

RGB COB constant voltage Led strips/

576 pcs chip/meter/DC24V/IP20/10mm

- Big beam angle, no dark area, flexible line source with good heat dissipation.
- Inverted COB gold-free technology.
- Match with all kinds of RGB controllers, convenient and interesting.
- Step length:31.25mm,cutttable and re-connectable.
- IP grade: IP20、IP66
- 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:

3 years



Optical&Electrial

Product Model	Color	WL (nm)	Ra	Beam angle (°)	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
576COB-24/14-10/5-R2R RGB	R	617-627	—	140	114	20	24	237	5.7
	G	517.5-532.5	—	140	260	9	24	108	2.8
	B	451-461	—	140	66	12	24	208	5.5
	RGB	—	—	140	420	30	24	583	14

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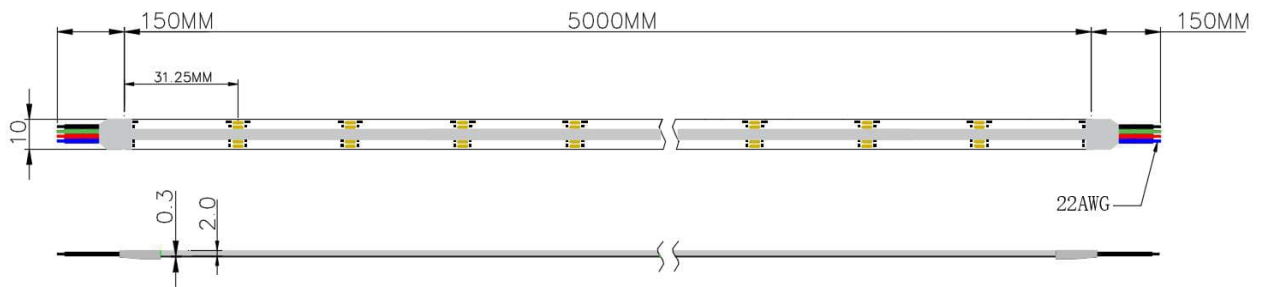
Other features:

Product Model	IP grade	Working environment temperature (°C)	Storage environment temperature (°C)	Length (m)	Max connection Length (m)	LED Qty (pcs/m)	N.W (g/Roll)
576COB-24/14-10/5-R2R RGB	IP20	-25~+45	-30~+80	5	5	576	78.5

Notes:

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

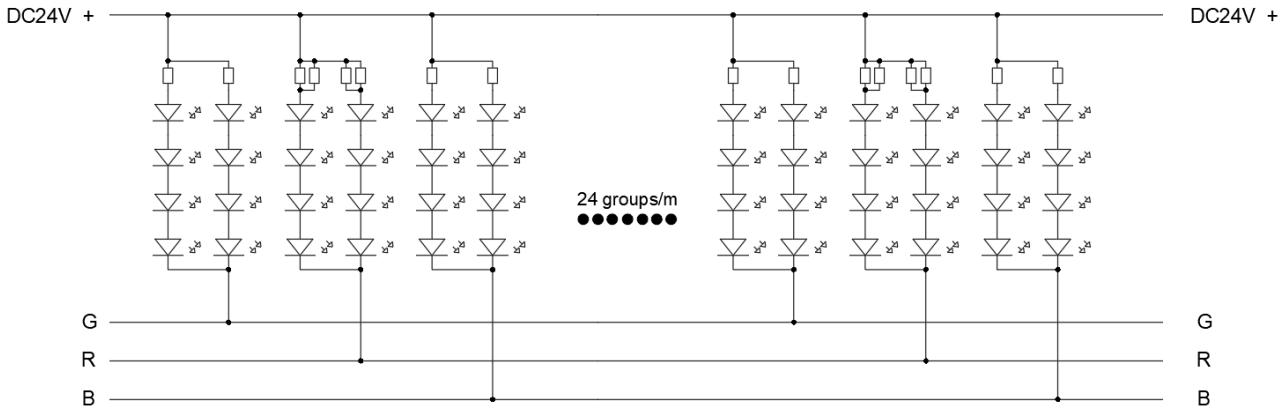
Dimensions:



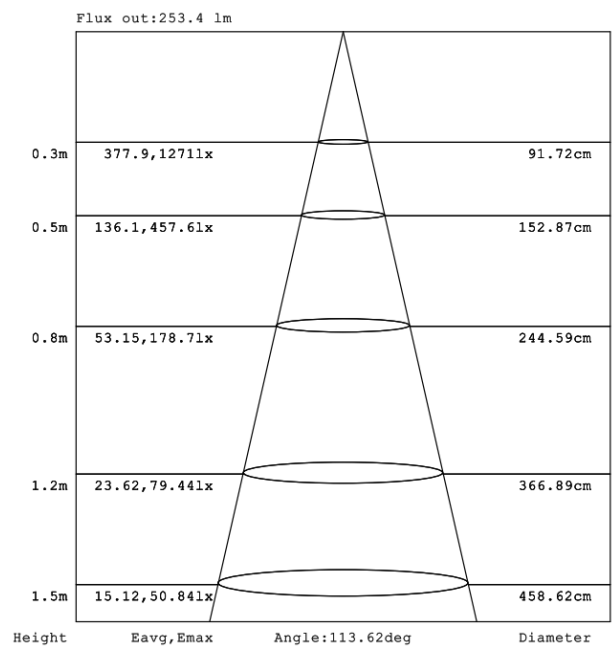
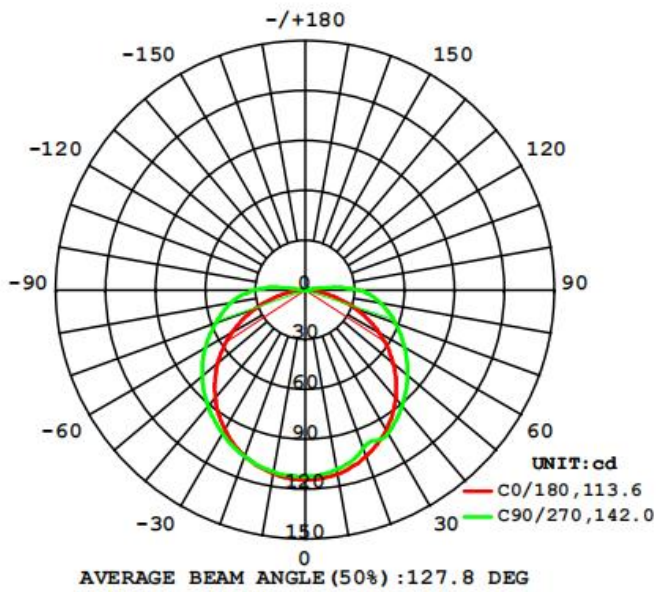
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Electrial principle :



Optical/Lux graph :



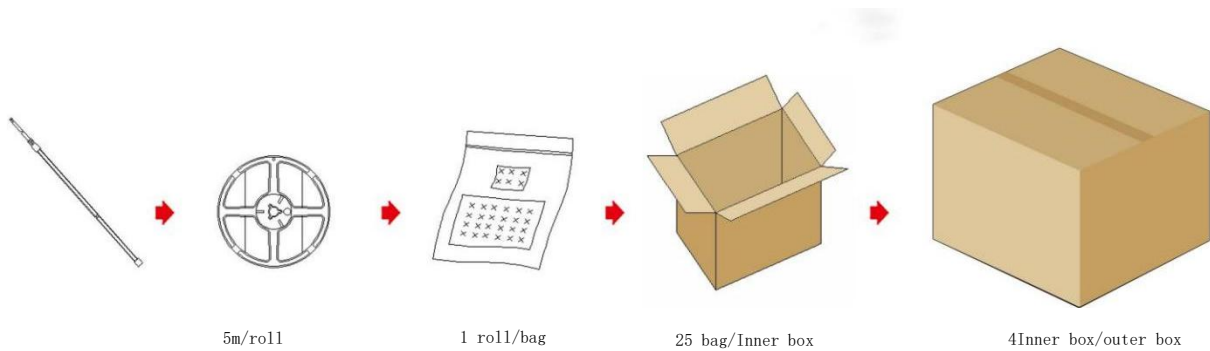
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Package details:

