

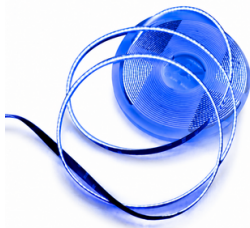


## RGBW COB LED Strip

784 LED/M

### Description:

**RGBW COB LED Strip** featuring ultra-uniform, dot-free illumination with a wide beam angle for smooth light distribution and reduced dark spots. Engineered with 784 LEDs per meter for superior color consistency and seamless RGBW performance. Ideal for indoor architectural, cove, and decorative lighting applications. IP20 rated for dry location use.



**Model: STRL1924CO20RGB3SW/10**

#### Optical:

CCT: RGBW  
Lumen Efficacy: 44 lm/W RGB  
LED Type: COB

#### Electrical:

Rated Power: 19W/m  
Input voltage: 24 VDC

#### Life:

Lifespan: 50,000 Hours  
Warranty: 2 Years

#### General:

Available IP: IP20  
Operating temperature: -25°C~45°C  
Storage environment: -30~+80

### Optical&Electrial

Product Model	Color	WL(nm)	Ra	Beam angle	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
FCOBRGBN392-WF0	R	620-630	—	140°	144	24	24	250	6
FCOBRGBN392-WF0	G	520-530	—	140°	378	126	24	125	3
FCOBRGBN392-WF0	B	450-460	—	140°	86	19	24	188	4.5
FCOBRGBN392-WF0	W	4000	90	140°	429	78	24	229	5.5
FCOBRGBN392-WF0	RGB	—	—	140°	594	44	24	563	13.5

Due to continuous improvements, the information herein may be changed without notice

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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)
FCOBRGBX392-W F0	IP20	-25~+45	-30~+80	5	5	784	132

### Notes:

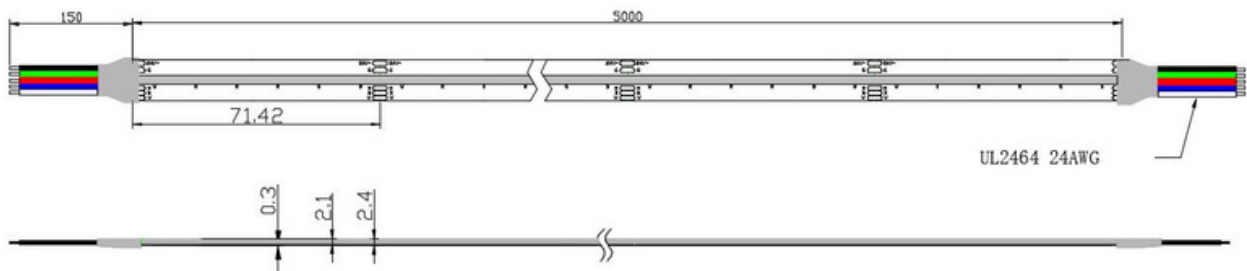
Testing environment temperature: 25±2°C.

Above data confirmed on the basis of 1M sample,RGB+4000K,IP20.

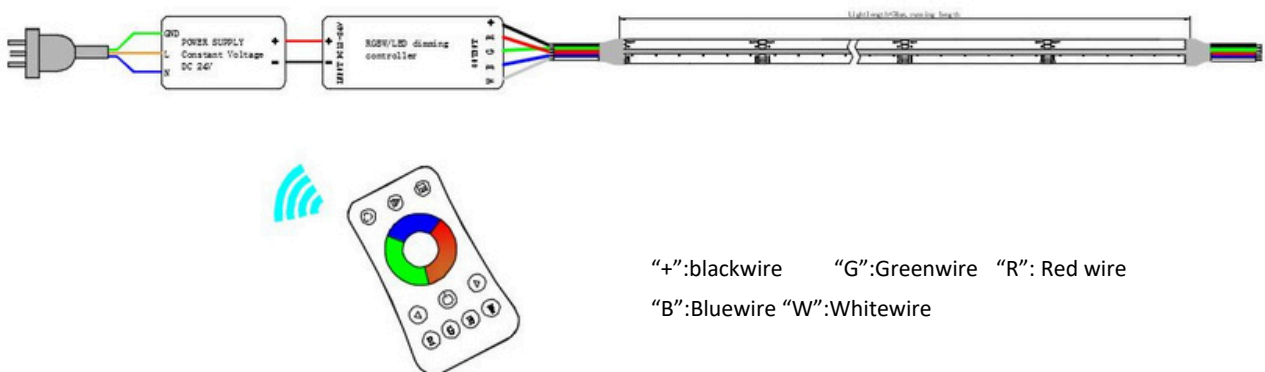
Different IP grade with different Data.

