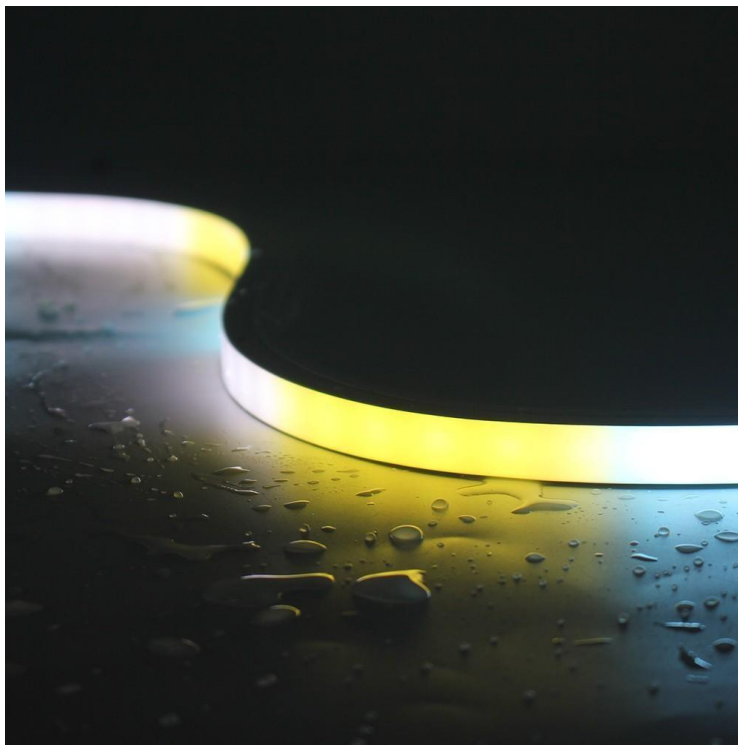
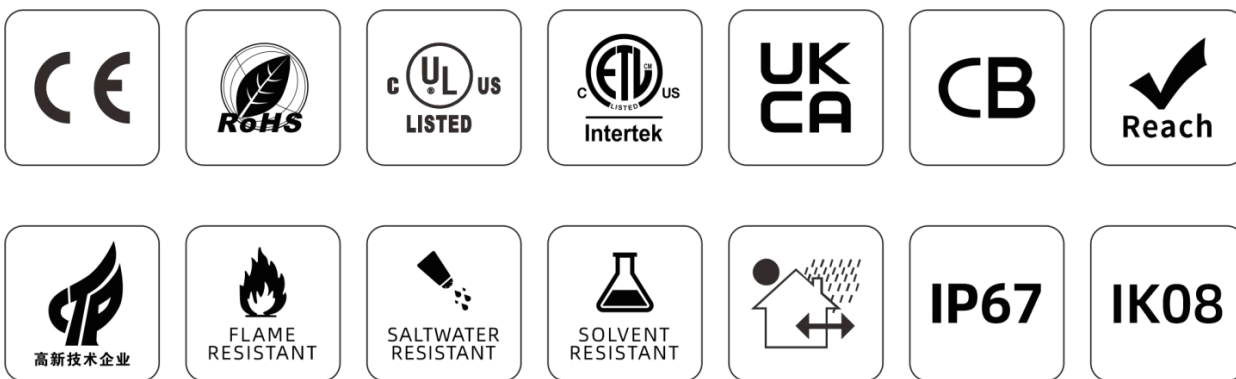




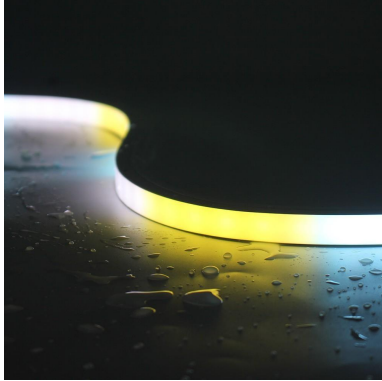
1616 Top Bend Neon Flex



Model: ST-LD-NEO-XXXXX-XW-XK-1616-IPXX

1616 Top Bend Neon Flex

Picture :



