.
- Dot Free, Pixel Free, Spot Free
- 180deg Beam Angle
- Chip on Board
- New Cutting Edge Technology
- Higher Efficiency, Higher Brightness
- Lighting Trend Which Replace 2110 2216, 3014, 1919, 4040
- No Flicker, No Glare,Eye Protection
- Longer life span with 5 years warranty
- IP grade：IP20, IP65,IP66,IP67,IP68 available
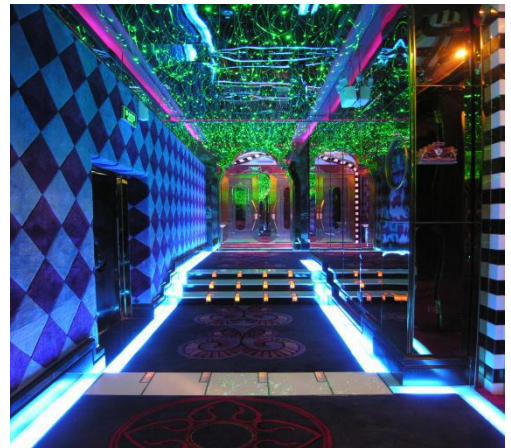- CE/ ROHS certification

Application:

Widely used in hotels、shopping malls、furniture、cabinets、shelf，as decoration lighting, direct lighting or indirect lighting

Installation:

3M Adhesive

Warranty:

5 years

Product Model	Color	WL（NM）	Ra	Beam angle（°）	Lumen (lm/m)	Efficiency (lm/W)	Voltage （V DC）	Current (mA/m)	Power (W/m)
FCOBRGBW280-WF0	R	620-625	—	180	104	26	24	166.6	4
FCOBRGBW280-WF0	G	520-525	—	180	300	75	24	166.6	4
FCOBRGBW280-WF0	B	465-470	—	180	120	30	24	166.6	4
FCOBRGBW280-WF0	WW	3000	≥80	180	300	75	24	166.6	4
FCOBRGBW280-WF0	NW	4000	≥80	180	320	80	24	166.6	4
FCOBRGBW280-WF0	NW	5000	≥80	180	332	83	24	166.6	4
FCOBRGBW280-WF0	CW	6000	≥80	180	332	83	24	166.6	4
FCOBRGBW280-WF0	RGBW	—	—	180	824	51.5	24	666.6	16

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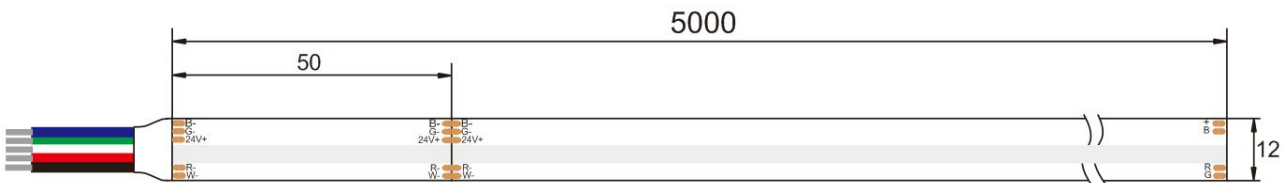560pcs led/meter/DC24V/IP20/12mm

Other features:

Product Model	IP grade	Working environment (℃)	Storage environment (℃)	Length (m)	Max connection Length (m)	LED Qty (pcs/m)	N.W (g/Roll)
FCOBRGBW280-WF0	IP20	-25~+45	-30~+80	5	5	560	170

