

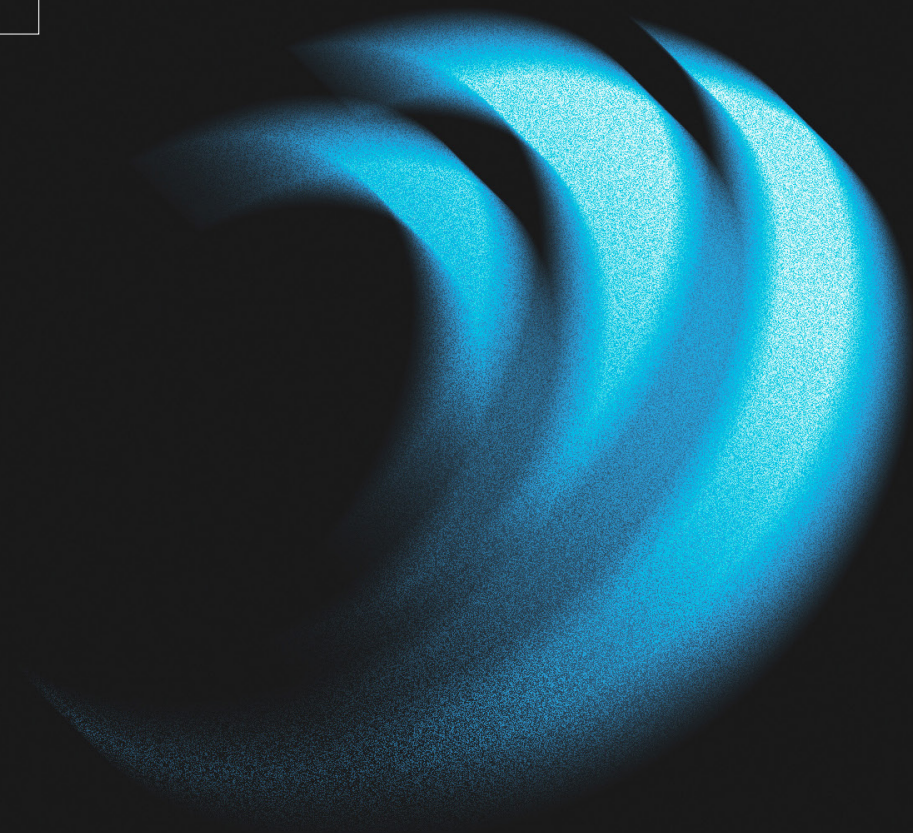


LED NEON

NDF0606

DC 24V

TOP BENDING
MINI SIZE





NDF0606 | Top Bending

FEATURES

- Ultra-small neon, suitable for various application environments.
- Designed with high-quality constant-current components for stable and reliable performance.
- Top bending with good flexibility.
- Warranty: 5 years indoors, 3 years outdoors.
- Multiple spec options, can be customized upon requirements.



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage	Ra	Color	Lm/m	Lm/W	W/m
NDF0606-Single color	24V DC	>90	2700K	372	49	7.6
			4000K	380	50	
			6000K	425	56	

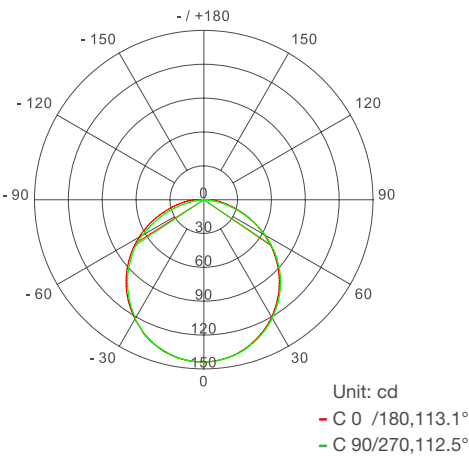
OTHER PARAMETERS

Model No.	LED Qty (pcs/m)	Max Run (m)	Min. Cutting Unit (mm)	Min. Bending Diameter (Top Bending)
NDF0606-Single color	240	5	25	60mm

