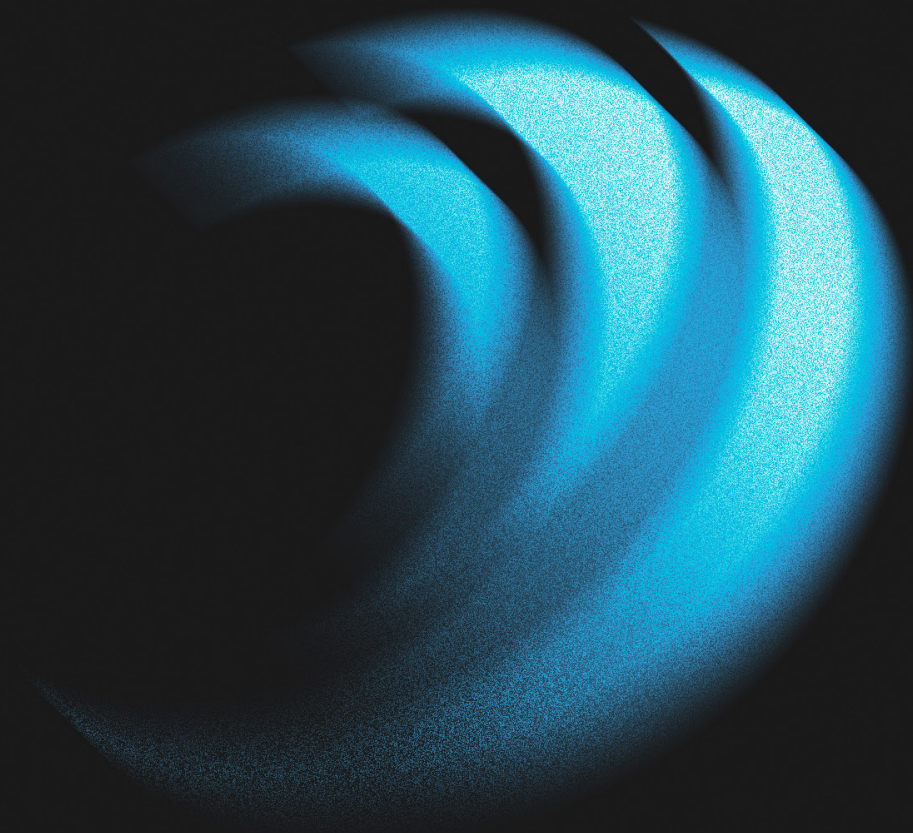


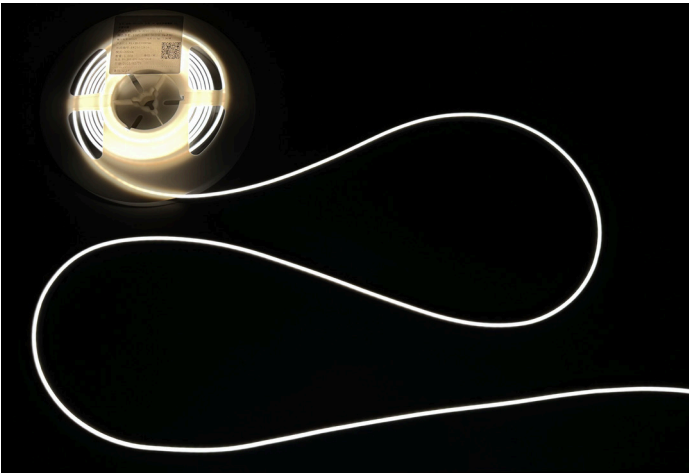


LED NEON

DC 24V
Side Bending

NSF0306





NSF0306 | Side Bending Ultra-slim Neon

FEATURES

- 3mm width ultra-slim neon
- High quality components with stable performance
- Good flexibility, side bending
- Support 0~10V, DALI, PWM dimming
- Warranty: 5 years indoor, 3 years outdoor
- Multiple specifications, support customization



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage	Ra	Color	CCT/Color Available	Lm/m	Lm/W	W/m
NSF0306-W	24V DC	>90	White	1800K	126	17.5	7.2
				2700K	174	24.0	
				3000K	187	26.0	
				4000K	199	27.7	
				4500K	188	26.0	
				5500K	153	21.3	

OTHER PARAMETERS

Model No.	LED Qty (pcs/m)	Dimension W*H (mm)	Max Run (mm)	Min. Cutting Unit (mm)	Min. Bending Diameter (mm)
NSF0306-W	182	3*6	5000	38	Side: 60

☐ Working Temperature: -40~+60°C ☐ Storage Temperature: -20~+70°C Note: Max run is based on one end power feed.