Key Features:

- ❖ Unique ID design with Eco-friendly silicone
- ❖ Strict binning process, single bin LEDs are selected for color consistency
- ❖ Optional LED package including SMD2219/2835/5050
- ❖ It is resistant to yellowing, high temperature resistance and corrosion resistance, and easy to install
- ❖ Waterproof Rated IP68
- ❖ CE、RoHS、UL、ETL、IK08 Certificate Listed

Application:

Suitable for architecture lighting, park lighting, frequently used as direct/indirect/decoration lighting in hotels, shopping mall, home, cabinet and shelves.

Warranty: 3/5 Years

1	Constant Voltage	FC: Constant Current,	FS: Set
2	Voltage:	24: 24V.....	
3	Width:	10: 10mm, 12:12mm.....	
4	LEDs/Meter:	060: 60LED 120:120LED 140:140LED.....	
5	LED Package:	2835 5050.....	
6	Power/Meter:	08: 8W 10:10W 12: 12W 14: 14W.....	
7	CRI:	8: 80; 9: 90 U: 95	
8	CCT:	27: 2700K 30:3000K 65: 6500K CW RGB SPI DMX..... 40: 4000K RGBW(6K) RGBWW	
9	Neon Flex Series		
10	Appearance:	W: White + Milky B: Black + Milky T	
11	Bend Type:	S: Side Bend D: Top Bend	
12	Product Size:	1616: W16xH16mm.....	

Technical Parameters

PN	LED	CCT (K)	CRI	SDCM	Beam Angle	LEDs/M	Lumens (lm/M)	Voltage	Current (mA/m)	Power (W/m)	FPC Width	Cut Length	Max Run
ST-LD-NEO-XXXXX-XW-XK-1616-IPXX	2835	2700	80/90	/	120°	140	700	24V	500mA	12W	12mm	50mm	5m
		3000					700						
		4000					720						
		6500					720						
FV2412192283512-8CW-FWD1616	2835	2700-6500K	80/90	/	120°	192	600	24	583mA	12W	12mm	62.5	5m
FV2412060505012-RGB-FWD1616	5050	R: 620-625	/	/	120°	60	40	24	500mA	12W	12mm	100mm	5m
		G: 515-520					96						
		B: 465-470					24						
FV2412084505012-SPI-FWD1616	5050	R: 620-625	/	/	120°	84	60	24	541mA	13W	12mm	83.3mm	5m
		G: 515-520					140						
		B: 465-470					36						
FV2412084505012-DMX-FWD1616	5050	R: 620-625	/	/	120°	84	60	24	541mA	14W	12mm	83.3mm	5m
		G: 515-520					140						
		B: 465-470					36						
		2700/6500K					160						