Mark"—"means no testing requirement.

### Dimensions

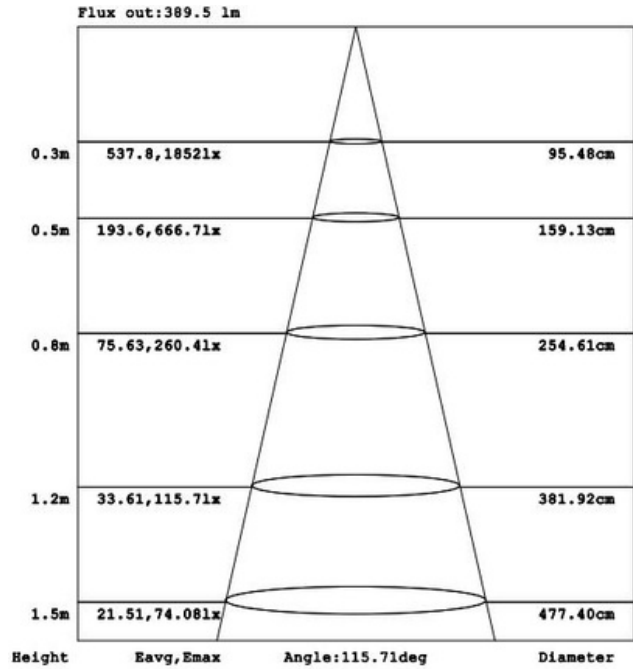
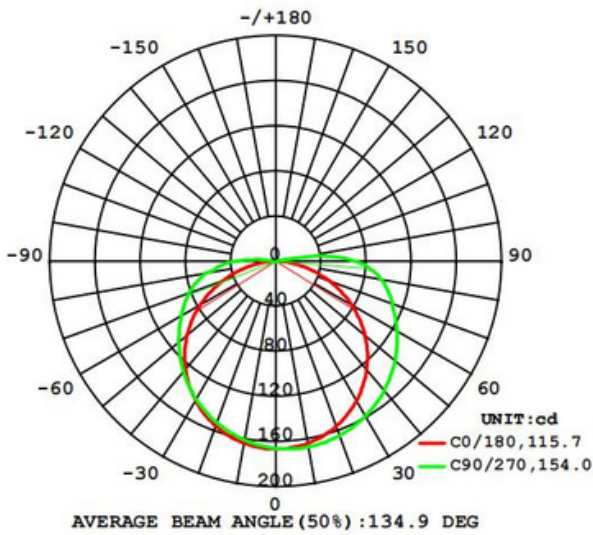


### Schematic





**Optical/Lux graph**

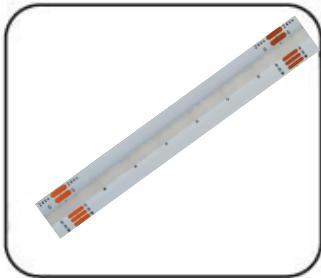


- The positive electrode of the lamp is connected to the positive electrode of the controller; The green line of the light strip is connected to the "G" output end of the controller;
- The red line of the light bar is connected to the "R" output of the controller;
- The blue line of the light bar is connected to the "B" output end of the controller;
- The white line of the light bar is connected to the "W" output end of the controller)