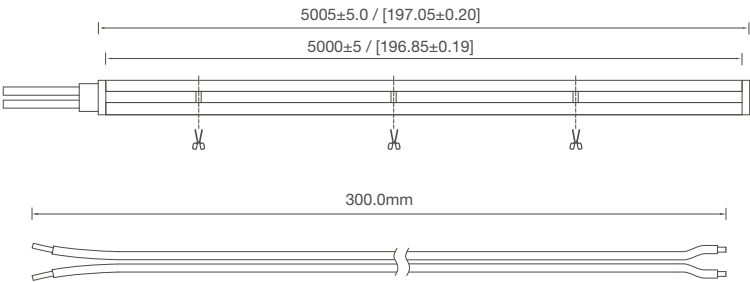
RECOMMENDED POWER SUPPLY UPON WORKING LENGTH

Model No.	Working Length (m)	Current (A)	Voltage (DC)	Measured Power (W)	Recommended Power Supply (W)	Power Supply Mode
NSF0306-W	1	0.295	24V	7.08	20	Single Feed
	5	1.55		37.2	50	

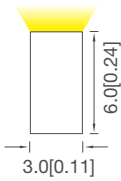
PROFILE DRAWINGS

Unit: mm[inch]

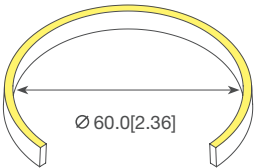
Glue process (IP67)



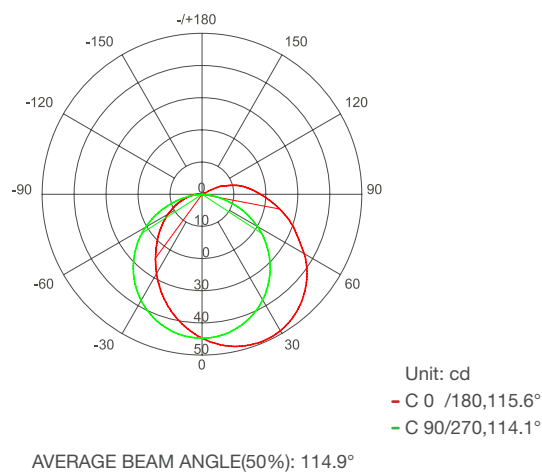
Sectional view



Bending Diameter



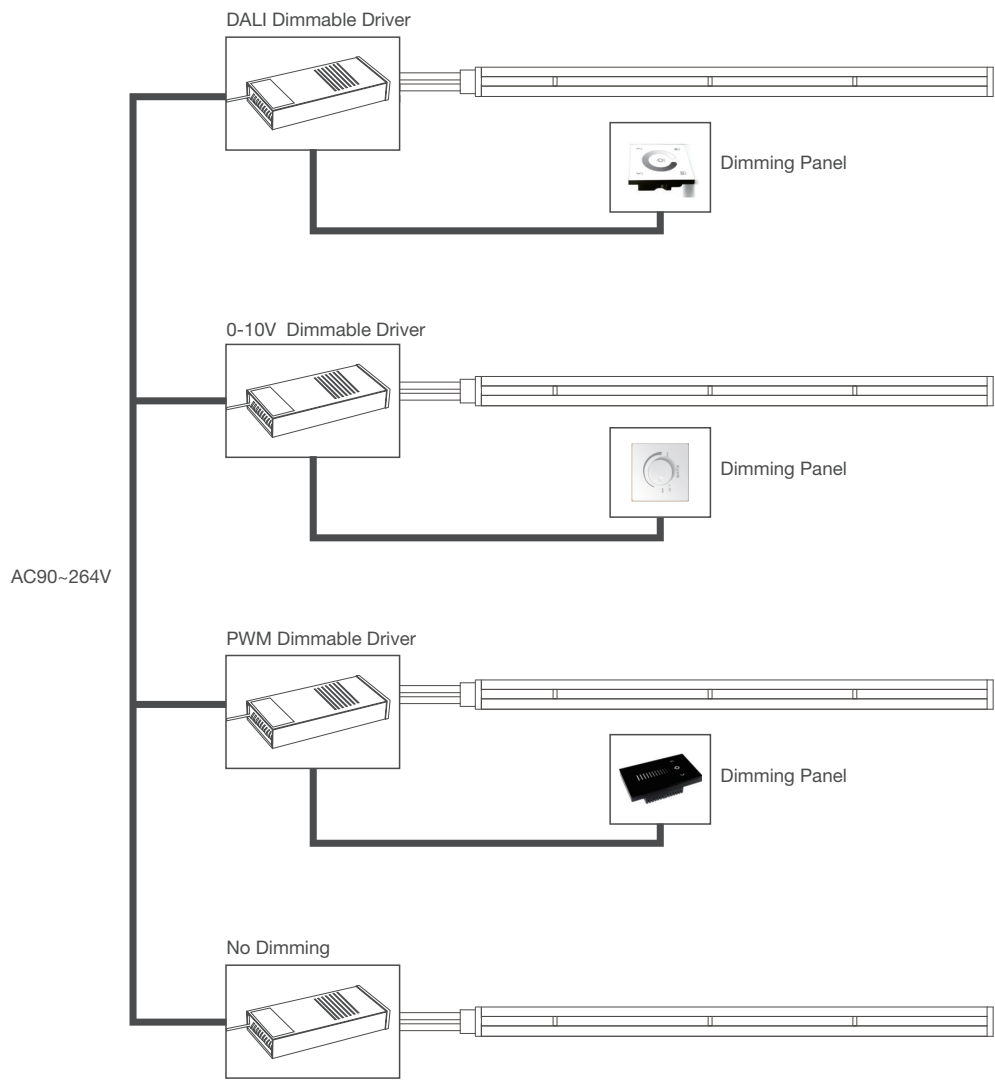
Note:
Wire length supports customization
Within standard length, the product is customizable in multiples of the minimum cutting unit.
IP67: Temporarily submerged up to 1m for 1 hour, factory assembly only.



