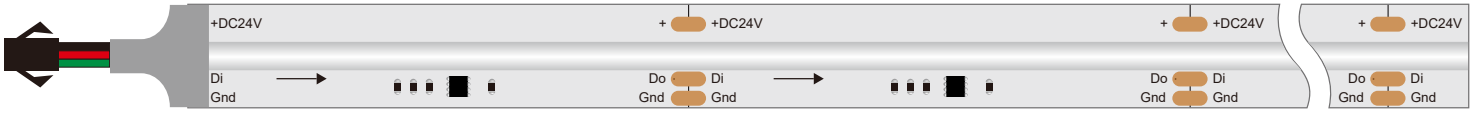
5M/COB Pixel RGB Constant Voltage LED Light Belt

420LED/m-DC24V-10mm-IP20

QUALITY HONESTY SERVE INNOVATION

MSHLED Pixel RGB-420LED/m-DC24V-10MM

SPECIFICATION



420 m	24 V	10 mm	12 W/m
LED Qty	Voltage	FPD width	Power

Product features:

- MSH Lighting can be switched freely, flowing water, magic color, horse racing light, monochrome, gradient, light flashing
- A variety of lighting programs are optional, and the lighting atmosphere can be programmed
- Match with all kinds of RGB controllers,convenient and interesting.
- No flicker, comfortable ambient lighting, rich and natural colors
- High-quality FPD circuit board, resistant to bending, strong flexibility, easy to shape
- IP grade： IP20, IP65,IP66,IP67,IP68 available
- Long service life, providing 5-year warranty service

180° Beam angle | CE | RoHS | Dimmable | 5 YEARS WARRANTY | IP20

Application:

Widely used in hotels, shopping malls, furniture, cabinets, shelves, bars, e-sports game arenas, outdoor lighting landscapes and other scenes, can be used for decorative lighting, direct lighting or indirect lighting

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Product parameters:

Basic parameter:

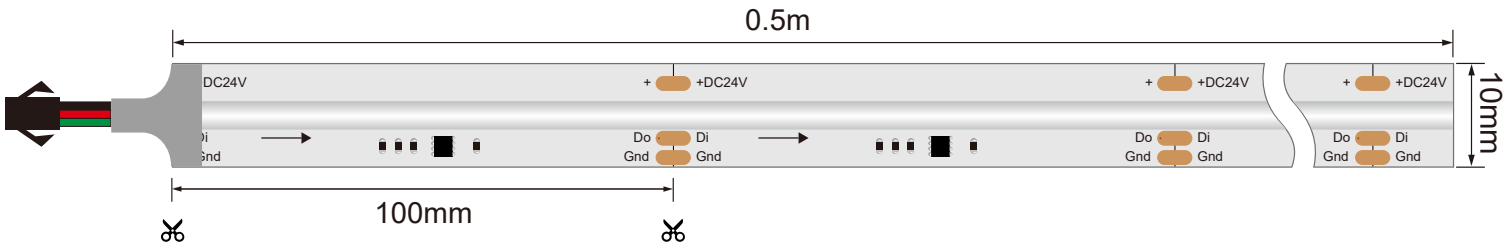
Color	WL(NM)	Ra	Beam angle	Lumen (Lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
R	620-630	/	180°	174	29	24	250	5
G	520-530			320	80		166	3
B	460-470			75	15		208	4
RGB	–			570	38		625	12

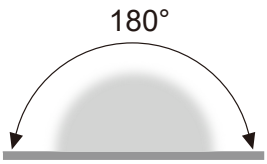
Other parameters:

IP grade	Working environment	Storage environment	Length (m)	Max connection Length (m)	LED Qty (pcs/m)	N.W (g/Roll)
IP20	-25℃~+45℃	-30℃~+80℃	5	5	420	135

Packaging parameters:

Packaging material	A roll(m)	A boxful (roll)	Total Qty(m)	size(mm)	G.W(Kg)
carton	5	100	500	L720*W280*H410	14.5





