

5M/ Silicone extrusion strip/

COB/480pcs led/meter/DC24V/IP66

- The design of positive bending mini size, with a 10mm wide flat arc smooth surface and a thickness of 4.5mm. The light is uniform and there is no light spot.
- The arc-shaped appearance is made by one-step silicone extrusion molding process, with wire splicing and glue sealing design.
- It is made of high-quality vapor-phase silica gel, which is resistant to yellowing, UV, salt and alkali, high temperature and flame retardant.
- Led with one BIN system, good color consistent
- Adopting alloy wire scheme, ultra-high brightness, stable and reliable
- High CRI, RA90 for choice
- IP grade: 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&Electric:

Product Model	Color	CCT (K)	Ra	Beam angle (°)	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
480COB-24/10-9/5-R2R-IP66 940	WW	2700	≥90	120	903	86	24	438	10.5
	WW	3000	≥90	120	956	91	24	438	10.5
	NW	4000	≥90	120	1040	99	24	438	10.5
	CW	6000	≥90	120	1061	101	24	438	10.5

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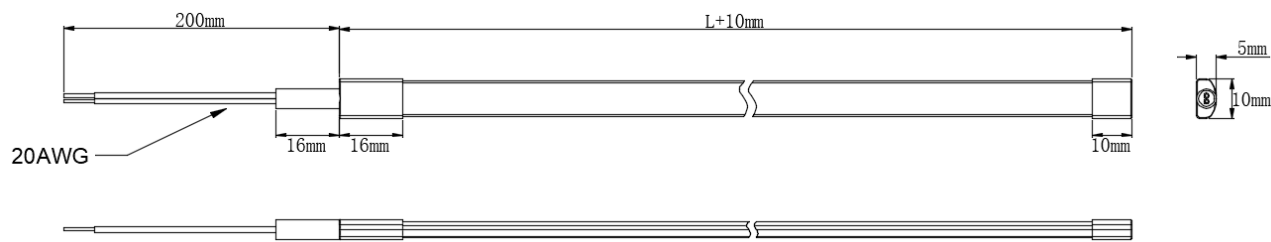
Other features:

Product Model	IP grade	Working environment (°C)	Storage environment (°C)	luminous surface	Bending direction	Bending radius (mm)	Transmit tance
480COB-24/10-9/5-R2R-IP66 940	IP66	-25~+45	-30~+80	Top bending	Top bending	≥30	≥95%

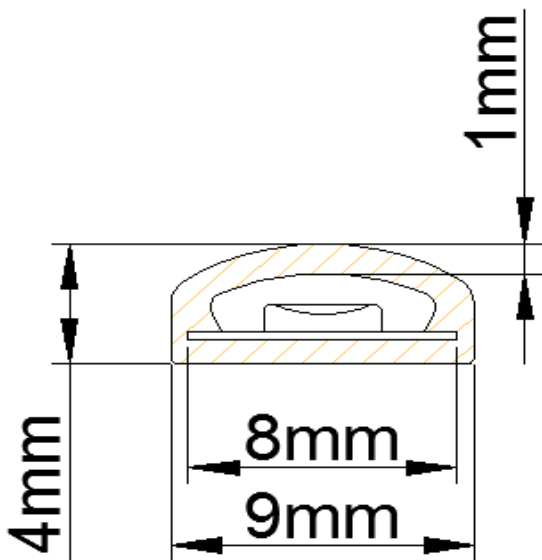
Notes:

- Testing environment temperature: 25±2℃;
- Above data confirmed on the basis of 1M sample, RA90, IP66.
- Different IP grade with different Data.
- Mark"—"means no testing requirement.