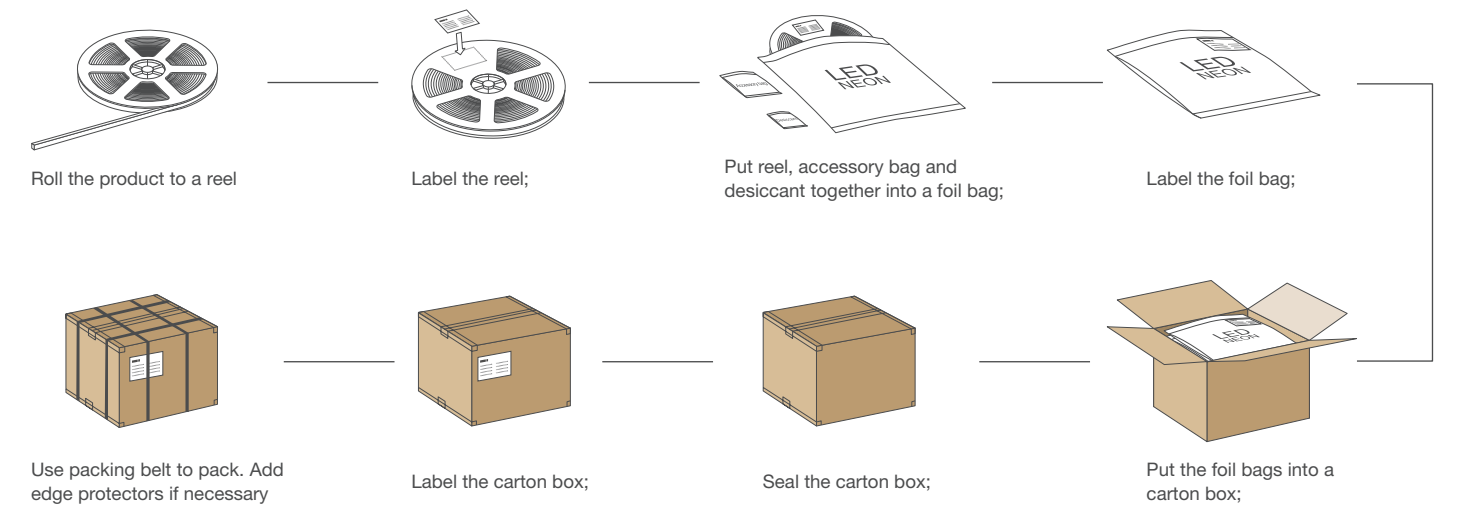
Flux Out: 95.90lm		CCT=5500K	
Height	Eavg, Emax	Beam Angle: 111.64°	Diameter
0.5m	55.55,191.8lx		147.26cm
1.0m	13.89,47.95lx		294.53cm
1.5m	6.172,21.31lx		441.79cm
2.0m	3.472,11.99lx		589.06cm
2.5m	2.222,7.672lx		736.32cm
3.0m	1.543,5.328lx		883.59cm
3.5m	1.134,3.914lx		1030.85cm
4.0m	0.8680,2.997lx		1178.12cm
4.5m	0.6858,2.368lx		1325.38cm
5.0m	0.5555,1.918lx		1472.65cm

