The background is a light blue gradient. On the left side, there are several white, overlapping, wavy lines that curve downwards and to the right, creating a sense of movement and depth.

FUllights

5M/FCOB constant voltage strips/

320 pcs chip/meter/DC12&24V/IP20/8mm

- Big beam angle, no dark area, flexible line source with good heat dissipation.
- Adopting inverted FCOB technology, the color is pure and there are no dark spots No welding points.
- 8MM LED strip, smaller size, wide range of applications.
- Ra>90, high color rendering index.
- Step length:12V-25mm、24V-50mm,double PCB,reduce the voltage drop.
- IP grade: IP20, IP65,IP66.



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	CCT (K)	Ra	Beam angle (°)	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
FL-FCOBW160-WF0	WW	2700	≥90	140	760	95	12/24	667/333	8
FL-FCOBW160-WF0	WW	3000	≥90	140	840	105	12/24	667/333	8
FL-FCOBN160-WF0	NW	4000	≥90	140	864	108	12/24	667/333	8
FL-FCOBC160-WF0	CW	6500	≥90	140	856	107	12/24	667/333	8

5M/FCOB constant voltage strips/

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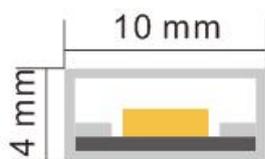
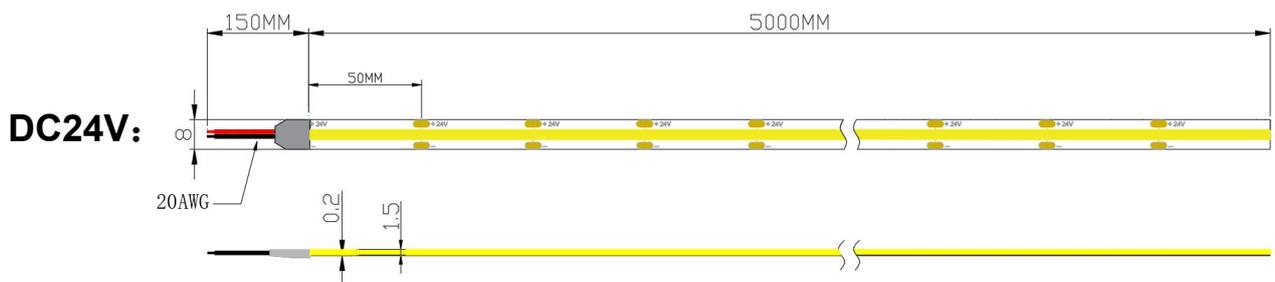
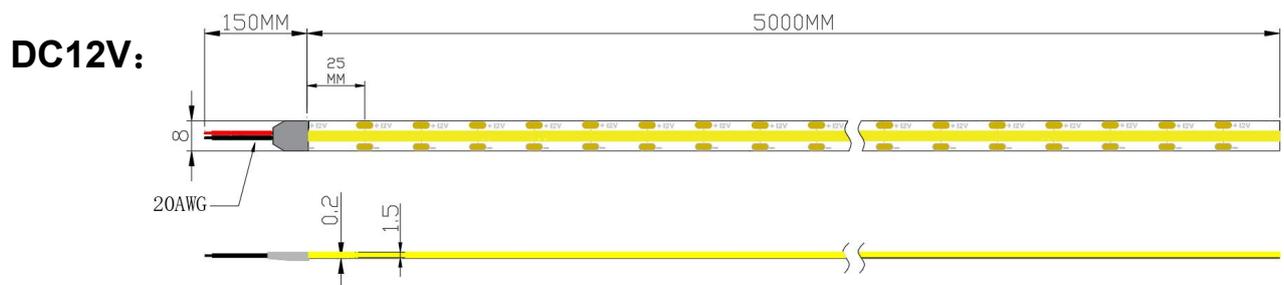
Other features:

Product Model	IP grade	Working environment (°C)	Storage environment (°C)	Length (m)	Max connection Length (m)	LED Qty (pcs/m)	N.W (g/Roll)
FL-FCOBX160-WF0-5M-12&24-K008	IP20	-25~+45	-30~+80	5	5	320	45

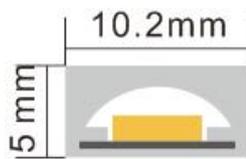
Notes:

- Testing environment temperature: 25±2°C.
- The above data source is indeed sample data, data confirmation.IP20.
- Different IP grade with different Data.
- Mark"—"means no testing requirement.

