

PRODUCT SPECIFICATION

SECOJC1-N0612



UV protected

Resistant to
solvents

Saltwater
resistant

Temporary
immersion
protection

One BIN only
for a CCT range

Features

- ▶ High luminous efficiency.
- ▶ Uniform lighting distribution and dot-free.
- ▶ IP 65 tested.
- ▶ Eco-friendly and UV-resistance.
- ▶ UL, CE, ROHS certified.

Application

Channel letters, architectural lighting, landscape lighting, decorative lighting, linear lighting, etc

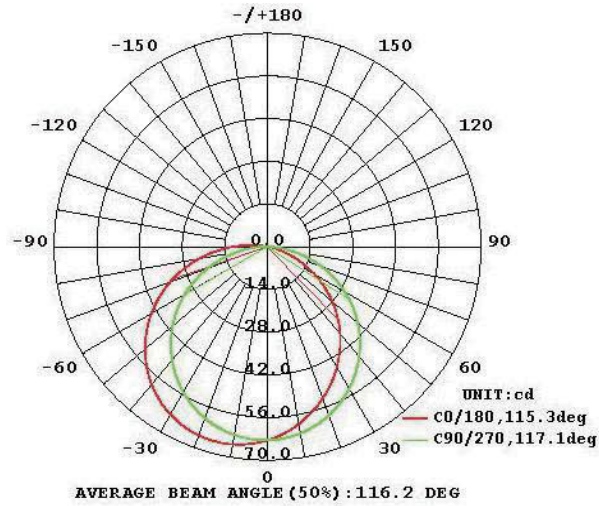
Parameters

Led Type	2835	Led Qty/M	120Leds/M	Beam Angle	120
Input Voltage	DC12V	Power	10W/M	Dimension (mm)	5000*6*12
IP Grade	IP65	Working Temperature	20~45 °C	Storage Temperature	30~80 °C ⁻

Color Options

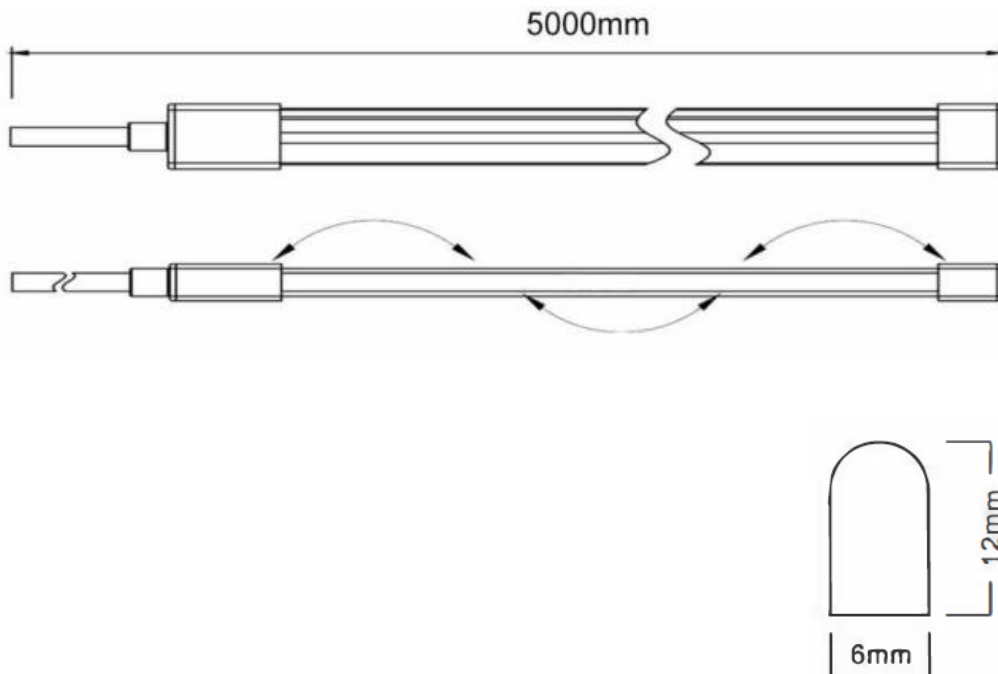
Item No.	CCT (color)	Lumens (lm/M)	Efficiency (lm/W)	Ra
SECOJC1-N0612-WW	3000K	280	28	80
SECOJC1-N0612-NW	4000K	280	28	80
SECOJC1-N0612-PW	6500K	280	28	80
SECOJC1-N0612-R	RED	620-630nm	/	/
SECOJC1-N0612-G	GREEN	525-530nm	/	/
SECOJC1-N0612-B	BLUE	465-470nm	/	/
SECOJC1-N0612-Y	YELLOW	587-592nm	/	/