Processing custom waterproof process:

Silicone waterproof	Heat shrink sleeve	Silicone sleeve waterproof	Silicone (hollow) extrusion	Glue potting waterproof	Silicone (solid) extrusion
IP65	IP65	IP67	IP67	IP68	IP68

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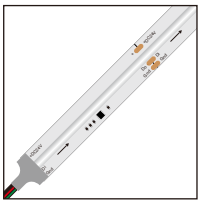
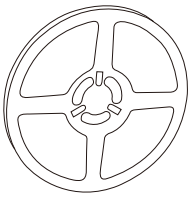
Package:



LED COB light strip

5m/roll

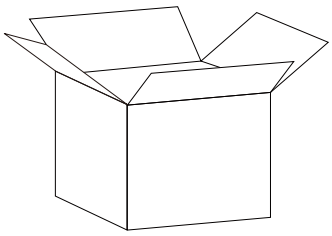


Reel

1 roll/1 bag

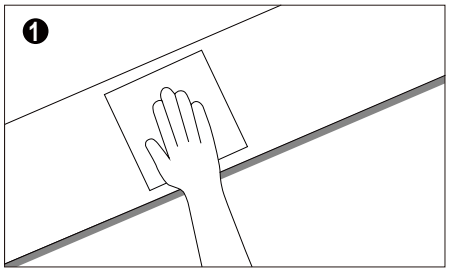
Anti-static aluminum foil bag

Provide suitable cartons according to the quantity

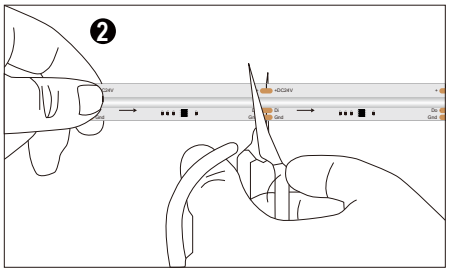


Outer box

Installation diagram:

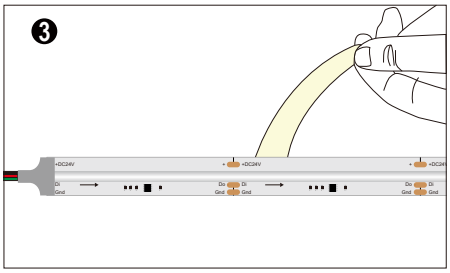


Clean the installation surface

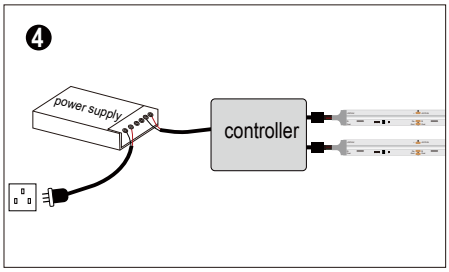


Measure the length you need toinstall, cut at the nearest scissor mark line.

For the left led strip, weld at the next scissor mark to connect with other connection wire.

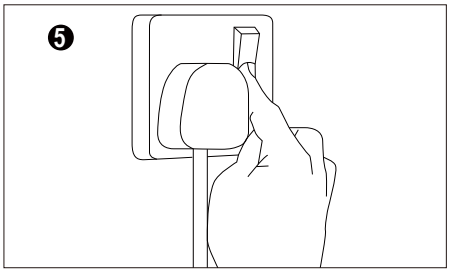


Tear off the double-sided adhesive tape on the back and paste it in a suitable position



Connect the GRB light belt line to the output port of the controller

Connect the input terminal line of the controller to the power supply, (positive pole to positive pole, negative pole to negative pole)



Turn on the power switch after confirming that the line is connected

Statements:

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

2). Please refer to the product manual before installation.

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

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

5). For safety, no touch the AC terminal.

6). Any acidic or alkaline substance is forbidden.

7). No notice for updated of this product.

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.
Inconsistent brightness or insuffiscent brightness	● overload of the driver	Use higher-power driver.
	● 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.