Model	Qty/Roll (m)	Qty/Carton (m)	Total Qty (m)	G.W (Kg)	Inner box size (mm)	outer box size (mm)
576COB-24/14-10/5-R2R RGB	5	125	500	12.26	L303*W230*H260	L620*W472*H280

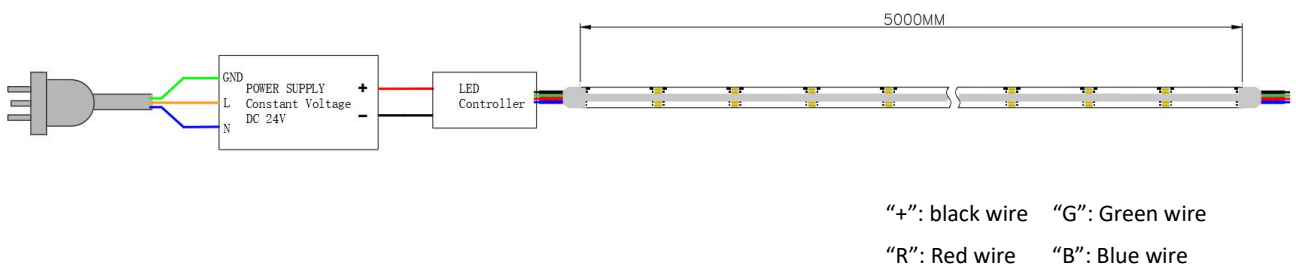
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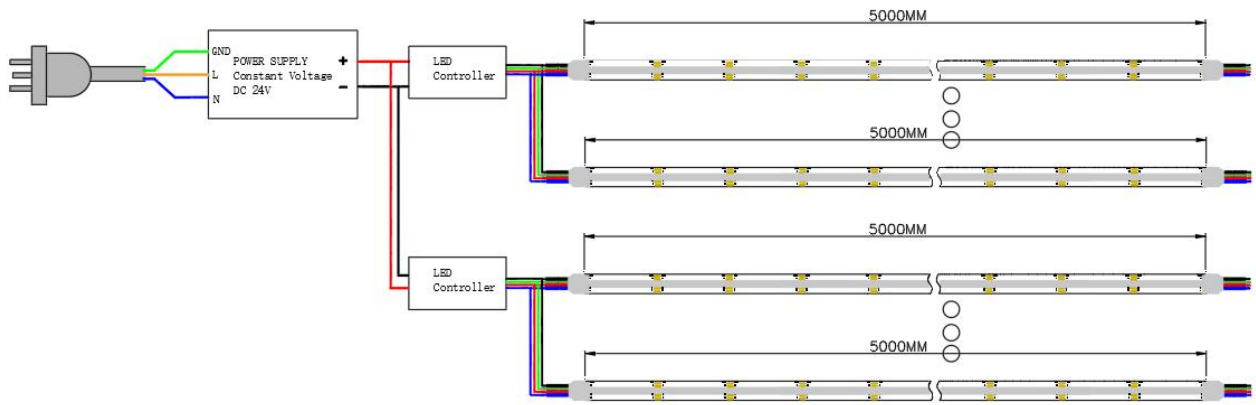


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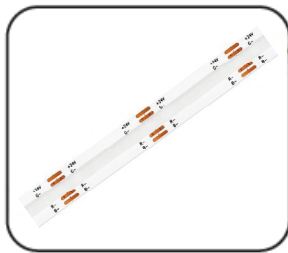
Schematic:



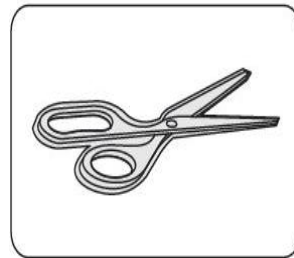


(PS: Strip positive connect to the driver positive,
Strip negative connect to driver negative)

Product and needed tools :



Product
Led strip

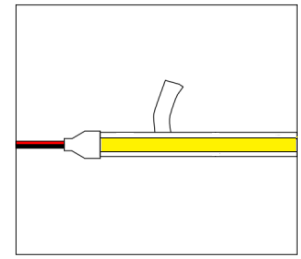
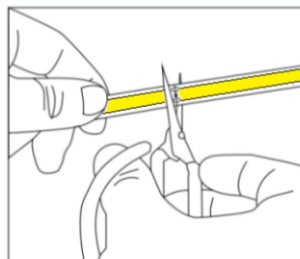
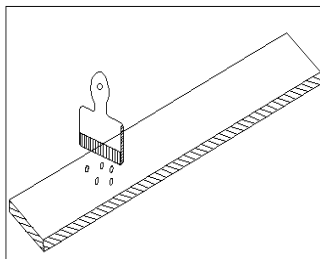


Needed tools
scissor

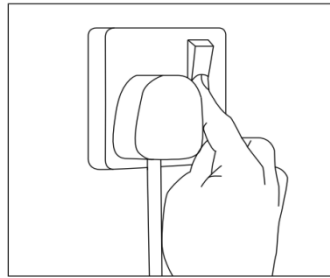
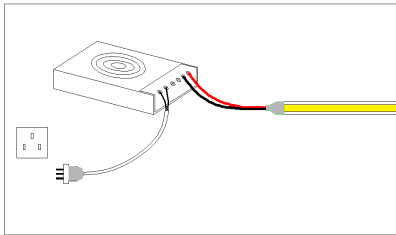
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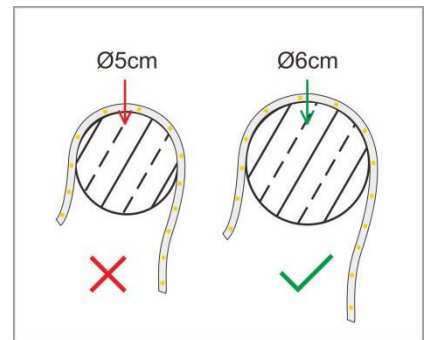
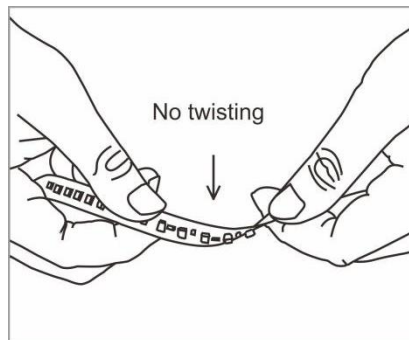
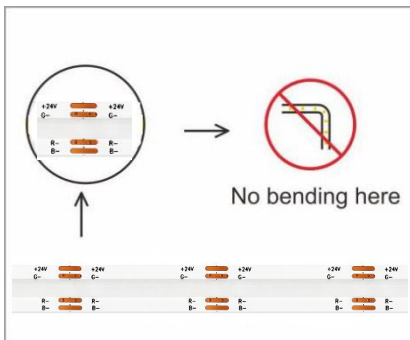
Installation steps :



- Clean the installation surface
- Measure the length you need to install, cut at the nearest scissor mark line.
- 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.



- No bending at the point of leds
- No contortion of the led strip.
- No bending with Diameter < 6cm

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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.
	● Wrong connection (positive connect with negative)	Check and get right connection.

Part fail	● 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 insufficient 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.

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.

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- For safety, no touch the AC terminal.
- Any acidic or alkaline substance is forbidden.
- No notice for updated of this product.