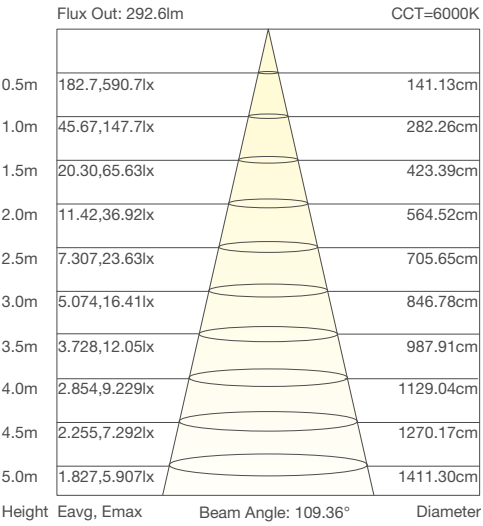
☐ Working Temperature: -20~+50°C ☐ Storage Temperature: -20~+70°C Max run is based on one end power feed

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE ILLUMINATION



AVERAGE BEAM ANGLE(50%): 112.8°



Note: the above two figures are tested with the sample NDF0606 at 6000K, for other data, please consult sales rep.

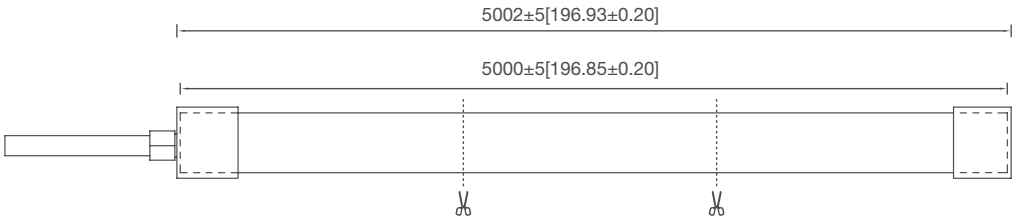
RECOMMENDED POWER SUPPLY UPON WORKING LENGTH

Model No.	Working Length (m)	Current (A)	Voltage	Measured Power (W)	Recommended Power Supply (W)	Power Supply Mode
NDF0606-Single color	1	0.32	DC 24V	7.6	20	Single Feed
	5	1.61		38.6	50	

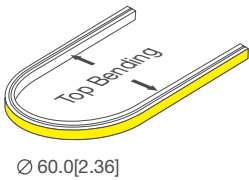
PROFILE DRAWINGS

Unit: mm[inch]

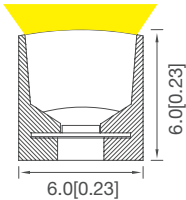
Glue Process (IP67)



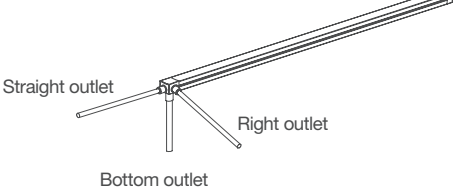
Bending Diameter



Dimension



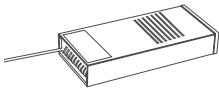
End Cap - Outlet Direction



PRODUCTS AND TOOLS



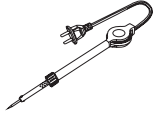
Cutter



Power supply



Electric drill

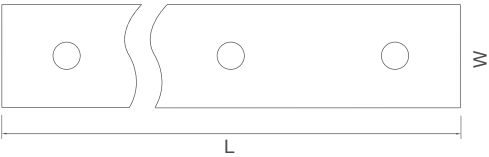


Electric iron

ACCESSORIES INFORMATION

Picture	Item	Model No.	Part No.	Dimensions L*W*H	Quantity (5m)	Free/Optional
	Mounting clip	--	--	12.1*6.3*5.8mm	--	Optional
	Screws	PA3	01.07.022020A011	PA3*10mm	--	Optional
	Silicone Glue	WR-7516	01.10.0220000187	45g/pc	--	Optional

