

5M/COB Digital(SPI) Led strips/

360pcs led/meter/DC24V/IP20/10mm

- COB design, 360 leds/m, 12pcs external IC per meter, better linear light effect.
- We use smart IC WS2811.
- Ideal light source for LED linear light.
- CE&ROHS certificated.



Application:

Widely used in hotels, shopping malls, furniture 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)
360COB-24/11-10/5-SPI	W	3000	90	140	610	53	24	458	11.0
	N	4000	90	140	667	58	24	458	11.0
	C	6500	90	140	702	61	24	458	11.0

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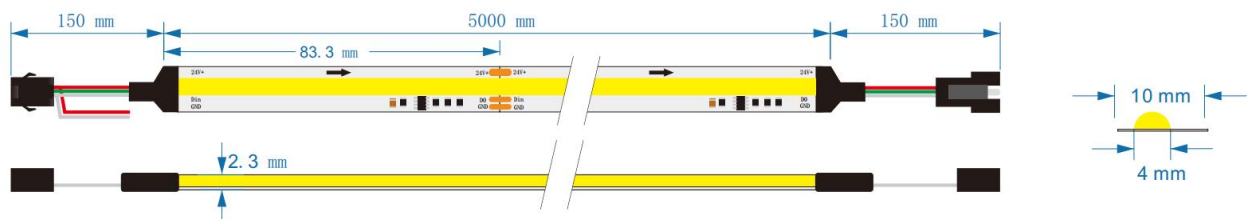
Other features:

Product Model	IP grade	Working environment (°C)	Storage environment (°C)	Length (m)	Max connection Length (m)	LED Qty (pcs/m)	N.W (g/Roll)
360COB-24_11-10_5-SPI	IP20	-25~+45	-30~+80	5	5	360	118

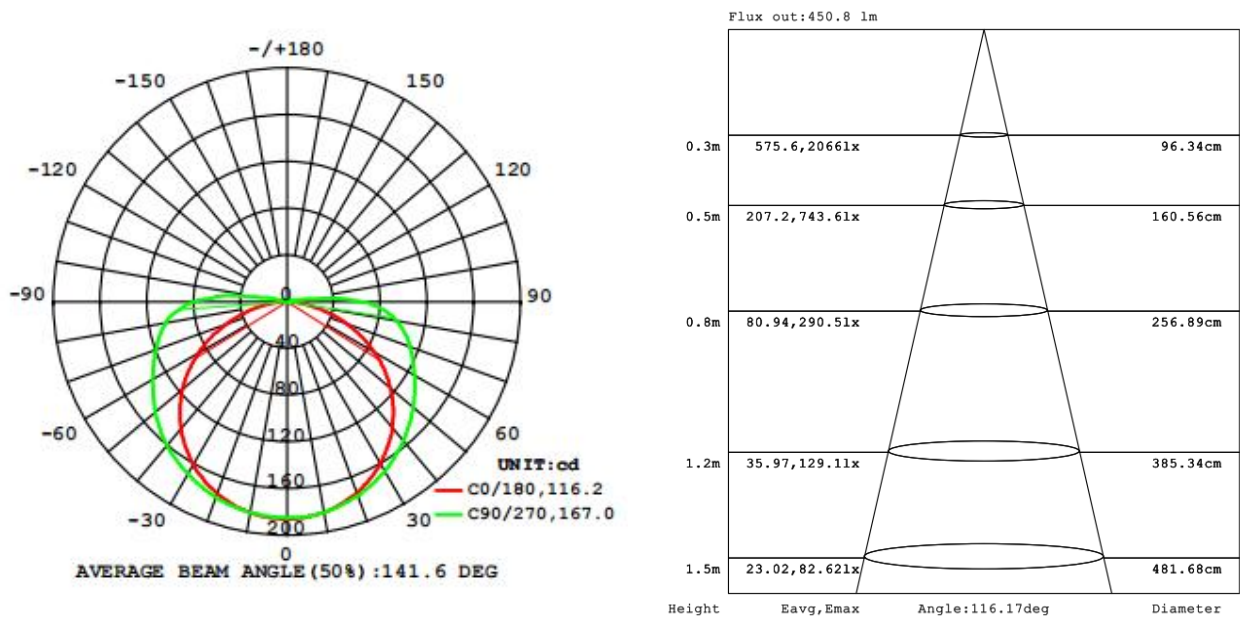
Notes:

- Testing environment temperature: 25±2°C ;
- Above data confirmed on the basis of 1M sample, 4000K, IP20.
- Different IP grade with different Data.
- Mark"—"means no testing requirement.

