

1818 Neon Strip-IP68 waterproof -V0 fireproof Data Sheet

Top Bend



- Using silicone extrusion process, 18*18Mini size design
- Uniform light emission, good appearance consistency
- Anti-yellowing, high temperature resistance, corrosion resistance, weak acid and alkali resistance
- Good flexibility, small size, light weight, easy installation
- Food-grade environmentally friendly silicone material.
- Waterproof grade IP67
- 3 years warranty

Technologies

- ON/OFF, Dali, PWM, 0-10V, DMX2PWM
Dimmer, Radio Frequency control

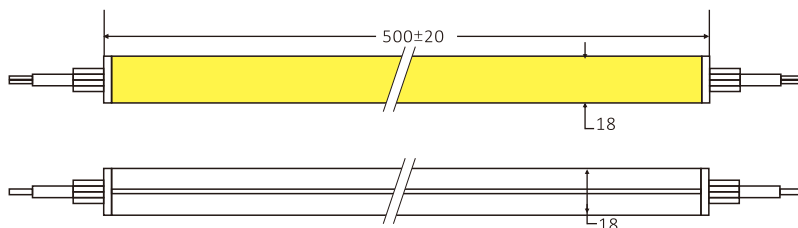
Application

- This product is suitable for engineering projects, park lighting, buildings, hotels, shopping malls, swimming pools, and other decorative lighting purposes.

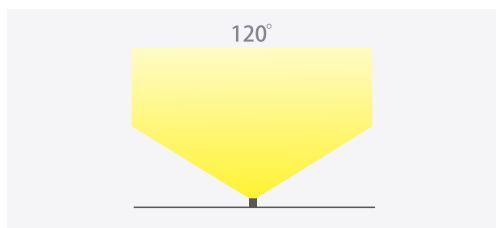
Color Options



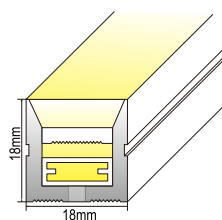
Dimensions



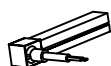
Beam Angle



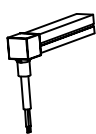
Sectional drawing



Recommended Accessories



Side exit
end cap



Bottom Exit
end cap



Direct Exit
End cap



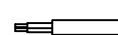
End cap



Bendable Profile



Clip



cable

Product Specifications

P/N	LED Quantity	CCT K	CRI	LED (SM)	LUMENS (lm/m)	Vf. (V.)	Current (mA/M)	Power (W/M)	Cut Length (MM)	Max Run (M)
RL-FV2410140283510-XXX-FWD1818	2835	2700	80/90	140	500	24	417	10	50	5
		3000			500					
		4000			520					
		6500			520					
RL-FV2410140283510-8CW-FWD1818	2835	2700+6500	80/90	192	450	24	417	10	62.5	5
RL-FV2410060505010-RGB-FWD1818	5050	R:620-625	80/90	60	140	24	417	10	100	5
		G:520-525								
		B:465-470								
RL-FV2410060505010-RGBW-FWD1818	5050	R:620-625	80/90	60	340	24	500	12	100	5
		G:520-525								
		B:465-470								
		W:2700-6500								
RL-FV2410060505010-SPI-FWD1818 (1M10 pixels)	5050	R:620-625	/	60	190	24	542	13	100	5
		G:520-525								
		B:465-470								
RL-FV2410060505010-DMX-FWD1818 (1M10 pixels)	5050	R:620-625	/	60	380	24	542	13	100	5
		G:520-525								
		B:465-470								
		W:2700-6500								

Other Specifications

Protection grade	IP67
Working temperature (°C)	-25~+60
Standard length (°C)	-25~+70
Maximum cascade length(m)	5
Maximum cascade length (m)	5
weight	/

Remark

- The test environment temperature is 25±2°C;
- The above data are typical values, the actual parameters of the product may be different from the typical data; the data is subject to change without notice;
- The above "/" means that this parameter is not required for the time being.

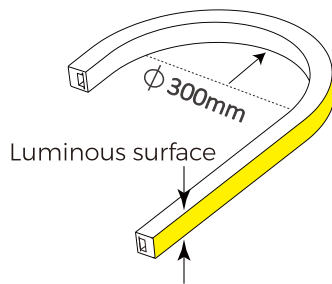
Applied Standards



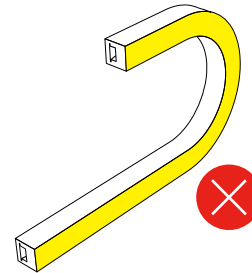
Installation

Note :Due to the different types and attributes of neon lights, please refer to the, line marks for the bending radius