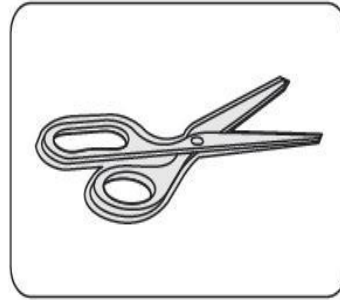


## RGBW COB LED Strip 784 LED/M

### Product and needed tools

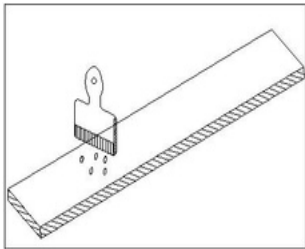


**Product**  
Led strip

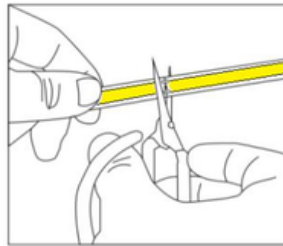


**Needed tools**  
scissor

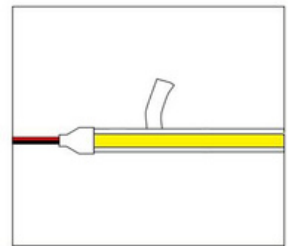
### Installation steps



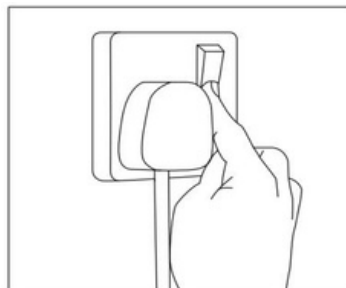
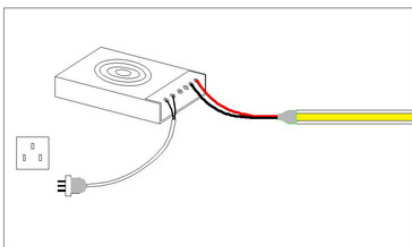
- Clean the installation surface



- 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.

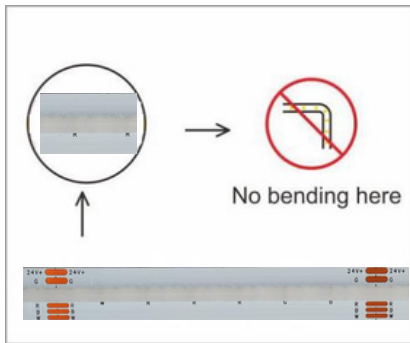




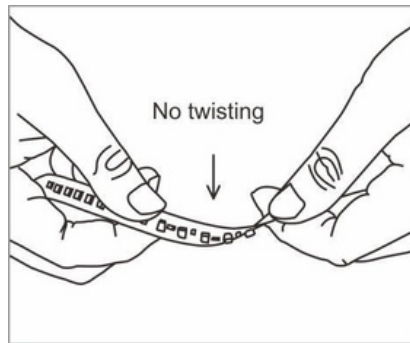
**RGBW COB LED Strip**  
784 LED/M



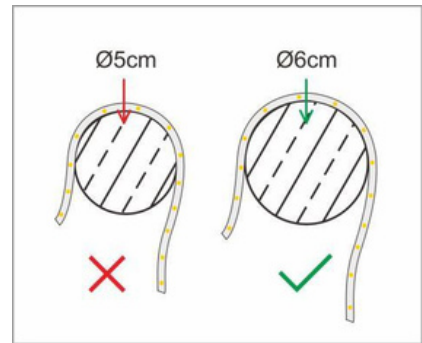
- Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)
- Connect the driver input side to power-supply.
- Switch on and enjoy.



- 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
All fail	<ul style="list-style-type: none"> <li>• No power supply</li> </ul>	Give power supply.
	<ul style="list-style-type: none"> <li>• Automatic switch-off because of the open circuit and short circuit</li> </ul>	Solve the problem, switch on again.
Part fail	<ul style="list-style-type: none"> <li>• Wrong connection (positive connect with negative)</li> </ul>	Check and get right connection.
	<ul style="list-style-type: none"> <li>• Part power-supply fail</li> </ul>	Check and make sure the power supply well.
	<ul style="list-style-type: none"> <li>• Part circuit error</li> </ul>	
	<ul style="list-style-type: none"> <li>• Part wrong connection(positive connect negative)</li> </ul>	Check and get right connection.



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	<ul style="list-style-type: none"> <li>• overload of the driver</li> </ul>	Use higher-power driver.
Inconsistent brightness or insufficient brightness	<ul style="list-style-type: none"> <li>• Too big power consumption of the switch, or unbalanced power consumption from different strip series.</li> </ul>	<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>
LED flash	<ul style="list-style-type: none"> <li>• Too many Led strips connection</li> <li>• Poor welding connection of wires</li> </ul>	<p>Adjust the led strip quantity, make sure sufficient power supply.</p> <p>Check,find and solve it.</p>
	<ul style="list-style-type: none"> <li>• switch problem</li> </ul>	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.
- Starwire reserve the final interpretation of the specification.