Notes：

- Testing environment temperature: 25±2℃；
- Above data confirmed on the basis of 1M sample,RGB, IP20.
- Different IP grade with different Data.
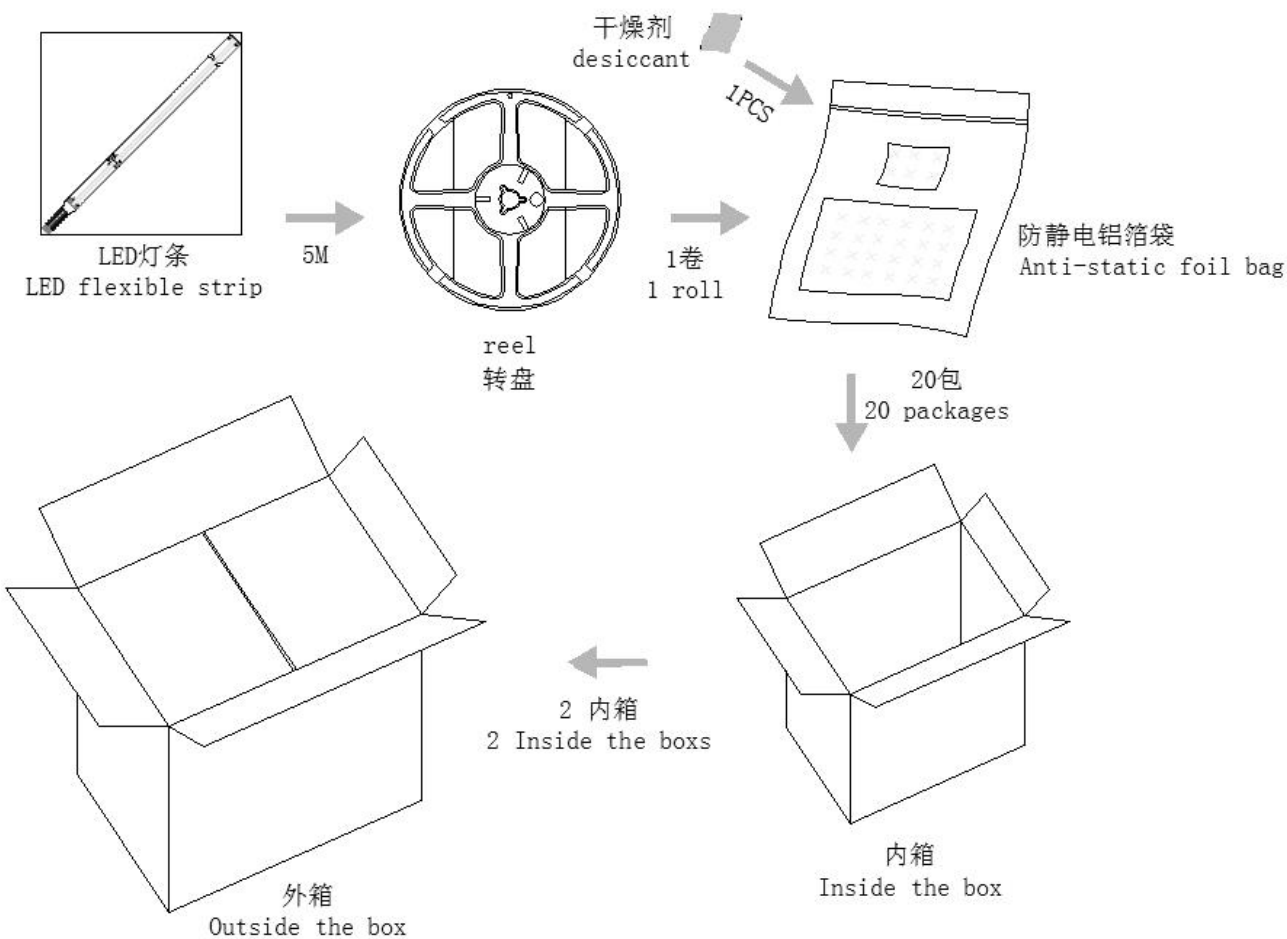- Mark"—"means no testing requirement.