Dimensions:



IP66
(Silicone tube)

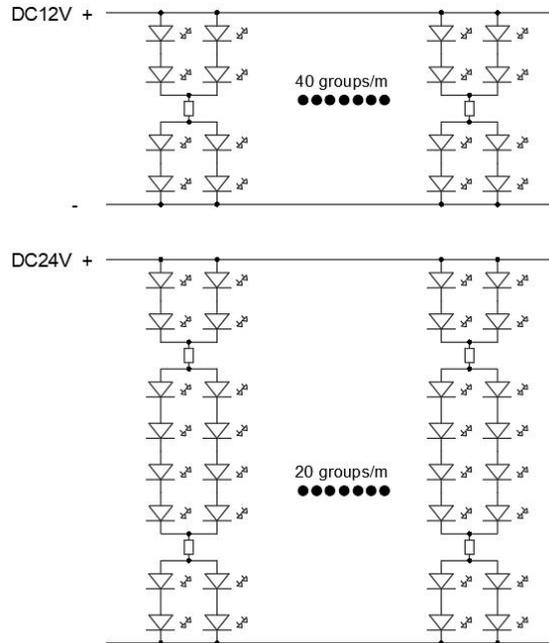


IP67
(Extrusion Molding)

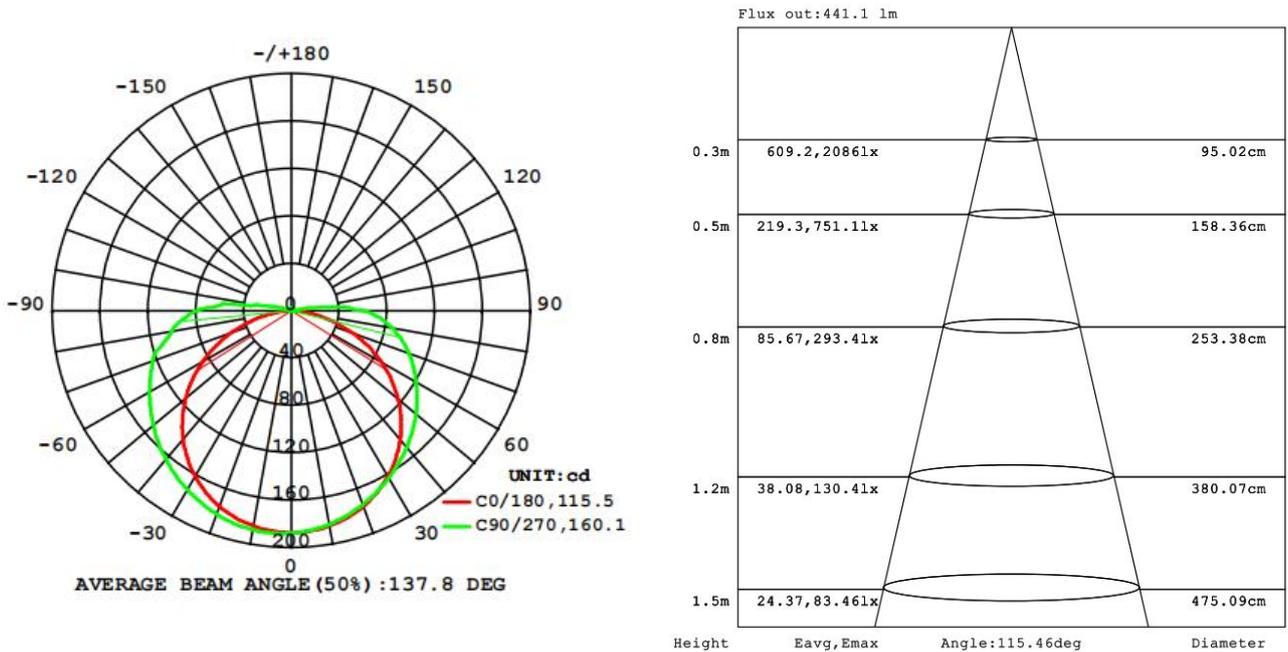
5M/FCOB constant voltage strips/

320 pcs chip/meter/DC12&24V/IP20/8mm

Electrial principle:



Optical/Lux graph:



5M/FCOB constant voltage strips/

320 pcs chip/meter/DC12&24V/IP20/8mm

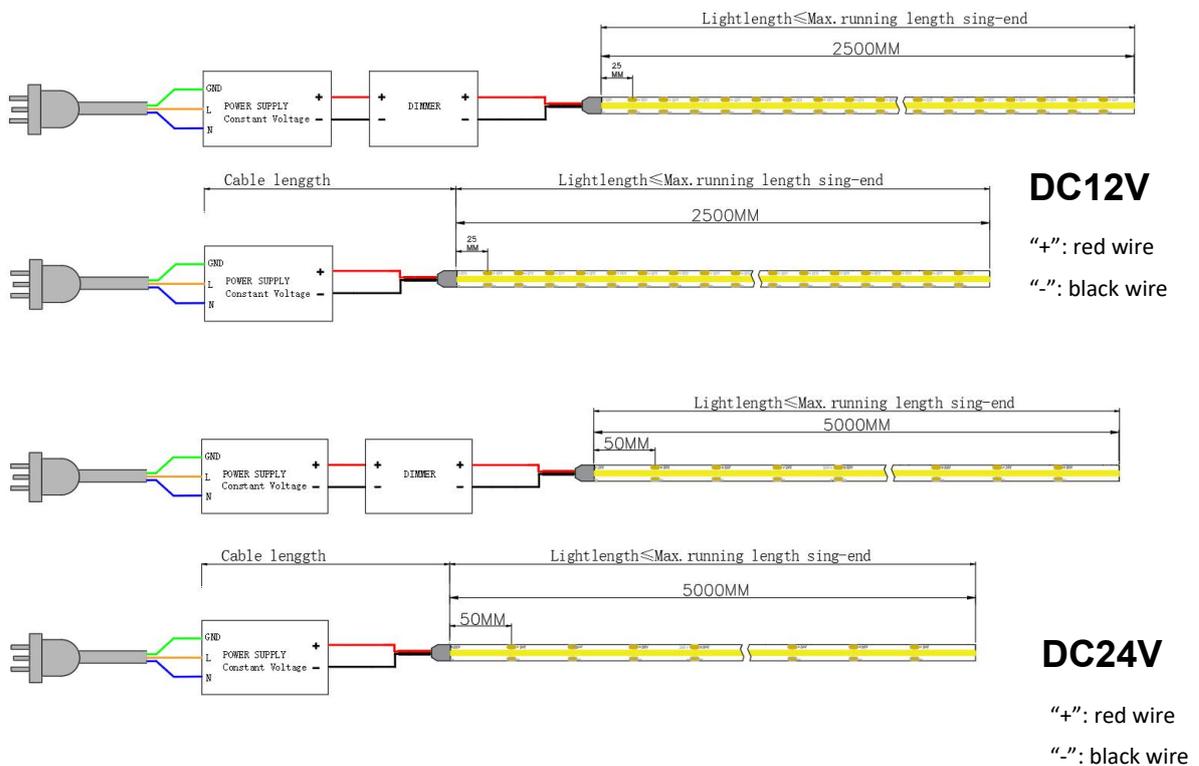
Package details :

Model	carton	Qty/Roll(m)	Qty/Carton (m)	Total Qty(m)	G.W(Kg)	size(mm)
FL-FCOBX160-WF0	inner box	5	125	125	2.78	L303*W230*H260
	outer box	5	500	500	11.88	L620*W472*H280

Package :



Schematic :



