LED NEON STRIP LIGHTS
PRODUCT SERIES DATASHEET

LED Neon Strip Light

88Light LED Neon Strip light is ideal for home lighting, Decoration and Advertising. The Strip can be mounted easily in anywhere. It is widely used in Shopping Mall, Park, Living Room, and Cafe and so on.

Applications:


Countyard


Cafe


Casino


Decoration

Advertising


Shopping Mall


Railway Station


Public Square

PRODUCT FEATURES

- Without brightness drop, the whole strip can keep the same brightness everywhere.
- Lightweight and slim, suitable for small spaces.
- Flexible, it's easy to bend for a variety of shapes.
- High quality, high brightness, low luminance decays SMD Chip.
- A variety of colors to choose.
- It is trimmable every group LED. Each group that can be cut.
- DC24V low voltage options, low power consumption, low heat, higher security.
- Long lifespan with free maintenance.
- Allow frequent on-off.
- Dimmable or non-dimmable available.
- Smart Chip control options support smart controller.

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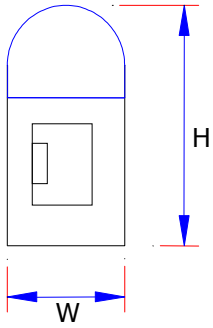
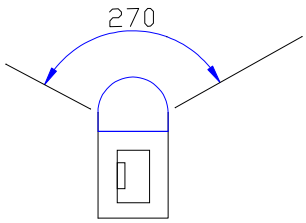
www.88Light.com

PRODUCT DIAGRAM [1, 2]





Product Name	L [Max:m]	W [mm]	H [mm]
88L-NS-5050-60-1020	5	10	20
88L-NS-5050-60-1526	5	15	26

Note 1: The neon strips is default IP68 for waterproof.
Note 2: The beam angle is default 270 degree.

TECHNICAL DATA

Electrical data [3, 4]:

Product Name	Input Voltage [Vdc]	LED Type	Power [w/m]	Dimmable [Y/N]	LED Qty [LED/m]	IP grade
88L-NS-5050-60-1020	24V	5050	3.94	Y	60	IP68
88L-NS-5050-60-1526	24V	5050	3.94	Y	60	IP68

Note 3: Absolute ratings @ 25°C
Note 4: Tolerance of measurement of power intensity±3%, because of the voltage drop, 12W/m is tested by one meter.

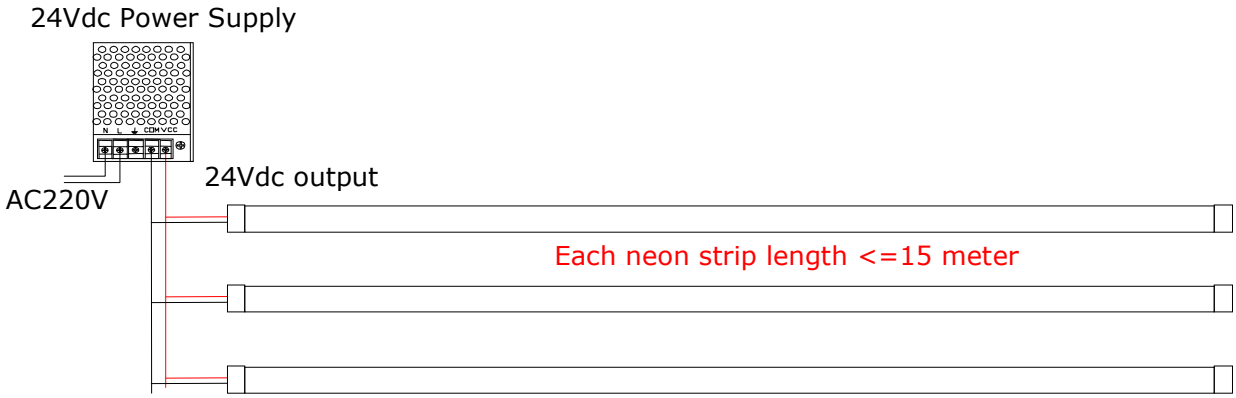
Optical Characteristics [3, 5]:

Product Name	Color	Color Temperature	Luminous Flux [lm/m]	CRI [Ra]	Beam angle [°]
88L-NS-5050-60-CW	Cool white	6000 °K	169	80	270
88L-NS-5050-60-WW	Warm white	3000 °K	150	80	270
88L-NS-5050-60-R	Red	620-620nm	49	--	270
88L-NS-5050-60-G	Green	520-530nm	115	--	270
88L-NS-5050-60-B	Blue	460-470nm	15	--	270
88L-NS-5050-60-IC	Red+Green+Blue	--	83	--	270

