

Top bending

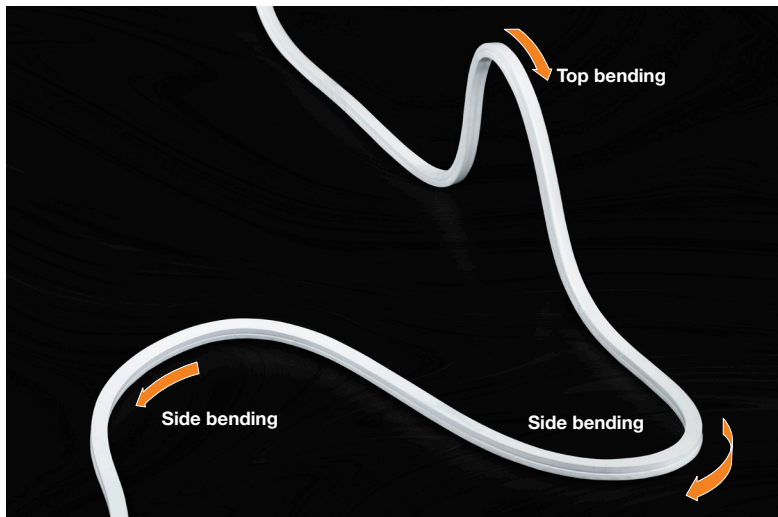


LED

NEON FLEX

NMF1010

Side bending



Features

- Color options: Single color ;
- CRI@90+, support external dimmer;
- Good linear effect and better environmental adaptability;
- Can be bent on top and side, easy to shape;
- A variety of specifications are available,support customization;
- Power Supply Mode: single feed,max run 5m; double feed,max run 10m.
- Warranty: 5 years indoors, 3 years outdoors;



Optical & Electrical Parameters

Model No.	Voltage	Beam Angle	Dimmable	CRI	Color	Lm/m	Lm/W	Rated Power
NMF1010-Single color	24V DC	114°	Yes	>90	2300K	495	64	8.0 W/m
					2600K	502	64	
					2900K	530	67	
					3300K	552	70	
					4100K	556	71	
					4900K	554	71	
					6200K	548	70	
NMF1010-Single color	24V DC	114°	Yes	/	Red	186	24	8.0 W/m
					Green	635	70	
					Blue	116	15	
					Yellow	132	18	
					Orange	200	28	

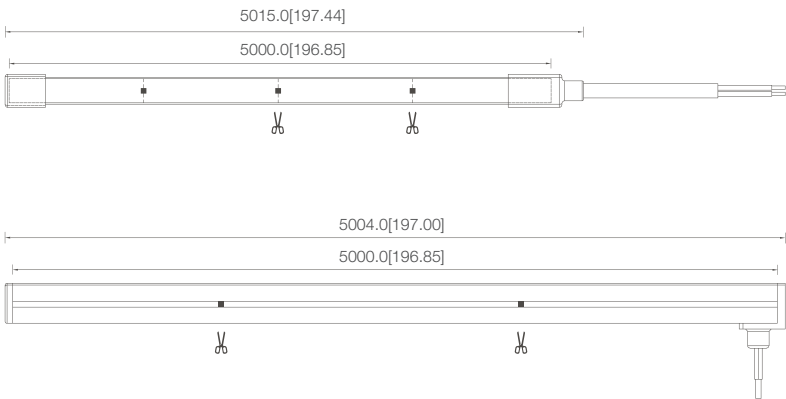
Other Parameters

Model No.	LED QTY (pcs/m)	Standard Run	Min. Cuttable Length	Working Temperature	Storage Temperature
NMF1010-Single color	120	5000.0mm	50.0mm	-20~+60°C	-20~+70°C

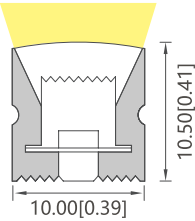
Note:
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

Unit: mm[inch]



Sectional view



Bending Diameter



Front cap

Closing End-cap

Glue Process (IP67)

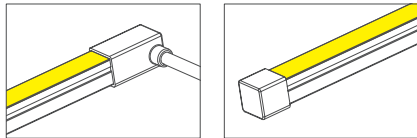
Molding Pressed (IP67)



Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

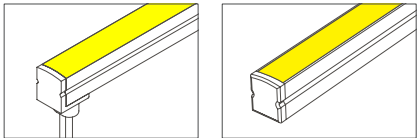
Glue Process (IP67)



Color
Single color

Outlet Direction
Left / Right / Bottom

Molding Pressed (IP67)