Dimensions:

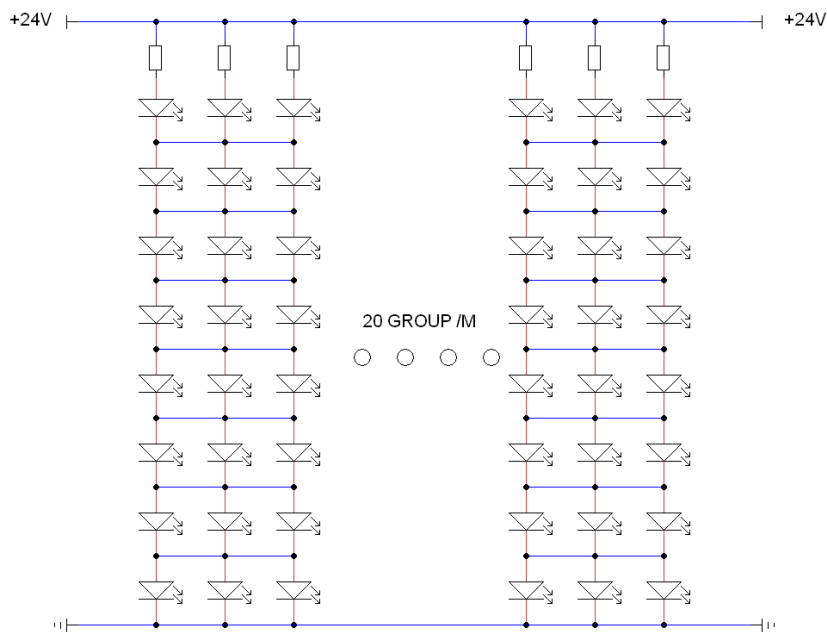


IP66
(Extrusion Molding)

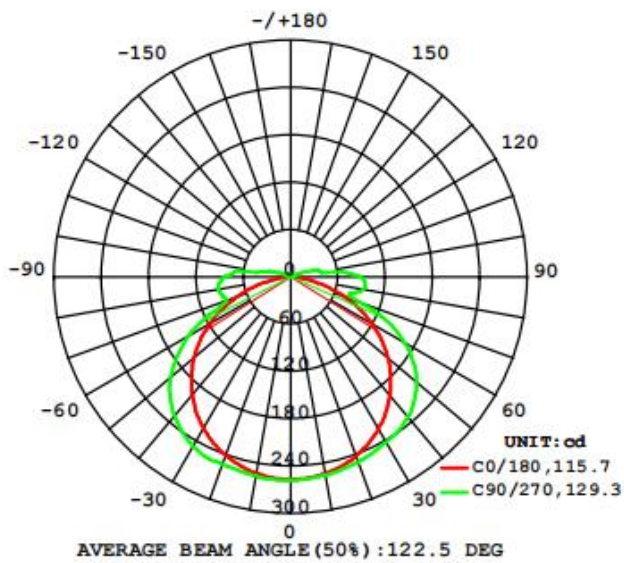
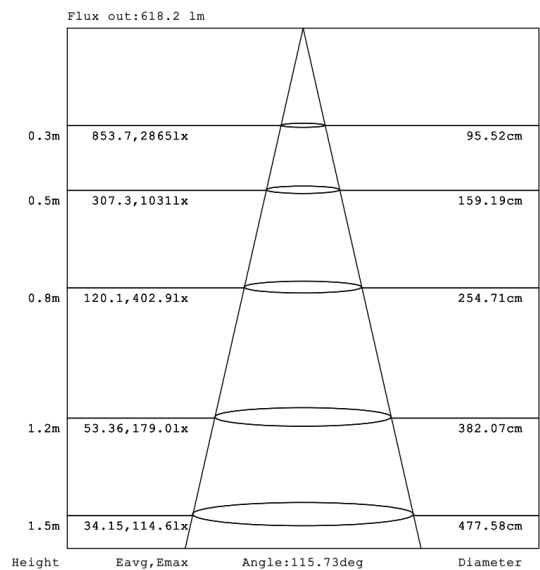


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Electric principle:



Optical/Lux graph:

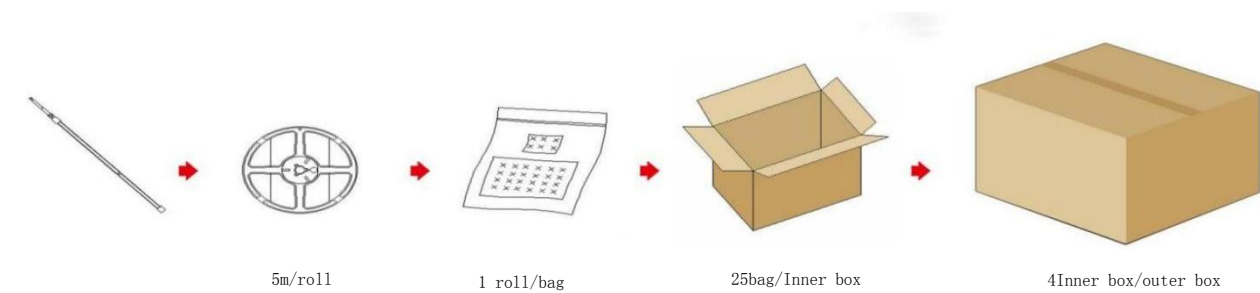


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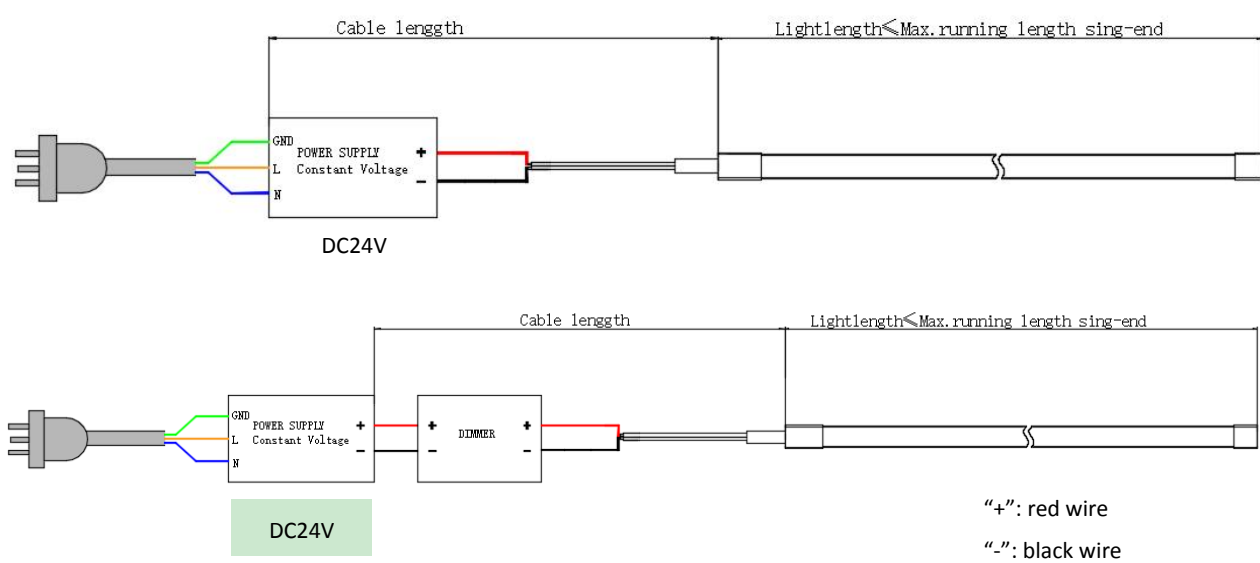
Package details:

Model	carton	Qty/Roll(m)	Qty/Carton(m)	Total Qty(m)	G.W(Kg)	size(mm)
480COB-24/10-9/5-R2R-IP66 940	inner box	5	125	125	6	L303*230*H260
	outer box	5	500	500	24.5	L620*472*H280

Package:



Schematic:



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

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Product and needed tools :