Note: the above two figures are tested with the sample NSF0306-5500K, for other data, please consult sales rep.

SUPPORTED DIMMING METHODS AND WIRING DIAGRAM



PACKAGING INFORMATION



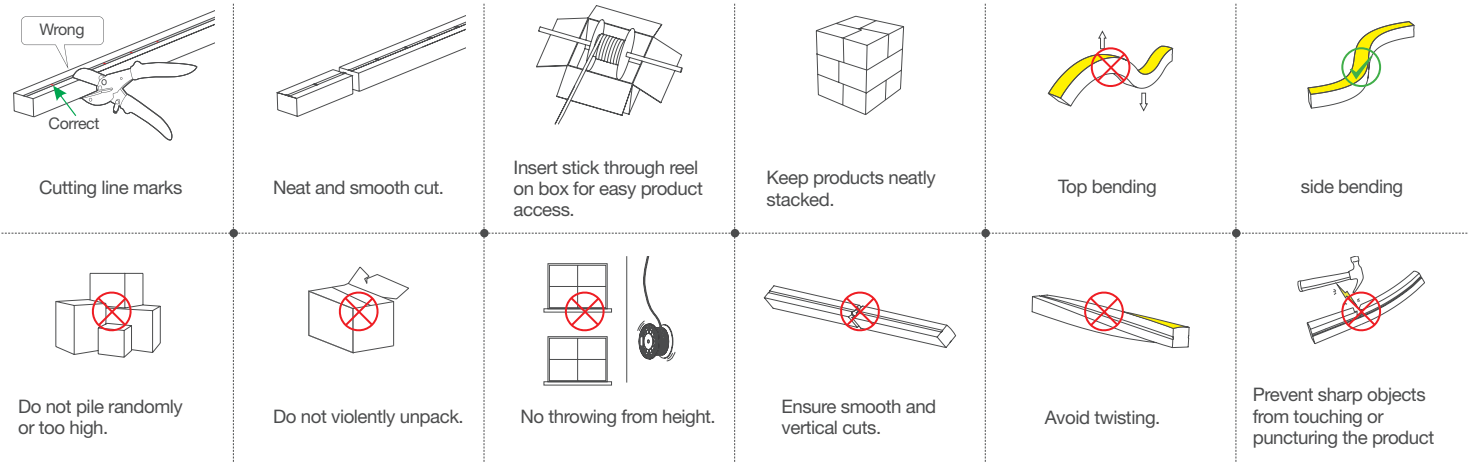
Model No.	Product Size (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Gross Weight (kg)
NSF0306	5000*3.0*6.0	550*400*340	5	120	19.25 (1± 10%)

