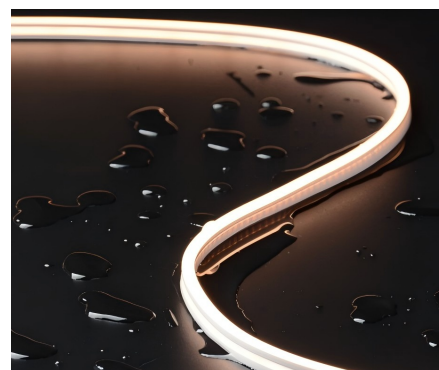


## Mini neon-DC12/24V-120leds/228leds-8MM

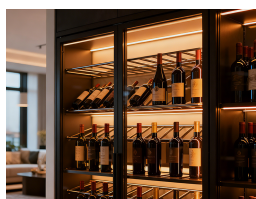
## SPECIFICATION

*Product features:*

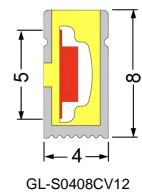
1. High-density LEDs provide smooth and continuous lighting
2. Ultra-narrow design fits hidden and precise installation spaces
3. Fully flexible to create curves and creative shapes
4. Energy-efficient design extends the lifespan of the strip
5. Low-voltage 12V or 24V ensures safe and stable operation
6. Supports dimming control for various lighting effects and moods
7. High waterproof rating suitable for indoor and outdoor humid environments

*Application:*

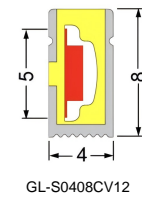
The Free Cut neon flex LED strip is mainly used for under-cabinet, in-cabinet, and cabinet backlighting, providing soft, uniform, dot-free linear illumination with cut-to-length flexibility for both functional and decorative lighting in kitchens and commercial display spaces.



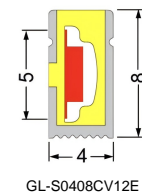
Product parameters:



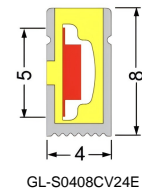
CCT(K)	RA	VoltagePower(W)	Lumen (LM/M)	Efficiency(LM/W)	Voltage(V)	LEDs	Mini cut Length(mm)
3000-6000k	> 80	8W	400-500	50-62.5	12V	120leds/m	25mm



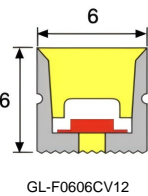
CCT(K)	RA	VoltagePower(W)	Lumen (LM/M)	Efficiency(LM/W)	Voltage(V)	LEDs	Mini cut Length(mm)
3000-6000k	> 80	8W	400-500	50-62.5	12V	120leds/m	8.33mm



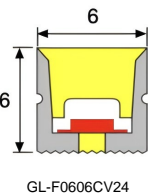
CCT(K)	RA	VoltagePower(W)	Lumen (LM/M)	Efficiency(LM/W)	Voltage(V)	LEDs	Mini cut Length(mm)
3000-6000k	> 80	8W	350-450	43.75-56.25	12V	120leds/m	25mm



CCT(K)	RA	VoltagePower(W)	Lumen (LM/M)	Efficiency(LM/W)	Voltage(V)	LEDs	Mini cut Length(mm)
3000-6000k	> 80	8W	350-450	43.75-56.25	24V	120leds/m	50mm



CCT(K)	RA	VoltagePower(W)	Lumen (LM/M)	Efficiency(LM/W)	Voltage(V)	LEDs	Mini cut Length(mm)
3000-6000k	> 80	12W	600-700	50-58.33	24V	228leds/m	13.15mm



CCT(K)	RA	VoltagePower(W)	Lumen (LM/M)	Efficiency(LM/W)	Voltage(V)	LEDs	Mini cut Length(mm)
3000-6000k	> 80	12W	600-700	50-58.33	24V	228leds/m	26.3mm

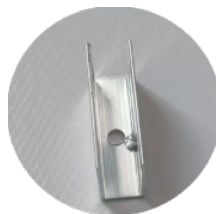
## Accessories:



Perforated tail plug



Non porous tail plug

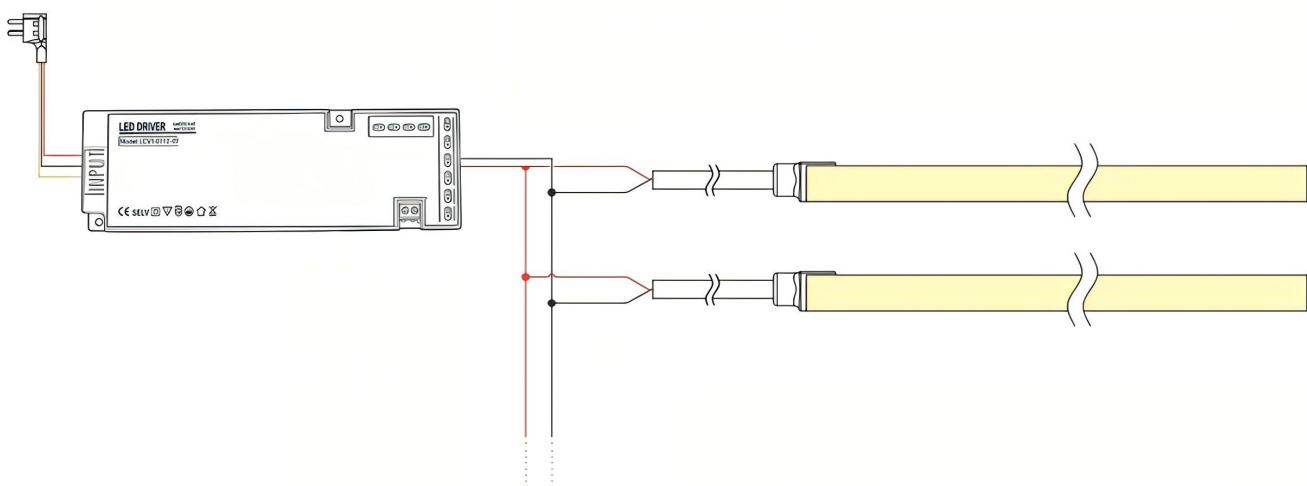


Aluminum alloy fixing clip

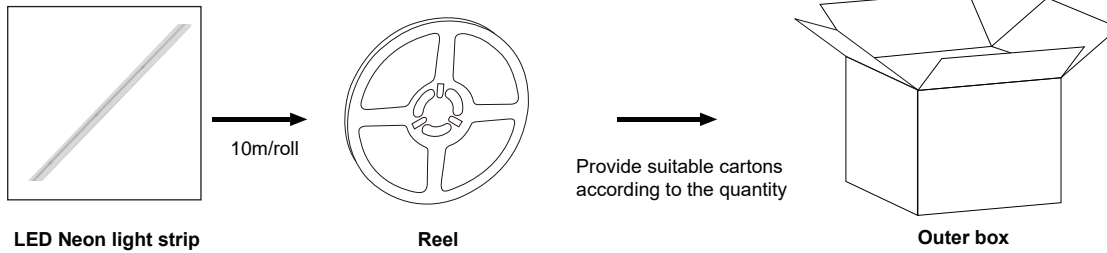


Fixed clamp screw

## Wiring diagram:



## Package:



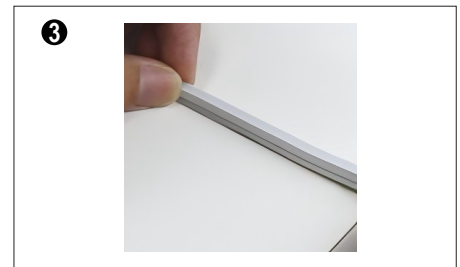
## Installation diagram:



Clean the installation surface



Filled with adhesive in the recessed groove



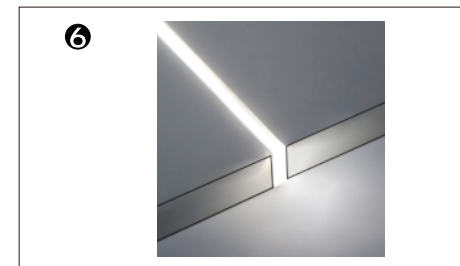
Put the Mini neon LED strip flat into the recessed groove.



Connect the light strip wire to the driver output port (positive pole to positive pole, negative pole to negative pole)



After the power supply and the switch are connected, the sensor switch can be used normally.



LED strip lights up

## Statements :

- 1). For safety, the product wire should be moved and replaced by the manufacturer, agent or other authorized person.
- 2). Please refer to the product manual before installation.
- 3). Above-refered schematic diagrams are from our standard product. Please subject to your actual product data if there is difference.
- 4). In actual use, we suggest 80% consumption of the driver. Keep 20% as power to start the led strip.
- 5). For safety, no touch the AC terminal.
- 6). Any acidic or alkaline substance is forbidden.
- 7). No notice for updated of this product.



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.
	<ul style="list-style-type: none"> <li>Wrong connection (positive connect with negative)</li> </ul>	Check and get right connection.
Part fail	<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.
Inconsistent brightness or insuffiscent brightness	<ul style="list-style-type: none"> <li>overload of the driver</li> </ul>	Use higher-power driver.
	<ul style="list-style-type: none"> <li>Too big power consumption of the switch, or unbalanced power consumption from different strip series.</li> </ul>	Keep the strip working voltage is more or less 5% than the Rated voltage. 1.shorten the connection cable length, or change to thicker cable. 2.Make sure the strip quantity is less than the allowed connection quantity.Keep the led strip quantity of each series similar).
	<ul style="list-style-type: none"> <li>Too many Led strips connection</li> </ul>	Adjust the led strip quantity, make sure sufficient power supply.
LED flash	<ul style="list-style-type: none"> <li>Poor welding connection of wires</li> </ul>	Check,find and solve it.
	<ul style="list-style-type: none"> <li>switch problem</li> </ul>	Change to right switch.