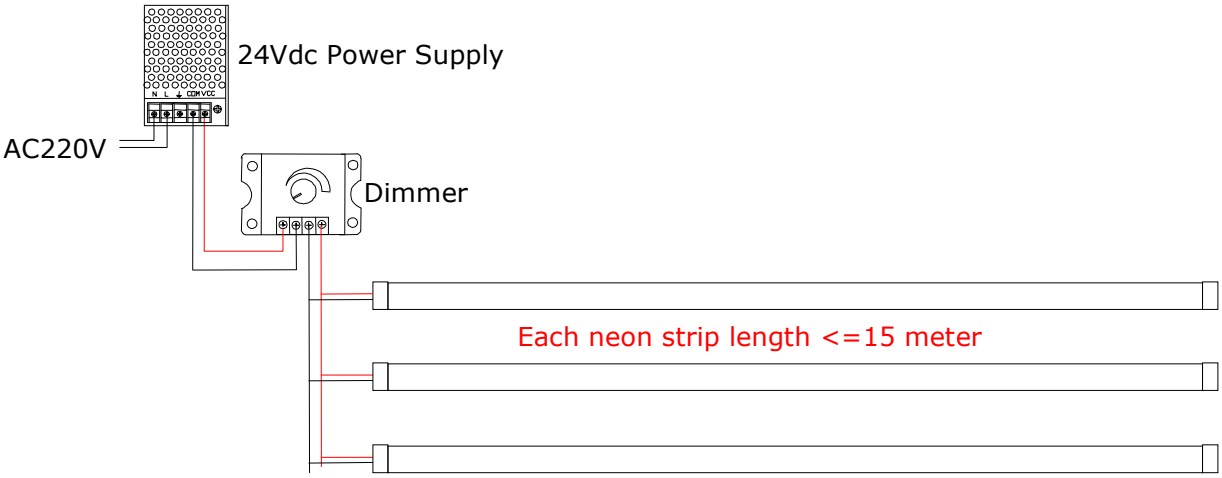
Note 3: Absolute ratings @ 25°C
Note 5: Tolerance of measurement of luminous intensity±8%.

PRODUCT INSTALLATION

Hard-wired Driver connection: Basic wiring.