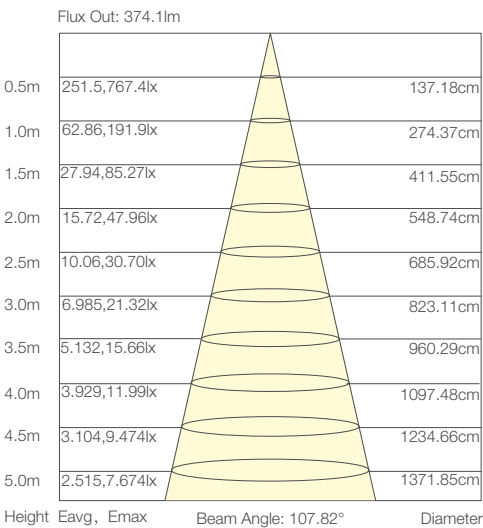
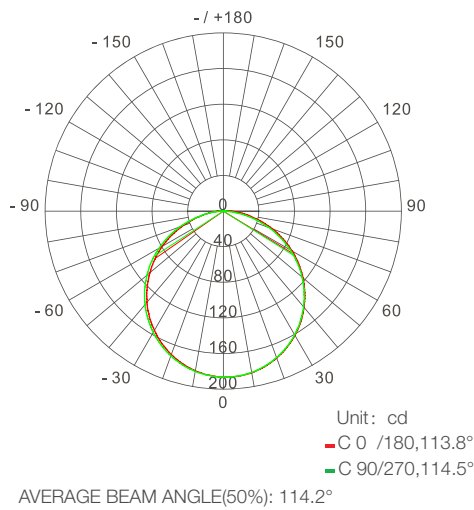
Color
Single color

Outlet Direction
Bottom

- Glue process the end cap after cutting, warranty will be provided upon IP65 rated.
- No warranty will be provided if the injection moulded(IP68) end cap destroyed or reprocessed.
- Corresponding molding equipment and mold needed for self-processing injection moulded end cap, contact the sales for more information.

Luminous Intensity Distribution Diagram

Average Illumination



Note: above data tested with NMF1010-W at 2300K , for other data,please consult sales rep.

Recommended power supply upon working length

NMF1010-single color

Working Length	Measured Current	Rated Voltage	Measured Power	Recommended Power Supply	Power Supply Mode
1m	0.32 A	24V DC	7.73 W	12 W	Single Feed
5m	1.44 A	24V DC	34.56 W	50 W	Single Feed

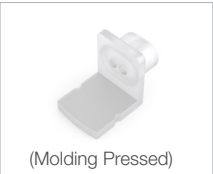
Product accessories



ASY-NMF1010-N00NNH-EC
Item: Front cap
Dimensions L*W*H: 24*18.4*12.9mm
Quantity / 5m: 1pcs
Free/Optional: Free



ASY-NMF1010-N00NNX-EC
Item: Closing End-cap
Dimensions L*W*H: 20*12.4*12.9mm
Quantity / 5m: 1pcs
Free/Optional: Free



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Item: Front cap
Dimensions L*W*H: 2*10*12mm
Quantity / 5m: 1pcs
Free/Optional: Optional



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Item: Closing End-cap
Dimensions L*W*H: 3*12.5*6.5mm
Quantity / 5m: 1pcs
Free/Optional: Optional



ASY-NMF1010-A2NN1000-MT
Item: Aluminum Channel
Dimensions L*W*H: 1000*12*12.5mm
Quantity / 5m: 5pcs
Free/Optional: Optional



ASY-NMF1010-A4NN0025-MT
Item: Aluminum track
Dimensions L*W*H: 25*12*12.5mm
Quantity / 5m: 15pcs
Free/Optional: Optional



ASY-NMF1010-MNN0500-MT
Item: S-type track
Dimensions L*W*H: 500*11.12*9.98mm
Quantity / 5m: 15pcs
Free/Optional: Optional

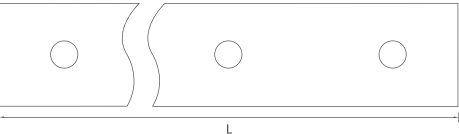


PA3
Item: Screws
Dimensions L*W*H: PA3*10
Quantity / 5m: 30pcs
Free/Optional: Optional



WR-7516
Item: Silicone Glue
Dimensions: 45g/pc
Quantity / 5m: 1pcs
Free/Optional: Optional

Schematic diagram of installing aluminum groove



Name	L(mm)	W(mm)	Type
Aluminum clip	25	12.3	Optional
Aluminum channel	1000	12.0	Optional

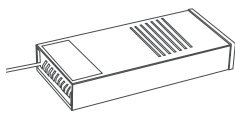
Note:

Accessories can be added according to customer requirements;