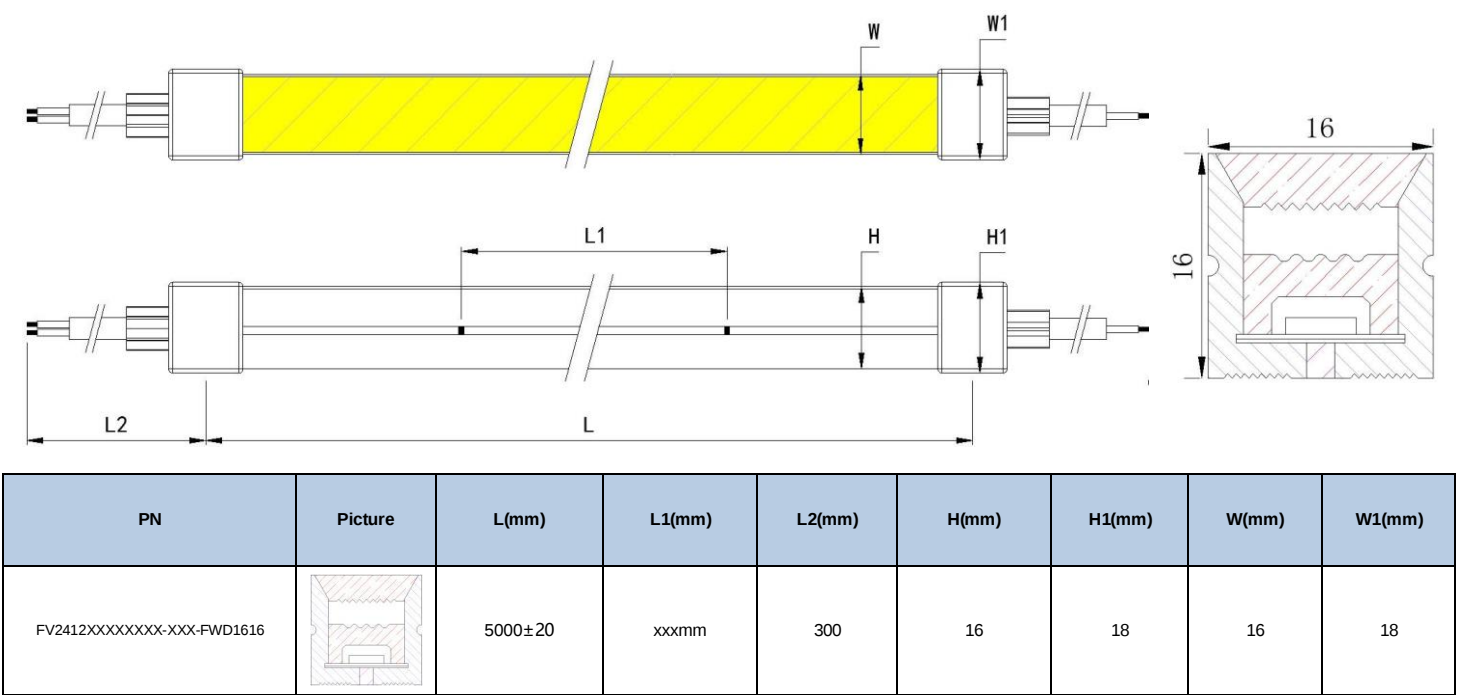
Other Specifications:

PN	Protection Grade	Working Temperature (°C)	Storage Temperature (°C)	Meter/Reel	Max Run(m)	LED QTY. (pcs/m)
FV2412XXXXXXX-XXX-FWD1616	PI67	-25~+60	-25~+70	5	5	/

Notes:

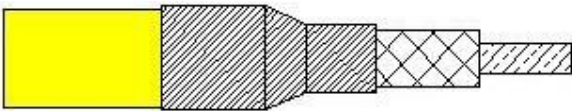
- Physical specifications according to 4000K@CRI80(2219 series based on CRI90) under $25 \pm 2^{\circ}\text{C}$ ambient temperature test.
- The listed is the typical value, actual value may differ; changes may be made without notice.
- Please refer to the actual for unlisted CCT.
- Tolerance for Power, Luminous Flux, Efficacy is $\pm 10\%$.

Dimensions:(UOM:mm)

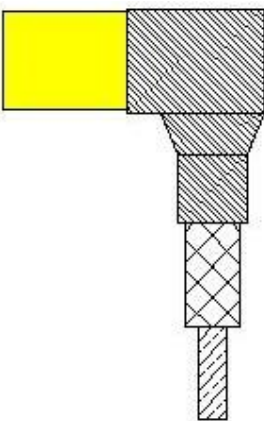


Cable out method:

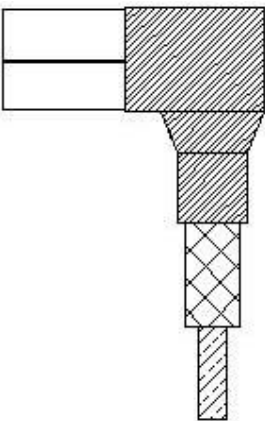
Direct cable out



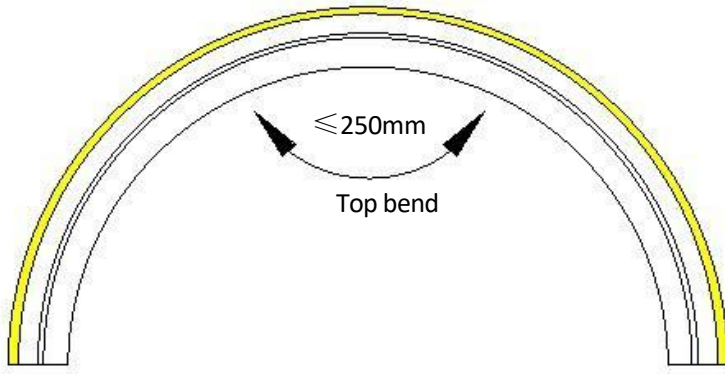
Side cable out



Bottom cable out



Bend diameter:

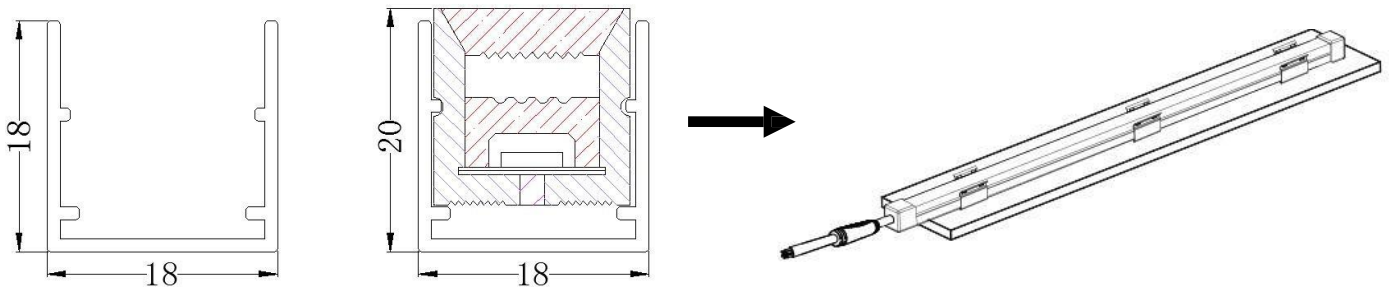


Note: During bending operation, please use the standard bending range of the above icon to operate. If the bending angle is too small, it will cause defects inside the product.

Installation Instruction:

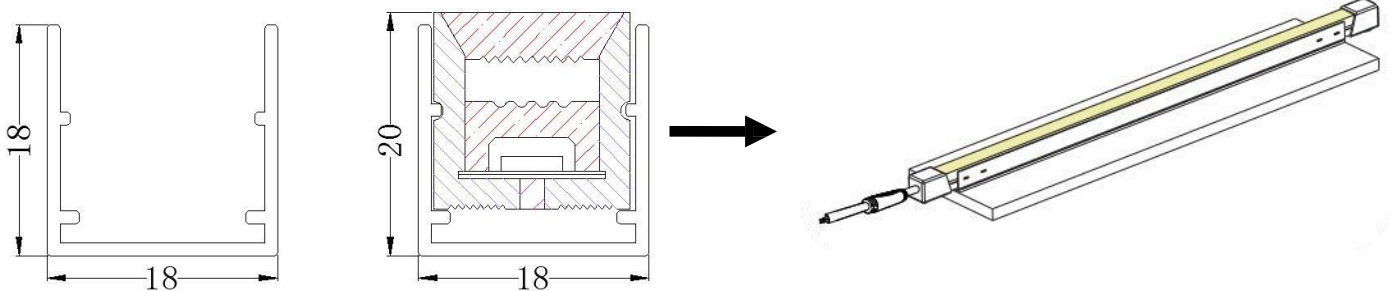
RL-1616-01

Aluminum Buckle/Clips



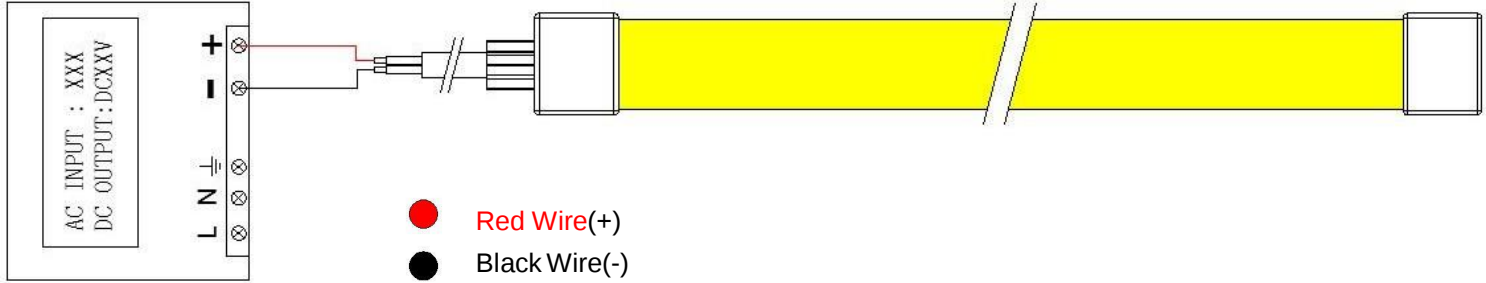
RL-1616-02

Aluminum Profile

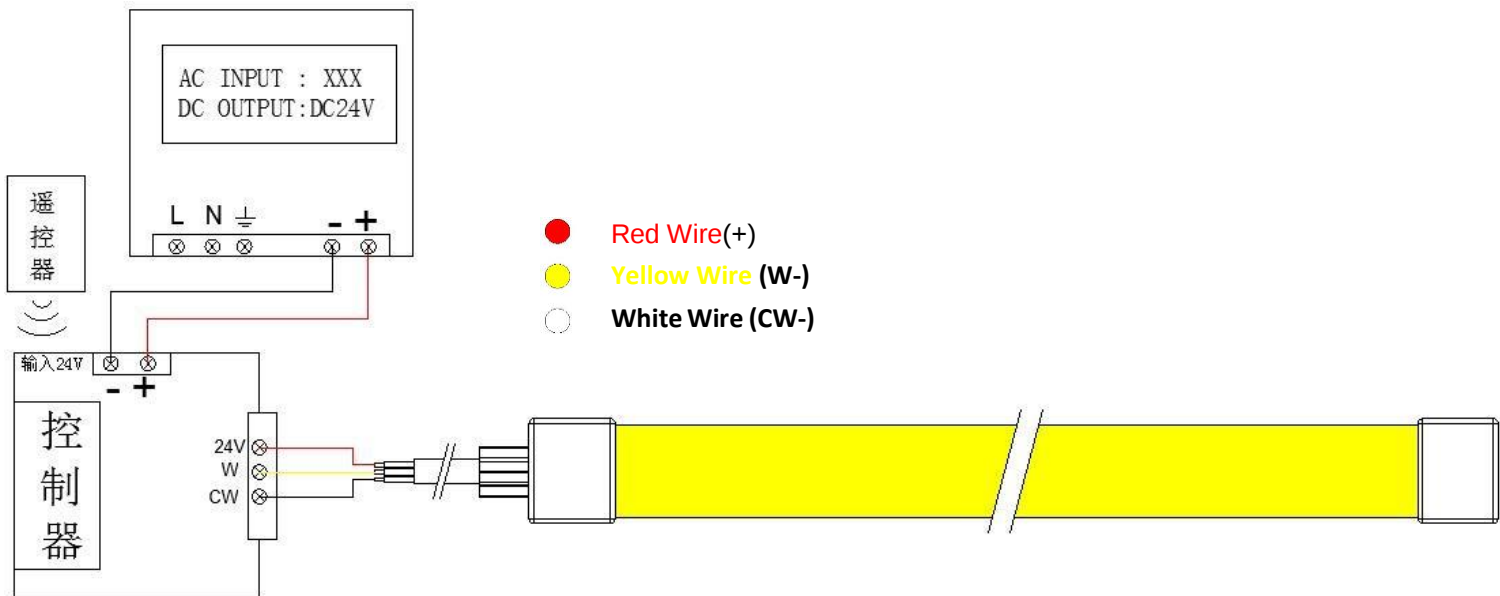


Electric Wiring Diagram:

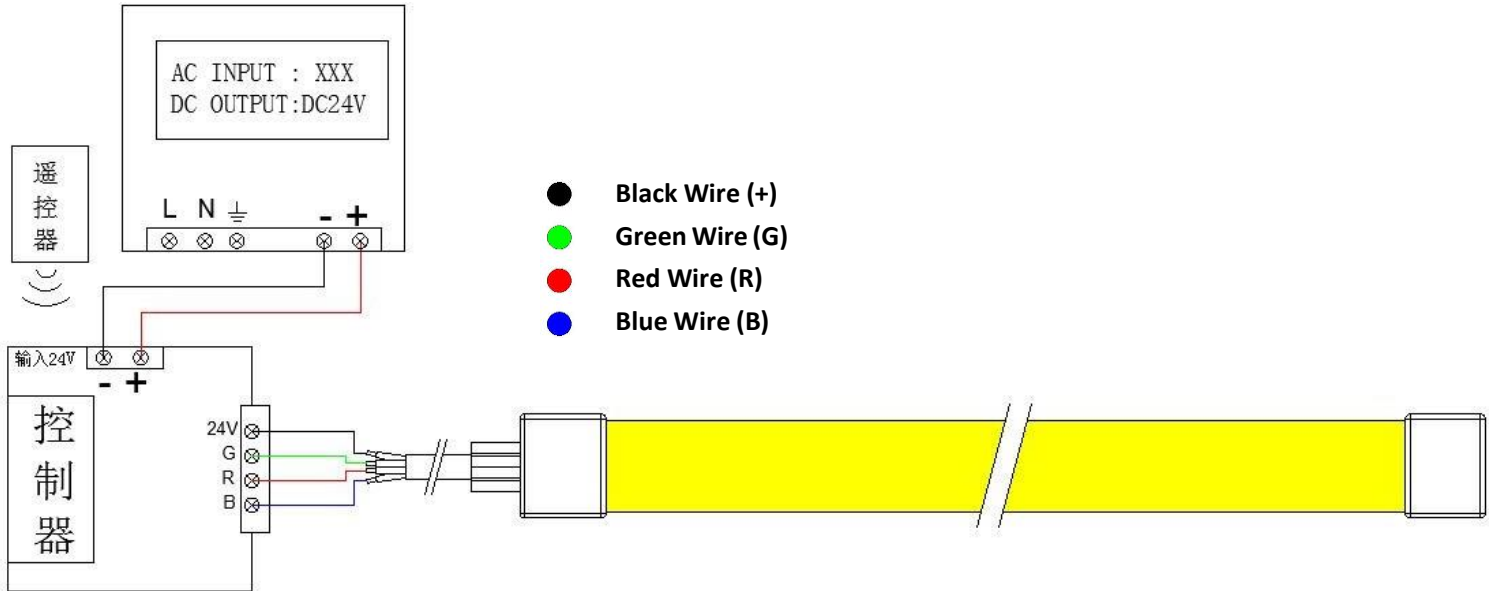
1. Mono Color Neon Flex Wiring: LED Driver+Neon Flex