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

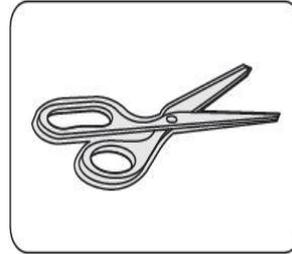
5M/FCOB constant voltage strips/

320 pcs chip/meter/DC12&24V/IP20/8mm

Product and needed tools :

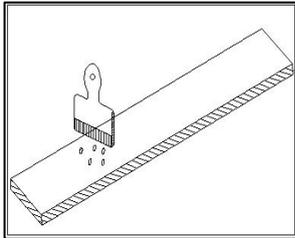


Product
Led strip

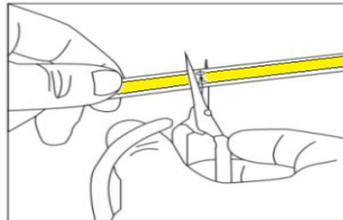


Needed tools
scissor

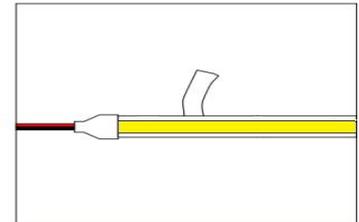
Installation steps:



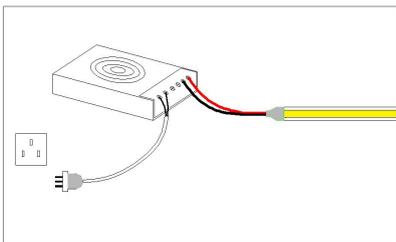
- Clean the installation surface



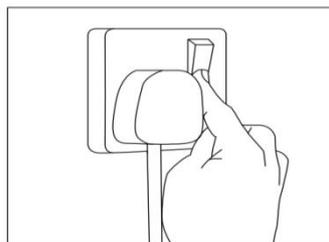
- Measure the length you need to install, cut at the nearest scissor mark line.
- For the left led strip, weld at the next scissor mark to connect with other connection wire.



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



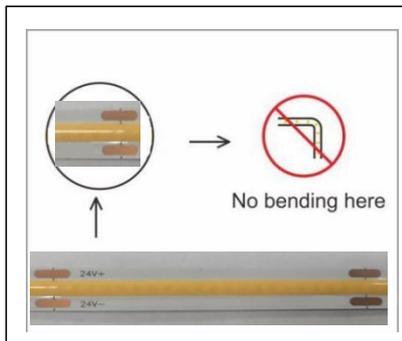
- Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)
- Connect the driver input side to power-supply.



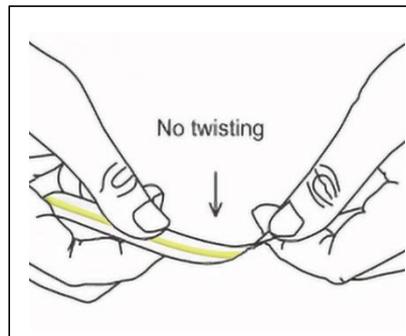
- Switch on and enjoy.

5M/FCOB constant voltage strips/

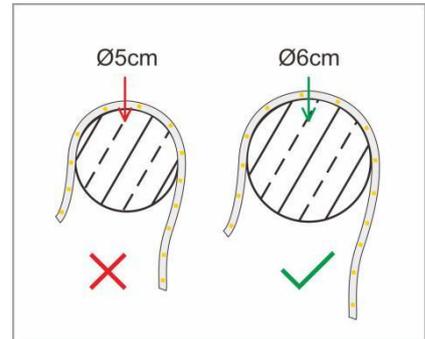
320 pcs chip/meter/DC12&24V/IP20/8mm



- 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
All fail	<ul style="list-style-type: none"> ● No power supply 	Give power supply.
	<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.
Part fail	<ul style="list-style-type: none"> ● Part power-supply fail 	Check and make sure the power supply well.
	<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.
Inconsistent brightness or insuffiscent brightness	<ul style="list-style-type: none"> ● overload of the driver 	Use higher-power driver.
	<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.

5M/FCOB constant voltage strips/

320 pcs chip/meter/DC12&24V/IP20/8mm

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.
- Fulights reserve the final interpretation of the specification.

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