If customers need to process molded caps by themselves, they need to be equipped with corresponding molds and molding equipment;

If the customer processes the molded cap for the second time, and the waterproofing fails to meet our company's standard, the hidden quality risks are not covered by the warranty;

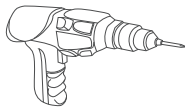
Products and Tools



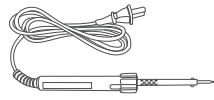
LED power supply



Cutter



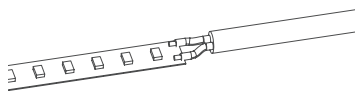
Electric iron



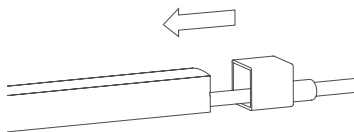
Electric drill

Installation

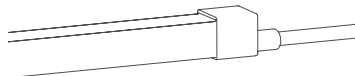
Front cap installation



Weld the wire to the PCB board.

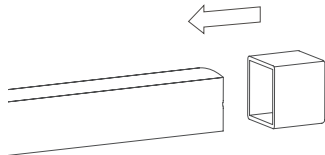


First put waterproof glue inside of the end exit, then push into the strip light.

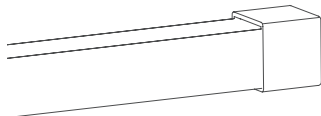


Wipe off the excess glue and wait for the glue to solidify.

Closing-end cap installation



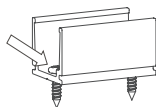
First put some glue inside of the plug, then push into the strip light



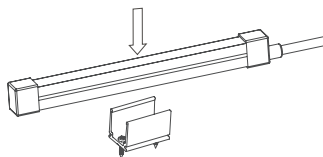
Wipe off the excess glue and wait for the glue to solidify.

- At welding part, note the positive and negative poles of lines and board; positive to positive and negative to negative.
- Each connection point must use 10g silicone glue, and add waterproof and insulation treatment;
- The customer selects the appropriate operations according to actual needs;
- Please handle with care during the installation. The corners should meet the minimum bending diameter of the product, and you need to use our matching accessories to install, so as to avoid unnecessary losses to you;
- If you don't know enough about the product, please feel free to consult before buying. We will consider it for you and try our best to bring you a good buying experience;

