



FCOB432-220-M12

FLEXIBLE STRIP INTRODUCTION

Product specification

Lister: 精

Assessor: 张

Approver: 李

50M/FCOB high voltage LED strips/

432PCS LED/meter/AC200-240V/IP67/12mm

- IP67 extrusion process, suitable for indoor and outdoor use
- Input voltage: AC 200-240V
- 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
- Longer life span with 3 years warranty
- IP grade: IP67,IP68 available



Application:

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

Installation:

3M Adhesive

Warranty:

3 Years



Product Model	Color	CCT (K)	Ra	Beam angle (°)	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V AC)	Current (mA/m)	Power (W/m)
FCOB432-220-M12	WW	2700	≥90	180	720	60	220	54.5	12
FCOB432-220-M12	WW	3000	≥90	180	780	65	220	54.5	12
FCOB432-220-M12	NW	4000	≥90	180	900	75	220	54.5	12
FCOB432-220-M12	CW	6000	≥90	180	900	75	220	54.5	12

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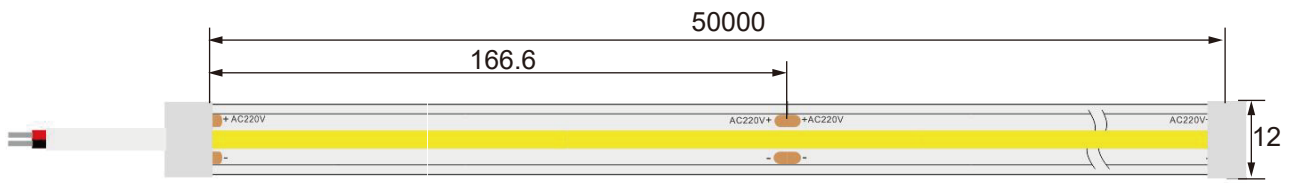
Other features:

Product model	IP grade	Working environment (°C)	Storage environment (°C)	Length (m)	Max connection length (m)	LED Qty (pcs/m)	N.W (g/roll)
FCOB432-220-M12	IP67	-25~+45	-30~+80	50	50	432	3300

Notes:

- Testing environment temperature: 25±2°C;
- Above data confirmed on the basis of 1m sample, 3000k, IP67.
- Different IP grade with different data.
- Mark"—"means no testing requirement.

Dimensions:



IP67

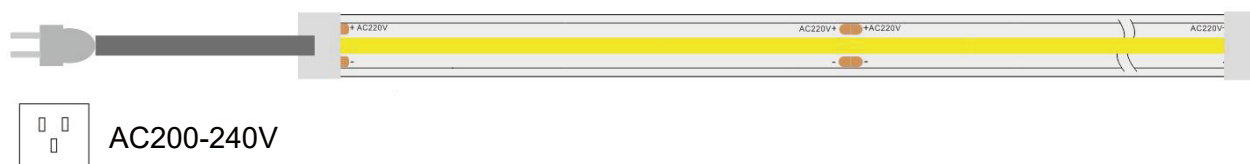


IP68

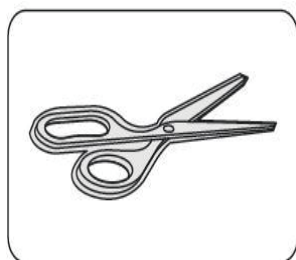
Package details:

Model	Carton	Qty/Roll(m)	Qty/Carton(m)	Total Qty(m)	G.W(Kg)	Size(mm)
FCOB432-220V-M12	Outer box	50	100	100	6.7	L220*W220*H290

Schematic:

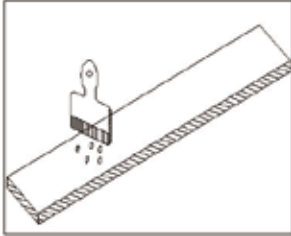


Product and needed tools:

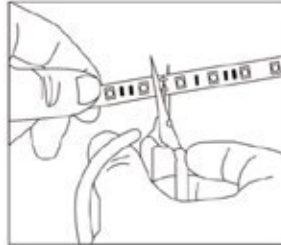


Needed tools
Scissor

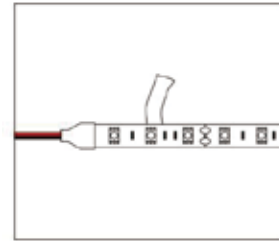
Installation steps:



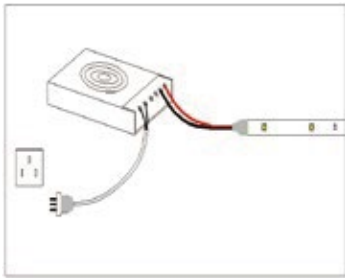
- Clean the installation surface



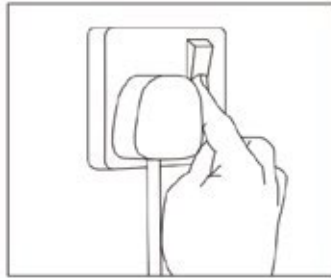
- Measure the length you need to install, cut at the nearest scissor mark line.
- For the left LED strip, weld at the next scissor mark to connect with other connection wire.



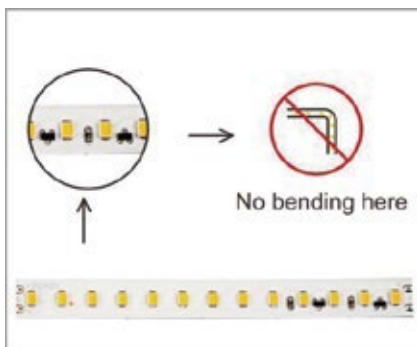
- Do not pull the whole LED strip from the back release paper by one time. no press on the leds.



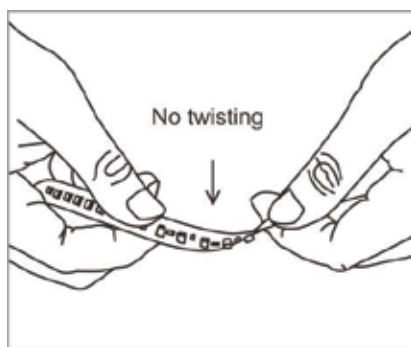
- Connect the LED strip wire to the driver output side (Positive to positive, negative to negative.)
- Connect the driver input side to power-supply.



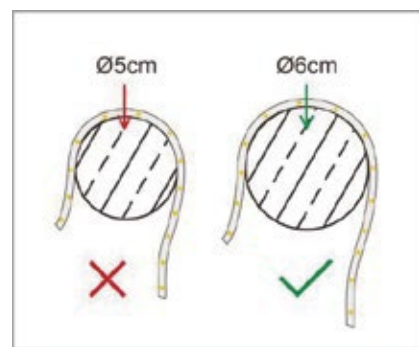
- Switch on and enjoy.



- No bending at the point of leds



- No contortion of the LED strip.



- No bending with diameter < 6cm

Usual problem with solutions:

Problem	Possible reasons	Solution
	<ul style="list-style-type: none"> No power supply 	Give power supply.
All fail	<ul style="list-style-type: none"> Automatic switch-off because of the open circuit and short circuit 	Solve the problem, switch on again.
	<ul style="list-style-type: none"> Wrong connection (positive connect with negative) 	Check and get right connection.
	<ul style="list-style-type: none"> Part power-supply fail 	Check and make sure the power supply well.
Part fail	<ul style="list-style-type: none"> Part circuit error 	
	<ul style="list-style-type: none"> Part wrong connection(positive connect negative) 	Check and get right connection.
	<ul style="list-style-type: none"> Overload of the driver 	Use higher-power driver.
Inconsistent brightness or insufficient brightness	<ul style="list-style-type: none"> 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).
	<ul style="list-style-type: none"> Too many LED strips connection 	Adjust the LED strip quantity, make sure sufficient power supply.
LED flash	<ul style="list-style-type: none"> Poor welding connection of wires 	Check,find and solve it.
	<ul style="list-style-type: none"> 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.
- For safety, no touch the AC terminal.
- Any acidic or alkaline substance is forbidden.
- No notice for updated of this product.