End Caps/outlet from end



End Caps/without hole

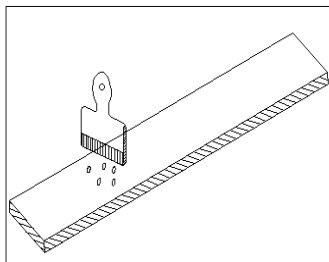


Silicone glue

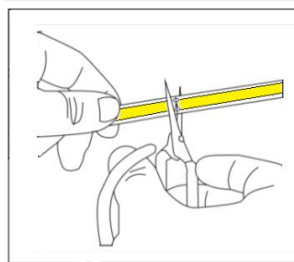


wires

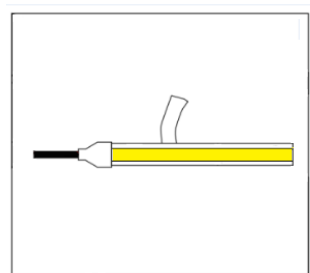
Installation steps:



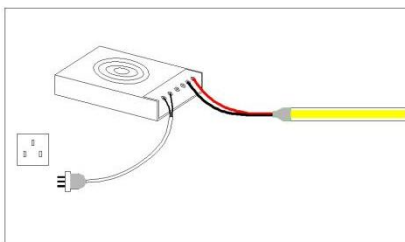
- Clean the installation surface



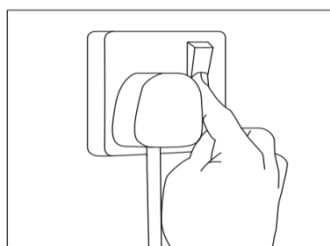
- Measure the length you need to install, cut at the nearest scissor mark line.
- For the left led strip, weld at the next scissor mark to connect with other connection wire.



- Do not pull the whole led strip from the back release paper by one time.



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

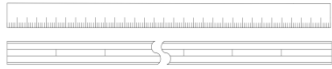


- Switch on and enjoy.

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Cutting welding and plug installation:



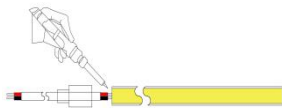
- Measure your needed length of the led Strip.



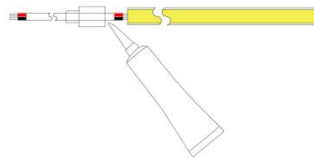
- Cut the needed led strip with scissors.



- Let the cable pass through the hole of the other end cap.



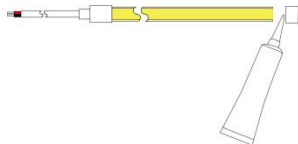
- Connect the cable to the welding pad.



- Scribble glue around the end of the led strip.



- Push the end cap to the end of the led strip,press it tightly.
- Wipe up the spilled glue with a rag



- Scribble glue around the end of the led strip.
- Push the end cap to the end of the led strip,press it tightly.

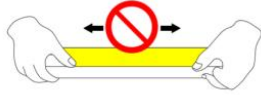


- wait for glue solidified,installation completed.

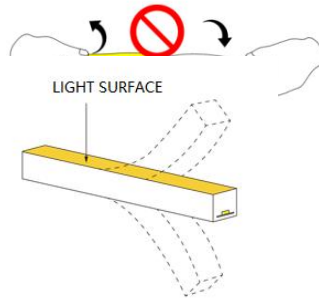
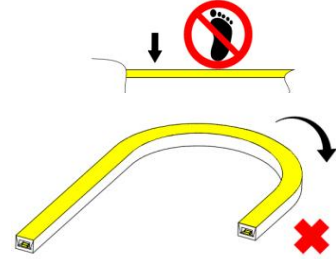
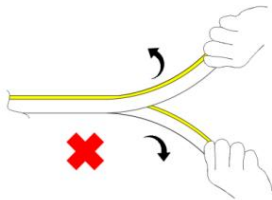
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Attentions:



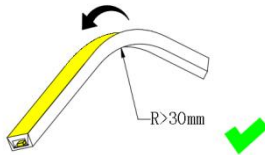
- No stretching



- Do not repeatedly bend the LED strips

- The correct bending direction is up and down perpendicular to the luminous surface.

- Do not bend horizontally in the direction of the luminous surface.



- The bending radius should be greater than 30mm.

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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.
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) 。
		Adjust the led strip quantity, make sure sufficient power supply.
		Check,find and solve it.
LED flash	● 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.