Light Distribution Diagram

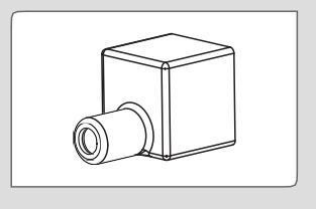


Dimensions

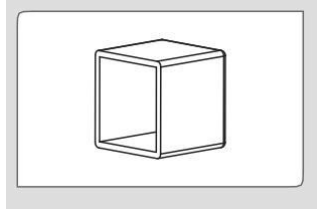
Unit:mm



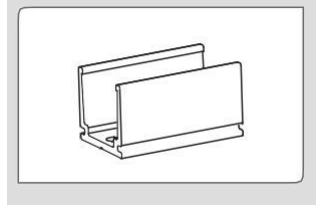
Accessories



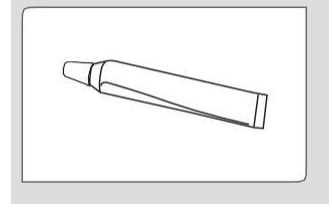
Front Cap With Hole



End Cap Without Hole



20mm Aluminum Track



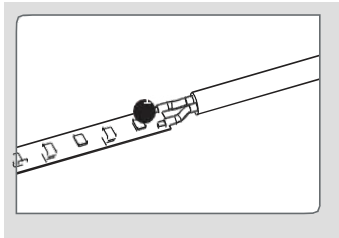
Silicon Glue

NOTE:

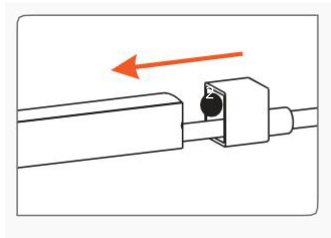
All accessories can be provided according to customer requirements, 3 sets 2cm aluminum channel per meter recommended.

Installation Steps

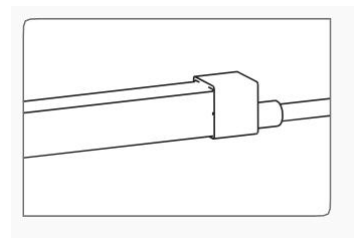
Details of installation operation at input end.



Weld the wire to the PCB.

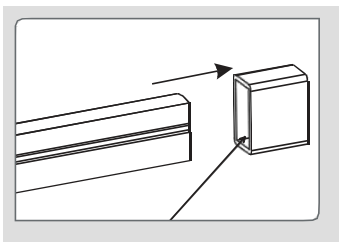


First put waterproof glue inside of the front cap, then push into the tape light.

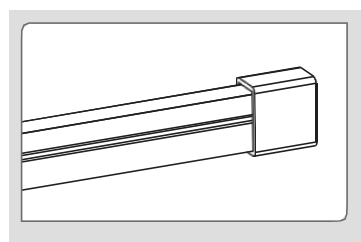


Wipe off the excess glue and wait for the glue to solidify.

Details of installation operation at the end cap.

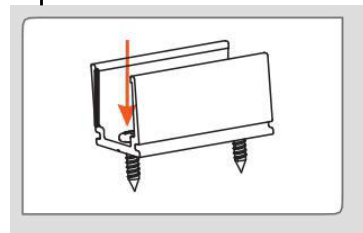


Put some glue inside of the plug, then push into the tape light.

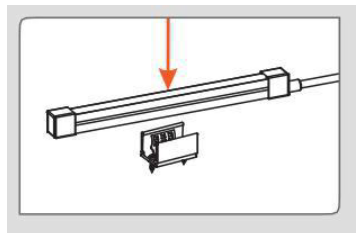


Wipe off the excess glue and wait for the glue to solidify.

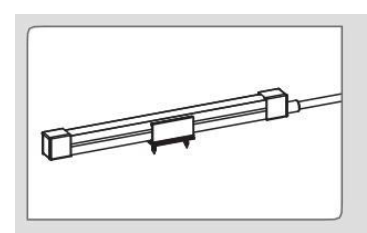
Operation details of aluminum track installation.



Screw the aluminum track to the installation position.



Press slowly the neon light into the aluminum track.



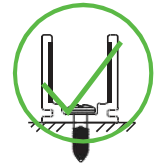
The tape light is flatly and firmly stuck on the aluminum channel.

Note:

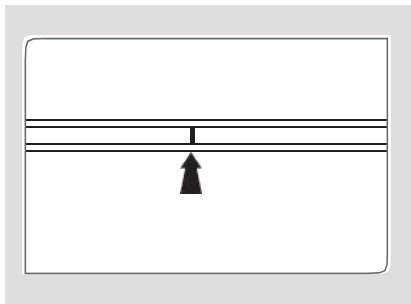
At welding part, note the positive and negative poles of lines and board and the corresponding colors on the board; positive to positive and negative to negative

Each connection point must use 10g silica gel, and treat waterproof and insulation well;

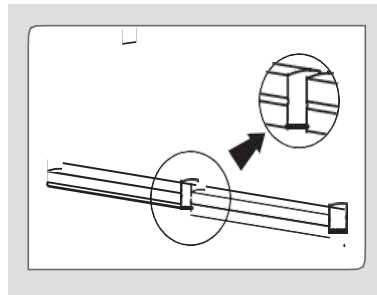
The screw of installation card must perpendicular to installation surface and be fastened, as shown in the right.