SCHEMATIC DIAGRAM OF INSTALLING ALUMINUM GROOVE

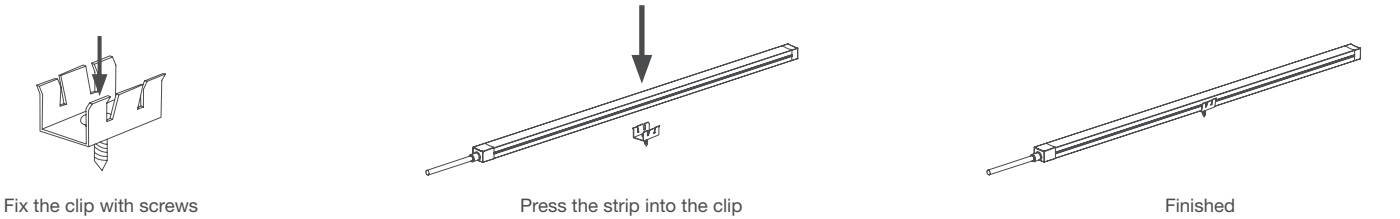


Name	L(mm)	W(mm)	Type
Mounting clip	12.1	6.3	Optional
Aluminum channel	X	--	Customize

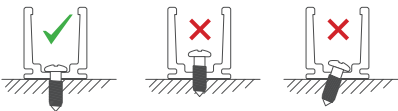
Note: The number of accessories can be increased as needed.