① Bending Direction & Min. radius

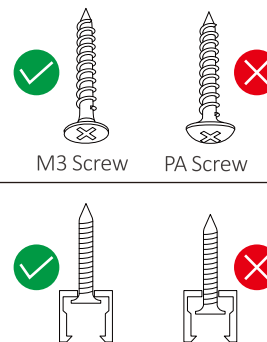
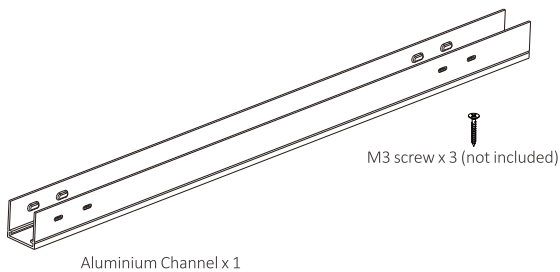


② Side bending prohibited

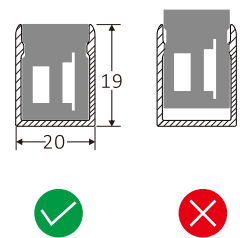


Mounting with aluminium profiles

Install with the screws provided. Do not use screws of other types or sizes that do not meet requirements.

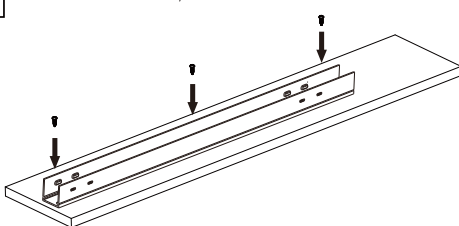


Install correctly

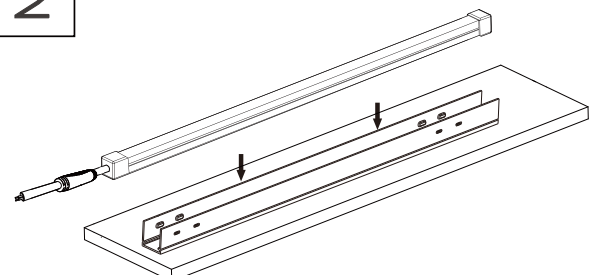


1

Use M3 screw every 200mm

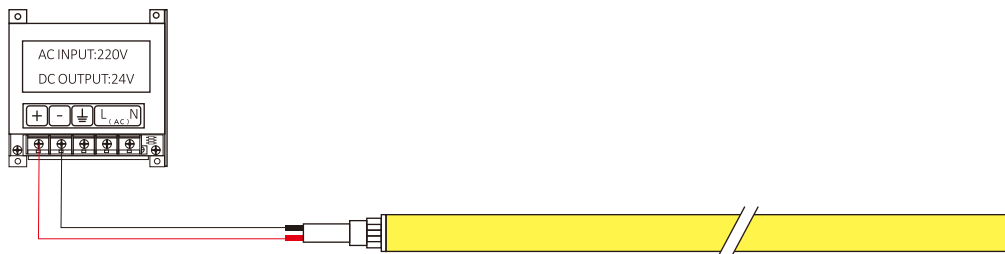


2

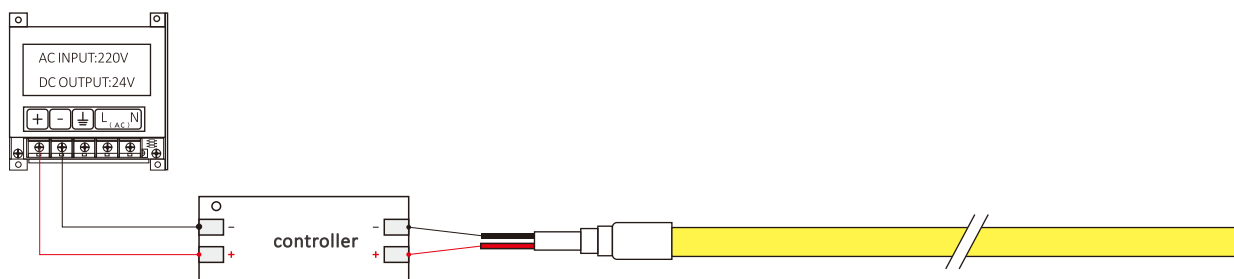


Schematic diagram of electrical connection