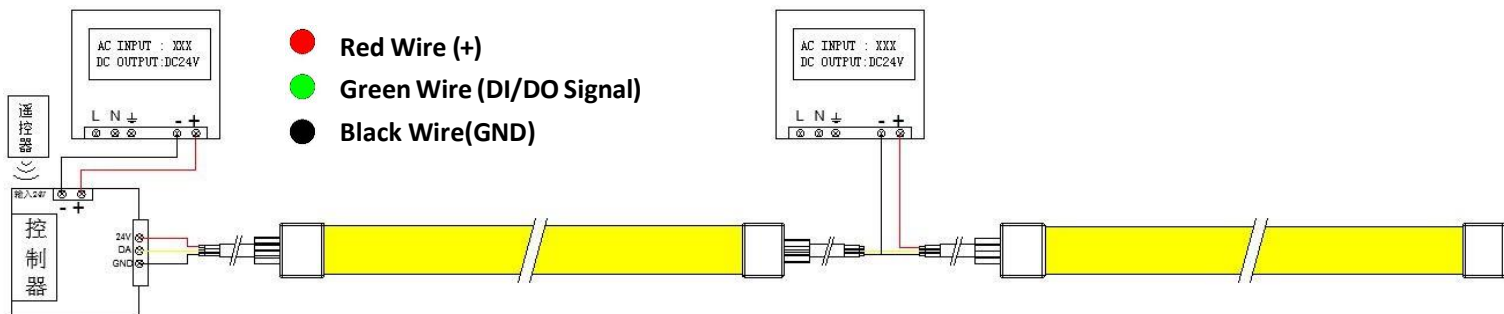
2. Tunable Color Neon Flex Wiring: LED Driver+Controller+Neon Flex



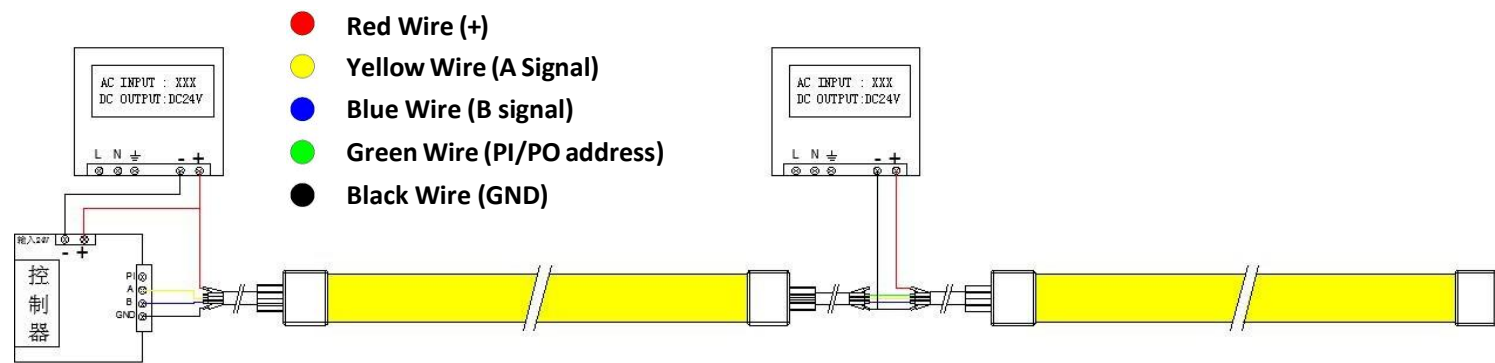
3. RGB Color Neon Flex Wiring: LED Driver+Controller+Neon Flex