Demensions:



Optical/Lux graph:



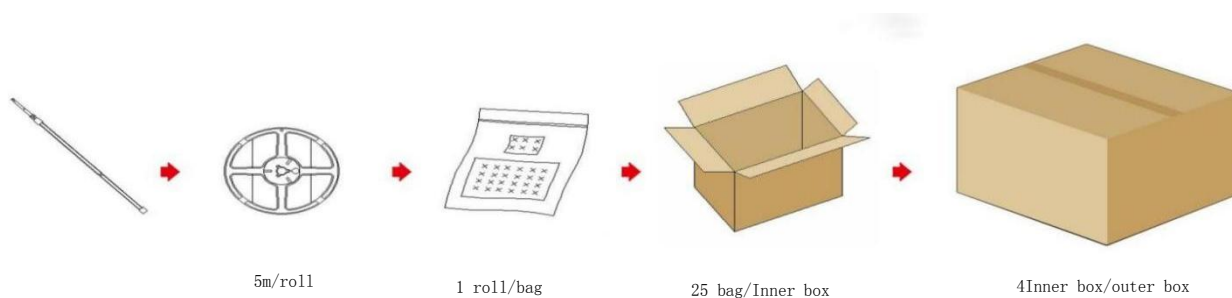
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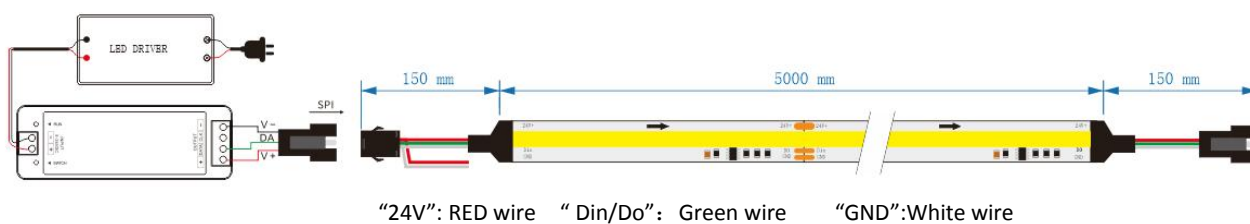
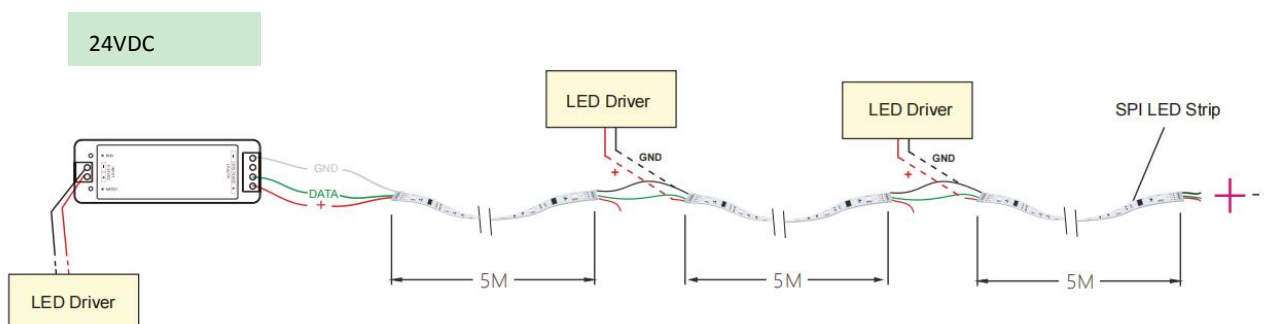
Package details:

Model	carton	Qty/Roll(m))	Qty/Carton(m)	Total Qty(m)	G.W(Kg)	size(mm)
360COB-24_11-10_5-SPI	inner box	5	125	125	3.2	L303*W230*H260
	outer box	5	500	500	14	L620*W472*H280

Package:



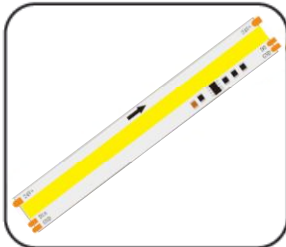
Schematic:



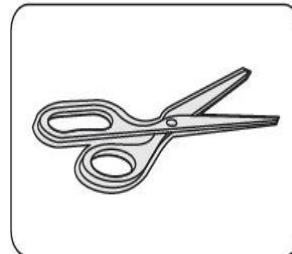
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Product and needed tools:

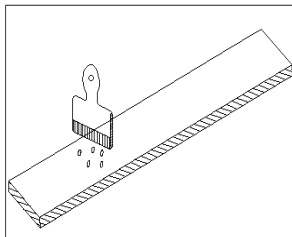


Product
Led strip

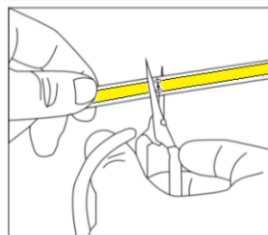


Needed tools
scissor

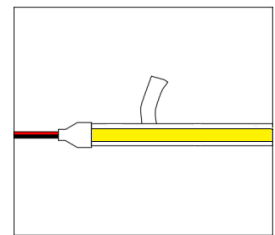
Installation steps:



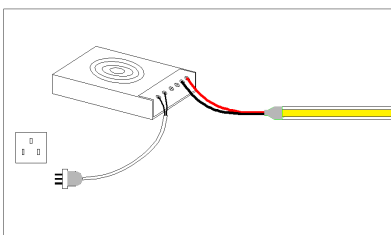
- Clean the installation surface



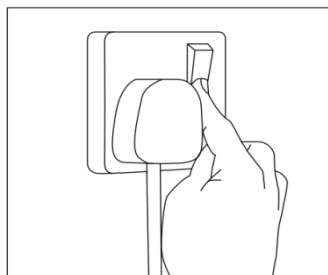
- Measure the length you need to install, cut at the nearest scissor mark line.
- For the left led strip, weld at the next scissor mark to connect with other connection wire.



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



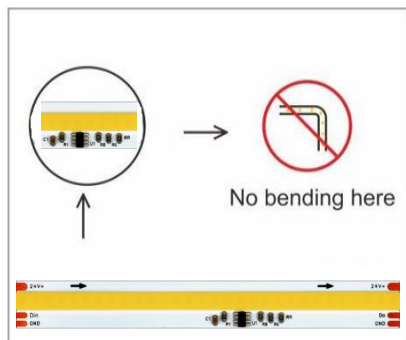
- Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)
- Connect the driver input side to power-supply.



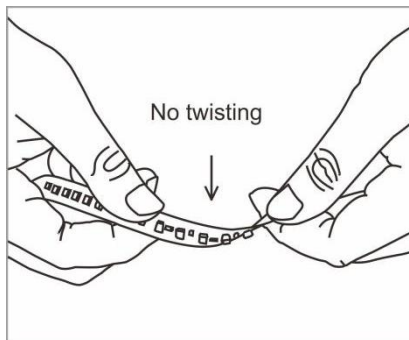
- Switch on and enjoy.

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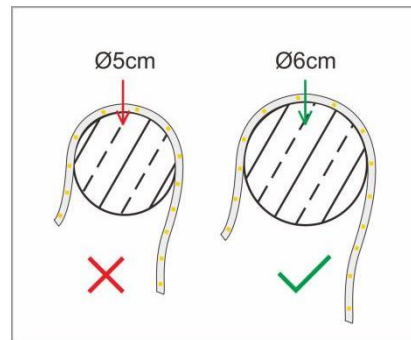
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- No bending at the point of leds



- 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.
Part fail	<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.
	<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. 	<p>Keep the strip working voltage is more or less 5% than the Rated voltage.</p> <p>1.shorten the connection cable length, or change to thicker cable.</p> <p>2.Make sure the strip quantity is less than the allowed connection quantity.Keep the led strip quantity of each series similar) 。</p>

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LED flash	● Too many Led strips connection	Adjust the led strip quantity, make sure sufficient power supply.
	● 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.
- For safety, no touch the AC terminal.
- Any acidic or alkaline substance is forbidden.
- No notice for updated of this product.