INSTALLATION

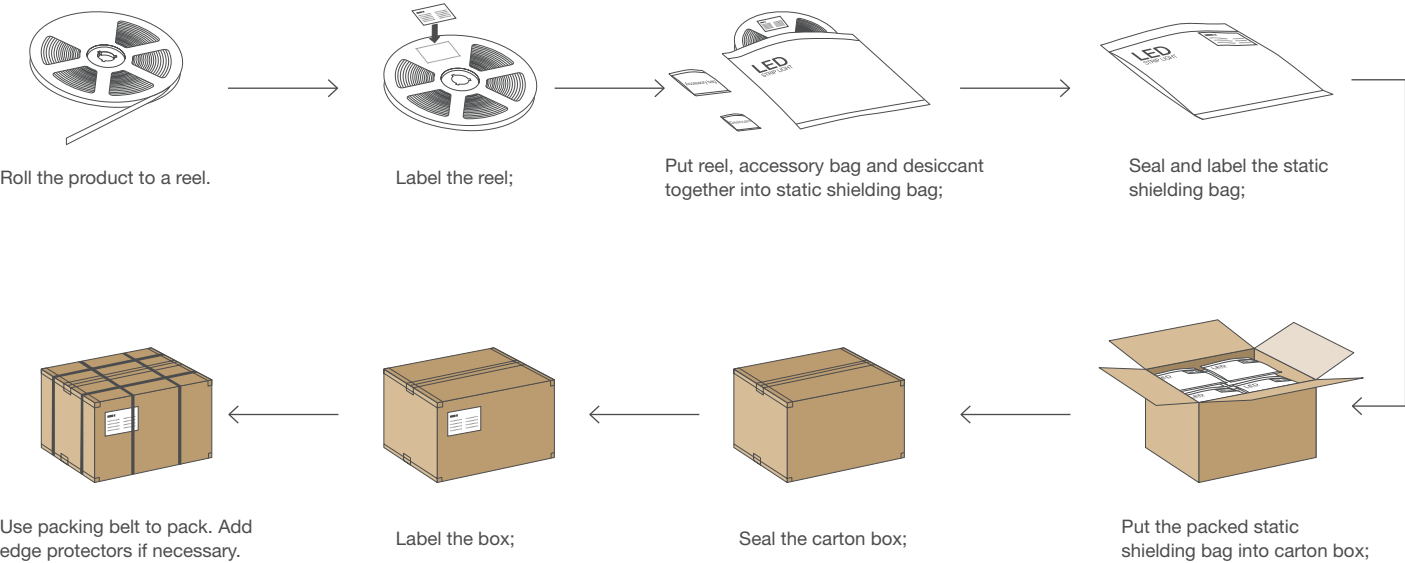
Mounting clip installation



- Notes:
- At the welding place, please pay attention to the positive and negative poles of the wire and the strip;
 - Each connection must use 10g silica gel for waterproof and insulating treatment;
 - The screws must be vertical to the mounting surface and be fastened, as shown in the figure on the right;
 - Please choose suitable operation steps according to the actual needs;
 - During mounting, please pay attention to the min bending diameter, and best to use original factory accessories;
 - More information, please feel free to consult us;



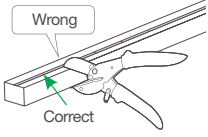
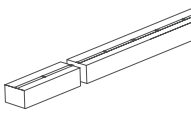
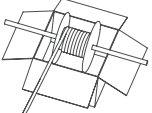

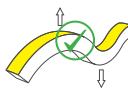
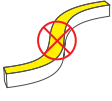
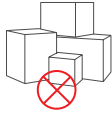
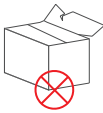
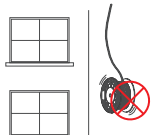
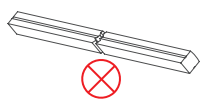
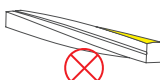
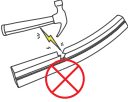
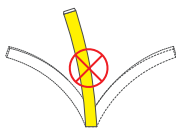

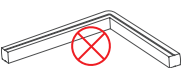
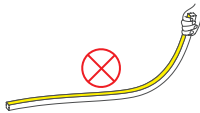
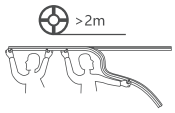
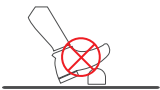
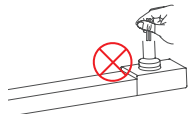

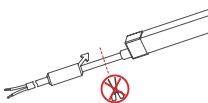
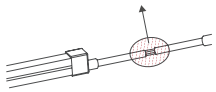
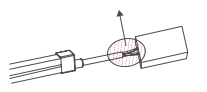
PACKAGING INFORMATION



Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Gross Weight (kg)
NDF0606-Single color	5000*6*6	390*390*325	5	24	15.35(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.

WARNING MARK

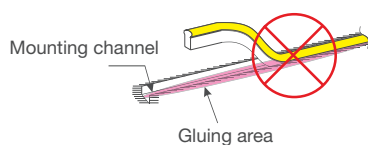
 <p>Wrong Correct</p> <p>Cutting line marks</p>	 <p>Neat and smooth cut.</p>	 <p>Insert stick through reel on box for easy product access.</p>	 <p>Keep products neatly stacked.</p>	 <p>Top bending</p>	 <p>No side bending</p>
 <p>Do not pile randomly or too high.</p>	 <p>Do not violently unpack.</p>	 <p>No throwing from height.</p>	 <p>Ensure smooth and vertical cuts.</p>	 <p>Avoid twisting.</p>	 <p>Prevent sharp objects from touching or puncturing the product</p>
 <p>Avoid repeated bending to prevent circuit damage</p>	 <p>No twisting or kinking</p>	 <p>Avoid right-angle bends</p>	 <p>No swinging or pulling</p>	 <p>Product longer than 2m, at least two employees are required.</p>	 <p>No trampling</p>
 <p>Do not pull the outlet wire.</p>	 <p>No pulling</p>	 <p>Do not cut the wire connecting the waterproof ring to the product.</p>	 <p>Waterproofing is needed for wire connections and sections.</p>	 <p>Waterproofing is needed for device connections and wire cross-sections.</p>	

Note: ☐ There are cutting marks on the PCB;

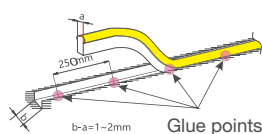
☐ Please pay attention to above warnings during transportation and using;

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	First release	2025-8-13

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