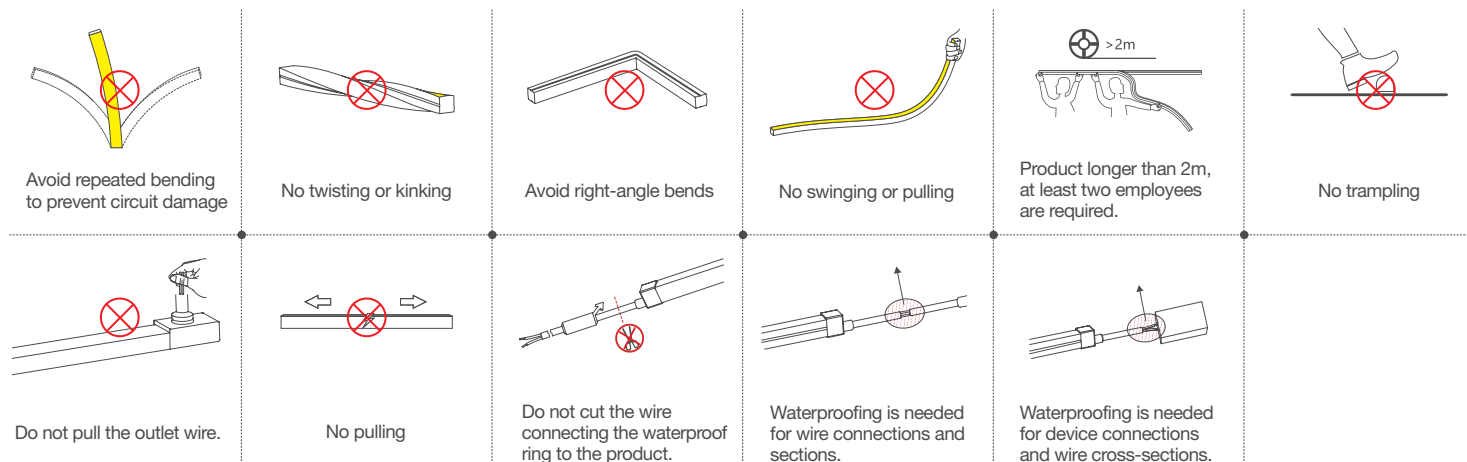
- Notes:
- For other customized length packaging, please ask our sales rep.
 - The above-mentioned packaging quantity and weight are only for the illustrated packaging method. For other packaging methods, the packaging quantity and weight will be different. The actual weight is subject to the actual product.

PRODUCTS AND TOOLS



WARNING MARK

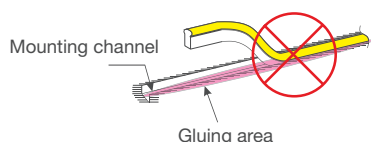




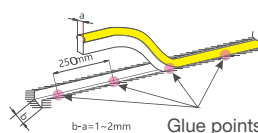
Note: ☐ There are cutting marks on the PCB; ☐ Please pay attention to above warnings during transportation and using;

ATTENTIONS BEFORE INSTALLATION

- Before installation, check that the product parameters are consistent with the requirements (Seeing product specifications or product labels)
- Load voltage, current, power and power supply should be matched with the product.
- Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
- Make sure the correct connection of positive and negative poles between products and power supply. Otherwise, the light will not be on.
- Make sure the power cord firmly screwed into the terminal and it should not be pulled out by hands.
- The terminal should have waterproof and anti-corrosive treatment.
- During installation, if components are used, please refer to the relevant parts description and installation methods in the corresponding specification sheet.
- Ensure that there are channels or clips on the installation carrier to provide fixation.
- For IP68 product, it is not recommended for customers to cut it themselves; for IP67 product, customers may cut it themselves and seal it with adhesive to achieve IP65 rating
- It is not recommended to rely solely on glue for fixing the product; gluing serves only as auxiliary fixation.
- Considering the thermal expansion and contraction of the product, sufficient space must be reserved. It is recommended to have a maximum of four glue points per meter of product.



If using glue for extra fixation, avoid filling the mounting channel entirely, as excessive glue may hinder the release of thermal expansion and contraction stress in the product.



Apply glue only as auxiliary fixation. If gluing is necessary, it is recommended to have a maximum of four glue points per meter of product; the amount of glue should be controlled appropriately to ensure secure fixation.

This product is not suitable for use in environments with strong acids, strong alkalis, diesel, gasoline, or engine oil.

WARNING

- Do not disassemble or retrofit the light. Do not touch the surface of the light with a sharp object.
- Do not do live-line working during installation, especially for high voltage product.
- Do not use any organic chemical solvents.
- Use neutral glass adhesive to fix this product and it needs to be dried 4 hours in the open environment after operation.
- Treat the ends and the circuit connection points that are not connected to the main line with insulation, waterproof, and anti-corrosion in the installation.
- Use 18AWG (0.75mm² cross-sectional area) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.
- Make sure the input voltage meets the requirements and lines are connected correctly before lighting on
- This product is for signage, and do not use as general lighting.
- Series connection within the max run.
- The length of the power cable between the power supply and the led strip should not exceed 2 meters. Otherwise, large circuit loss will lead to inconsistent brightness.
- Installation, maintenance and repair should be operated by a qualified technician.

STATEMENTS AND RECYCLING

Statements

- Repair should be operated by a qualified technician or supplier, if the external circuit or main line of this product is damaged.
- The parameters given in this manual are typical values and for reference only
- All illustrations and drawings in this manual are for reference.
- This product is subject to change without notice.

Recycling

- LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.

Version	Content	Date
A1.1	Update: Basic Parameters	2026-1-8

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