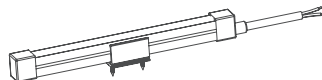
Aluminum channel installation



Fix the installation channel with screws

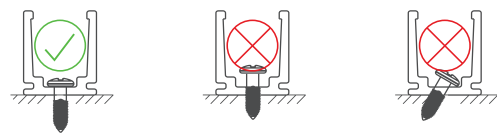


Put the strip into the channel

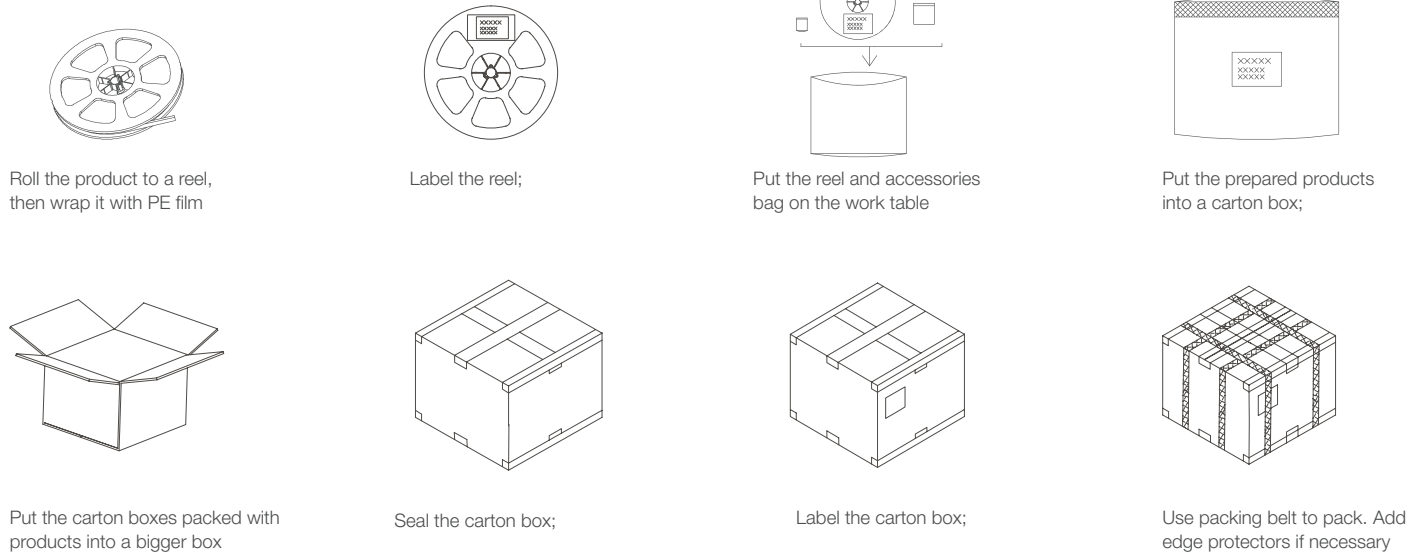


Finished

- Note:
- At the welding place, pay attention to the positive and negative of the line and the strip; they must be connected correctly.
 - Each connection must use 10g silica gel for waterproof and insulating treatment;
 - The mounting screws must be vertical to the mounting surface and must be fastened, as shown in the figure on the right;
 - The customer can choose the appropriate operation steps according to the actual needs;
 - During the mounting, pay attention to the minimum bending diameter of the product at the corners. It's better to use our matching accessories to install, so as to avoid unnecessary losses;
 - If you don't know enough about the product, please feel free to consult us.



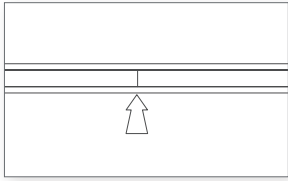
Packaging Information



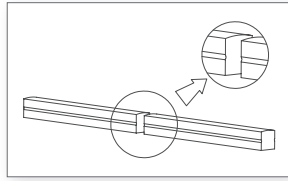
Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
NMF1010	5000*10	390*390*325	5	18	/(1±10%)	15.50 (1± 10%)

- Each roll(5m) of this product is loaded with a reel, and the reel is packed in an aluminum foil bag, and finally in an outer box.
- 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.

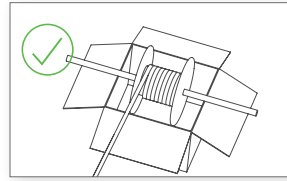
Warning Mark



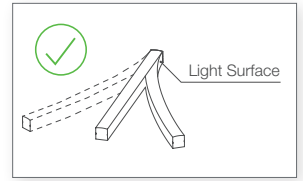
Cuttable identifier



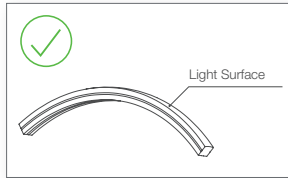
Neat and smooth cut



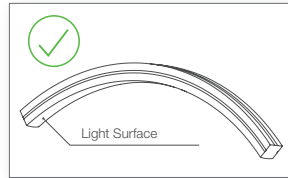
Insert a stick on the reel and place it on the packing box, and rotate the reel to get the product.



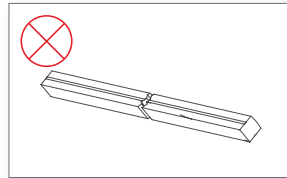
Correct usage of products



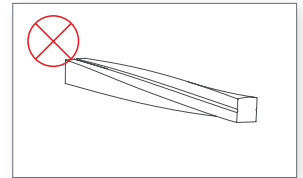
use in concave direction



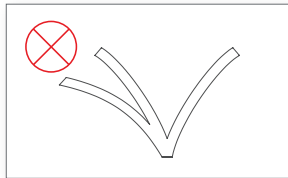
use in convex direction



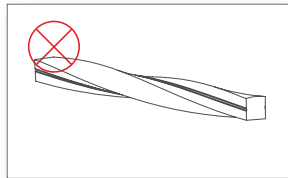
Do not make irregular cuts.



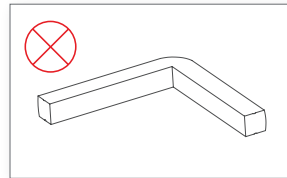
Do not use in distortions



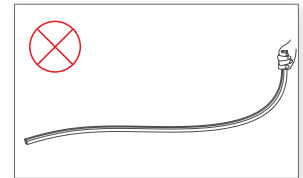
Do not bend many times, for it can endanger electronic lines.



Do not use on wringing (twist)



Do not bend at right angles



Do not throw or pull when taking products

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.

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.

Statements and Recycling

Packaging information

- 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.

BLUEVIEW ELEC-OPTIC TECH CO.,LTD

☐ Tel: +86-28-8148 0011 ☐ Web.: Web.: www.blueviewled.com ☐ Add.: No. 1000, Section 2, Konggang 2nd Road, Shuangliu, Chengdu 610207, Sichuan, CHINA
☐ Fax: +86-28-8148 1258 ☐ Email: sales@blueviewled.com