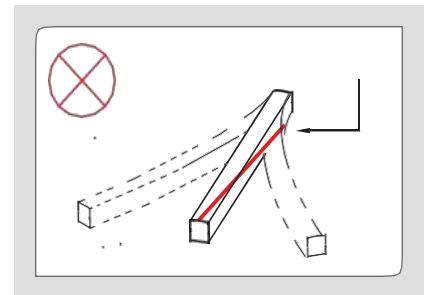
Attention



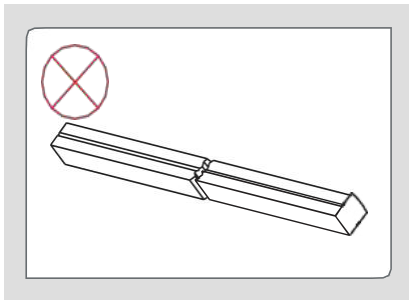
Cut-table mark



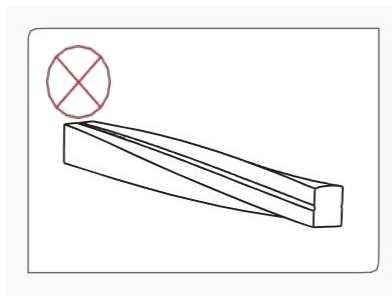
Cut neatly and smoothly



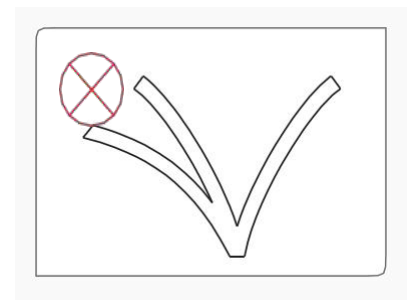
Do not bend left and right



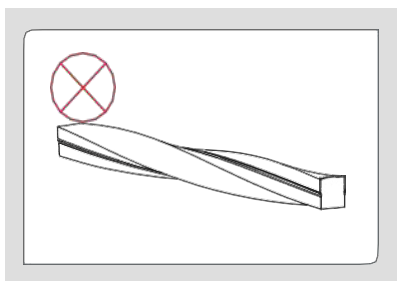
Do not make irregular cut



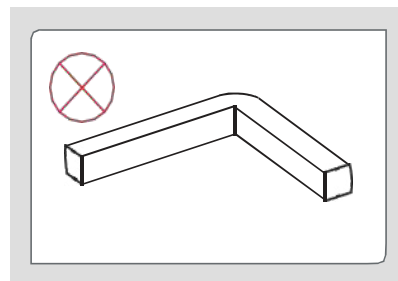
Do not use in distortions



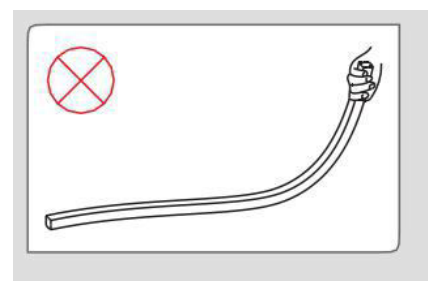
Do not bend for many times



Do not twist the neon light



Do not bend in right-angled



Do not pull or throw the neon

Warning

1. Before installation, check that the product parameters are consistent with the requirements
2. Please use DC12V power supply and allow sufficient power for the led lights.
3. Follow the instructions of wiring diagram to avoid short circuit.
4. Make sure the correct connection of positive and negative poles the neon and power supply.
5. Make sure the power cord firmly screwed into the terminal.
6. The terminal should have insulation, waterproof and anti-corrosive treatment.

Trouble Shooting

Quick Guide		
Problems	Reasons	Solutions
All LEDs can not light on.	No electric supply.	Power on
	Automatic power protection from the open or short circuit in output of the power supply.	Fix the short circuit problem.
	Wrong connection of power supply.	
LEDs can not light on partly.	Some switching mode power supplies are not powered.	Check the power supply system to fix it.
	Power supply line error.	
	Mistaken wire connection of some of products	Correctly connection
Brightness of LED is inconsistent tor insufficient.	Power overloaded.	Replace with more powerful power
	Power supply circuit excessive consumption.	Make sure the working voltage of the product within $\pm 5\%$ of standard voltage, or keep balance by circuit power consumption.
	Excessive quantities in series connection of the product	Reduce the quantities of the product in series connection to meet requirement.
LED flicker.	Connection point fault.	Remove bad connection point.
	Switching power supply failure.	Replace a new power supply.
	Wrong Installation or use of products	Please follow the instructions