4. SPI Color Neon Flex Wiring: LED Driver+Controller+Neon Flex



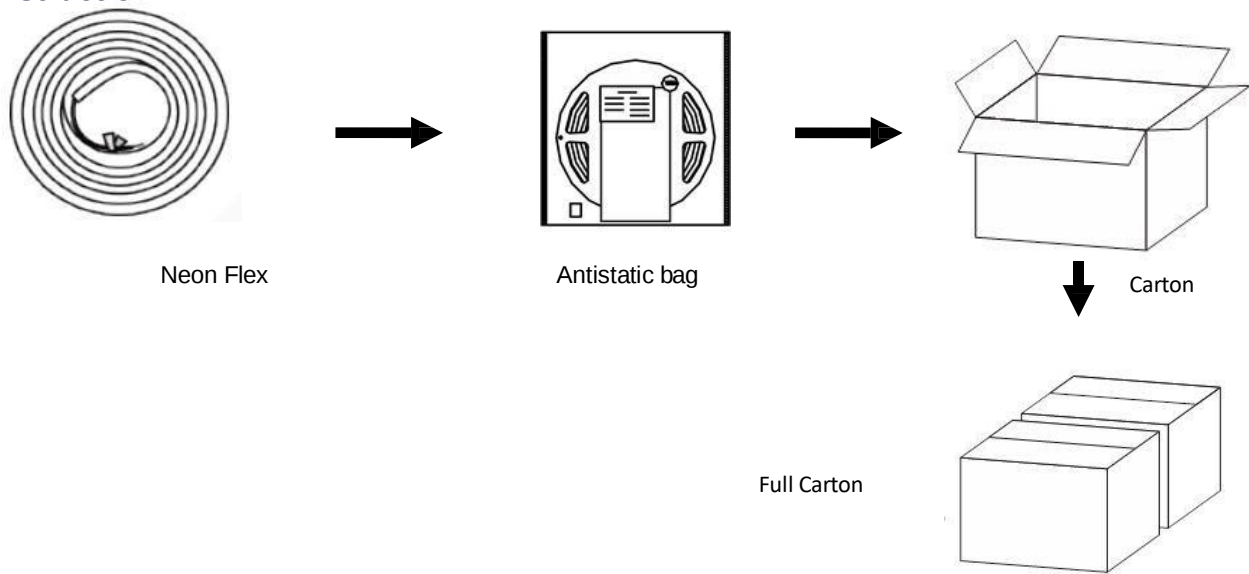
5. DMX512 Color Neon Flex Wiring: LED Driver+Controller+Neon Flex



Package Details:

Item	PN	Meters/Roll	Meters/Carton	Weight/Carton	Carton dimensions (mm)		
					L	W	H
1616 Top Bend Neon	RL-FV2412XXXXXXX-XXX-FWD1616	5	50	<20	550	550	240

Package Instruction :



Common faults and troubleshooting methods:

Failure phenomenon	Possible Causes	Solution
All lights are off	1. No power connection	Connect the power supply
	2. The power supply is automatically protected when the output terminal of the switching power supply is open or short-circuited	Troubleshoot and reconnect power
	3. The polarity of the power supply terminal of the light strip is reversed	Check the wire connection status to ensure that the positive and negative poles are connected correctly
Only part of the lights are off	1. Part of the switching power supply is not powered	Check the power supply system and troubleshoot
	2. There is an error in the power supply line of some light strips	
	3. The polarity of some light strips is reversed	Correct wiring
The LED brightness is not uniform or the brightness is not enough	1. The power is overloaded	Replace the power supply with more power according to the load
	2. The switching power supply circuit loss is too large or the loss of each circuit is very different	Ensure that the working voltage of the light strip is within $\pm 5\%$ of the rated voltage 1. Shorten the length of the power cord and light strip, or use a wire with a larger diameter; 2. Ensure that the number of light strips on each street is less than or equal to the maximum allowable length, and make the length of each light strip close
	3. Too many light strips are connected in series	Adjust the length of the light strip of each power supply branch. Ensure that the length of the light strip of each power supply loop is within the maximum allowable range.
LED blinking	1. Problem with the connection point contact	Find out the poor contact point and eliminate the fault.
	2. Switching power supply failure	Replace the switching power supply

 Notice

- Connect to the power supply in accordance with national regulations.
 - If the external flexible cable of this illuminates damaged, it shall be exclusively replaced by the manufacturer or a similar qualified person in order to avoid any hazard.
 - installation/maintenance only by skilled personnel.
 - during overhaul/maintenance only use original parts.
 - If any luminaire is subsequently modified , the person responsible for the modification shall be considered the manufacturer.
 - The manufacturer bears to liability for damage caused by inappropriate use or application.
- The final interpretation right belongs to Shenzhen Relight Technology Co.,Ltd.
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