Dimensions:

IP20   IP65   IP67   IP68

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Package details：

Model	carton	Qty/Roll(m)	Qty/Carton(m)	Total Qty(m)	G.W(Kg)	size(mm)
FCOBRGBW280-WF0	inner box	5	100	100	3.425	L303*W230*H260
	outer box	5	200	200	7.8	L475*W320*H300

Package：

干燥剂 desiccant 1PCS

LED灯条
LED flexible strip

5M

reel
转盘

1卷
1 roll

防静电铝箔袋
Anti-static foil bag

20包
20 packages

2 内箱
2 Inside the boxs

内箱
Inside the box

外箱
Outside the box

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Schematic：

DC24V

"+": white wire　"R": red wire　"W": black wire

"G": green wire　"B": blue wire

（PS：Strip positive connect to the driver positive, Strip negative connect to driver negative）
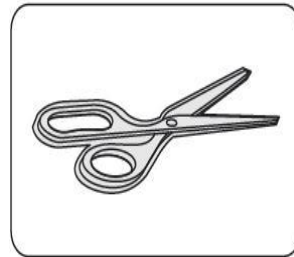
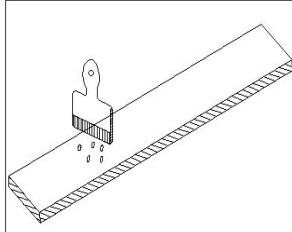## Product and needed tools：

Product
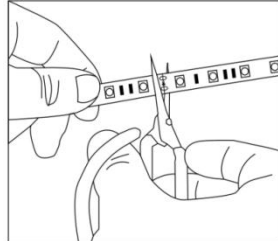Led strip

Needed tools
scissor

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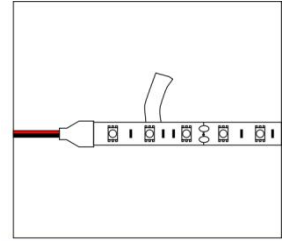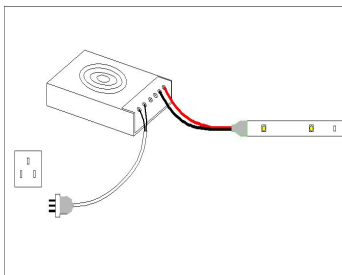560pcs led/meter/DC24V/IP20/12mm

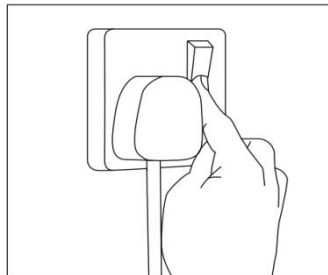## Installation steps：

● Clean the installation surface

● Measure the length you need to install, cut at the nearest scissor mark line.
● For the left led strip, weld at the next scissor mark to connect with other connection wire.

● Do not pull the whole led strip from the back release paper by one time. No press on the leds.

● Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)
● Connect the driver input side to power-supply.

● Switch on and enjoy.

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Usual problem with solutions：

Problem	Possible reasons	solution
All fail	● No power supply	Give power supply.
	● Automatic switch-off because of the open circuit and short circuit	Solve the problem, switch on again.
Part fail	● Wrong connection (positive connect with negative)	Check and get right connection.
	● Part power-supply fail	Check and make sure the power supply well.
	● Part circuit error	
	● Part wrong connection(positive connect negative)	Check and get right connection.
	● overload of the driver	Use higher-power driver.
Inconsistent brightness or insuffiscent brightness	● Too big power consumption of the switch, or unbalanced power consumption from different strip series.	Keep the strip working voltage is more or less 5% than the Rated voltage. 1.shorten the connection cable length, or change to thicker cable. 2.Make sure the strip quantity is less than the allowed connection quantity.Keep the led strip quantity of each series similar).
	● Too many Led strips connection	Adjust the led strip quantity，make sure sufficient power supply.
LED flash	● Poor welding connection of wires	Check,find and solve it.
	● switch problem	Change to right switch.

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Statements：

- For safety**,** the product wire should be moved and replaced by the manufacturer, agent or other authorized person.

- Please refer to the product manual before installation.

- Above-refered data is from our standard product. Please subject to your actual product data if there is difference.

- Above-refered schematic diagrams are from our standard product. Please subject to your actual product data if there is difference.

- In actual use,we suggest 80% consumption of the driver. Keep 20% as power to start the led strip.

- For safety, no touch the AC terminal.

- Any acidic or alkaline substance is forbidden.

- No notice for updated of this product.