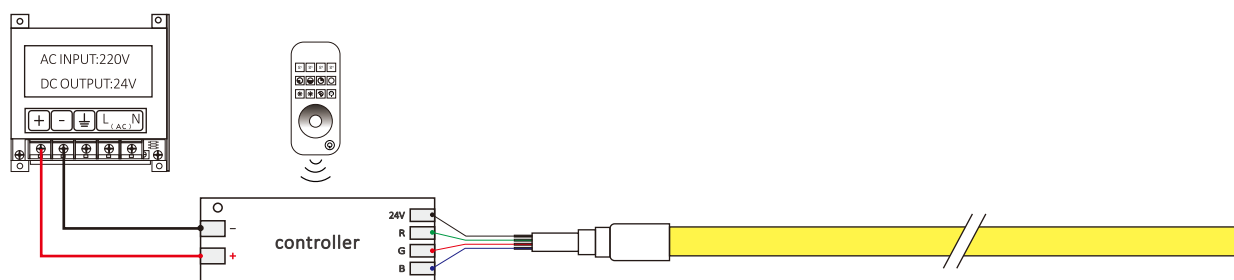
1. Monochrome temperature wiring diagram 1: Power + lamp belt connection mode



2. Monochrome temperature wiring diagram 2: Power supply + dimmer + lamp belt connection

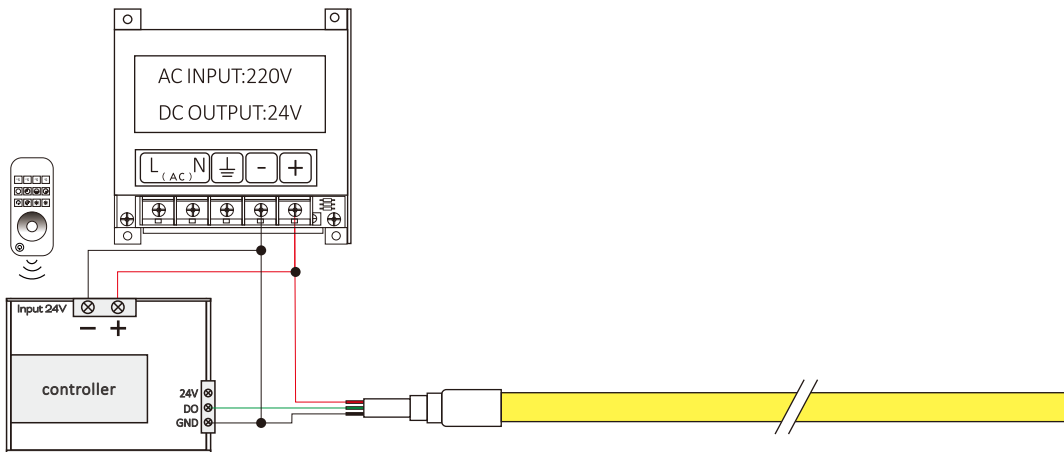


3. RGB wiring diagram: Power + controller + light belt connection mode

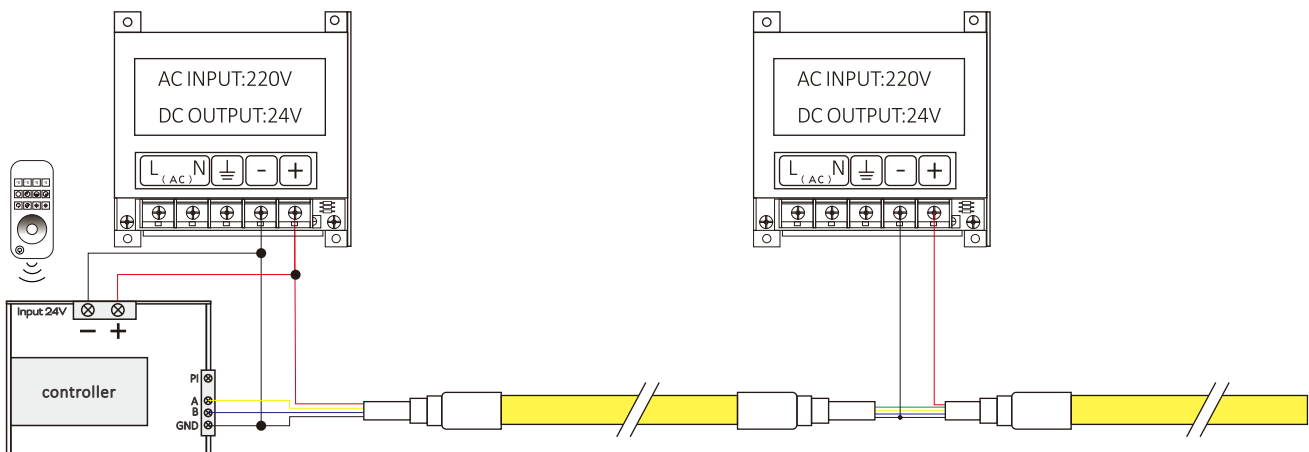


Schematic diagram of electrical connection

4.SPI wiring diagram: Power + controller + light belt connection mode



5.DMX512 wiring diagram: Power + controller + light belt connection





Specialized
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