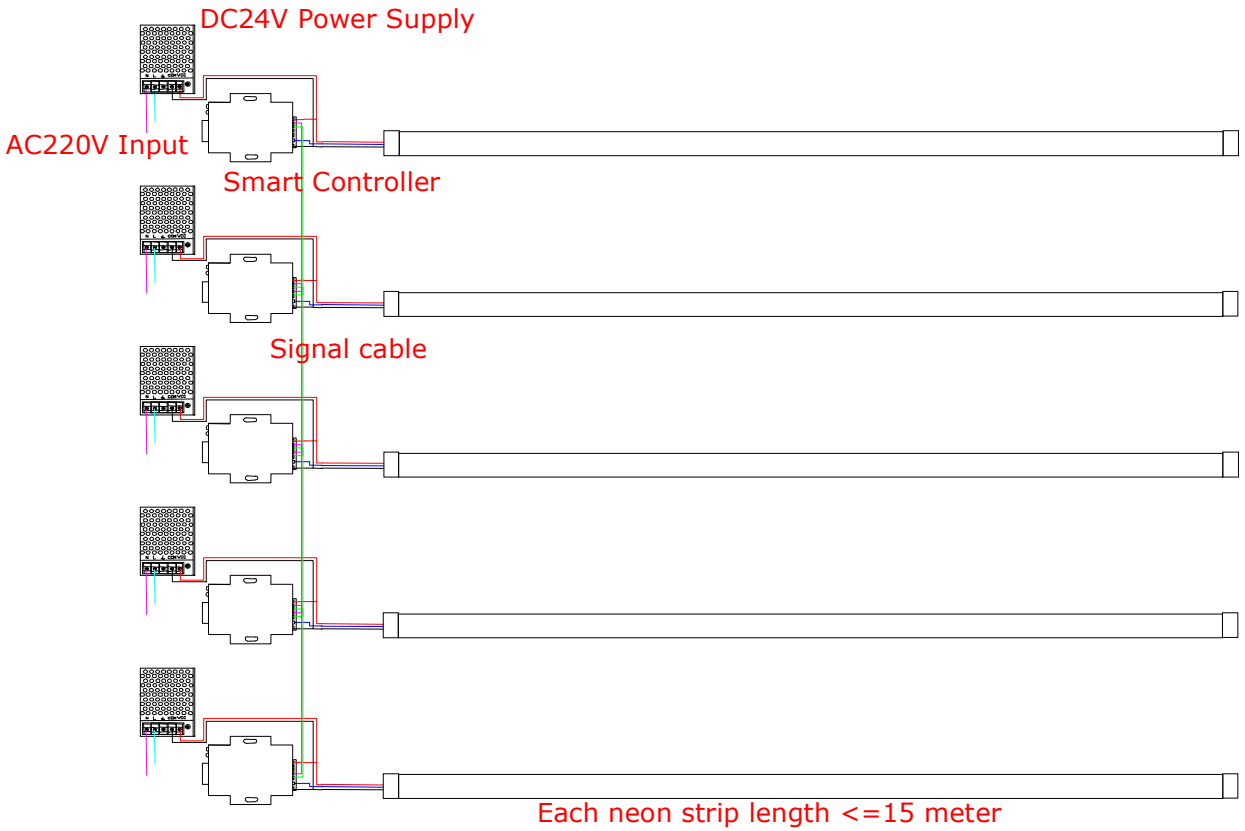


Hard-wired Driver connection: Basic dimmer wiring.



PRODUCT INSTALLATION

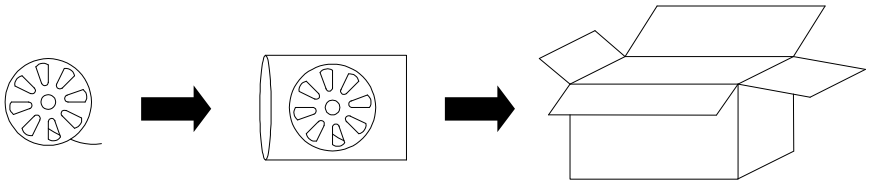
Hard-wired Driver connection: Smart Controller Wiring.



SAFETY

1. **Always** consult a qualified, licensed electrician prior to the installation of this product.
2. **Always** pre-test your strip light assembly by making all connections and connecting the strip to a power supply and ensure that all components are joined properly before they are installed.
3. It is recommended that adequate airflow and heat sink be taken into account in the application and installation of this product. Improper thermal management may lead to premature failure.
4. Exceeding the operating temperature values may damage LED chips by reducing the total lamp life and lumen output, and inversely impact color consistency.
5. Avoid voltage drops by using a dedicated line for each maximum power consumption line.
6. This product should only be cut at "cut points," if It's cut at the wrong place, then some LED will not work.
7. The neon strip bending diameter is 12cm minimum, it will be damaged with bending diameter<12cm.
8. "Voltage drop" is a gradual lessening of power through a wire over a long distance. The farther the light is from the power source, the more voltage drop will occur. Voltage drop becomes a significant factor in any LED light application when the distance between the lights and the power source is greater than 15 feet. Consult a licensed electrician and an online voltage drop calculator to learn what gauge wire will work best for your configuration.
9. The manufacturer rates each power supply for maximum power output at optimum thermal and voltage conditions. As with any power supply, true actual maximum continuous current output depends upon various environmental factors such as ambient temperature, line voltage fluctuations, and orientation that may affect heat dissipation. For optimum performance, make sure the load is between 50% and 80% of the total capacity of the power supply.
10. LED products are continuously being improved upon in ever-shortening manufacturing cycles. LED color temperature (kelvin), lumen output, and product appearance can change from order to order. Please note that variation in color temperature (kelvin) is commonly +/- 250k and brightness (lumens) is +/- 10%.

PACKING



Product Name	Meter/roll	Box dimensions	Gross Weight
88L-NS-5050-60-1020	100m	34x34x40cm	23Kg
88L-NS-5050-60-1526	50m	34x34x40cm	23Kg

Note 6: the package information is only for reference.

OTHER 88Light PRODUCTS:

For more information about 88Light products, or to use our online energy saving calculation software please visit our website
www.88light.com

DISCLAIMER:

88Light reserves the right to modify the design of our products as part of the company's program of continuous improvement. 88Light cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.