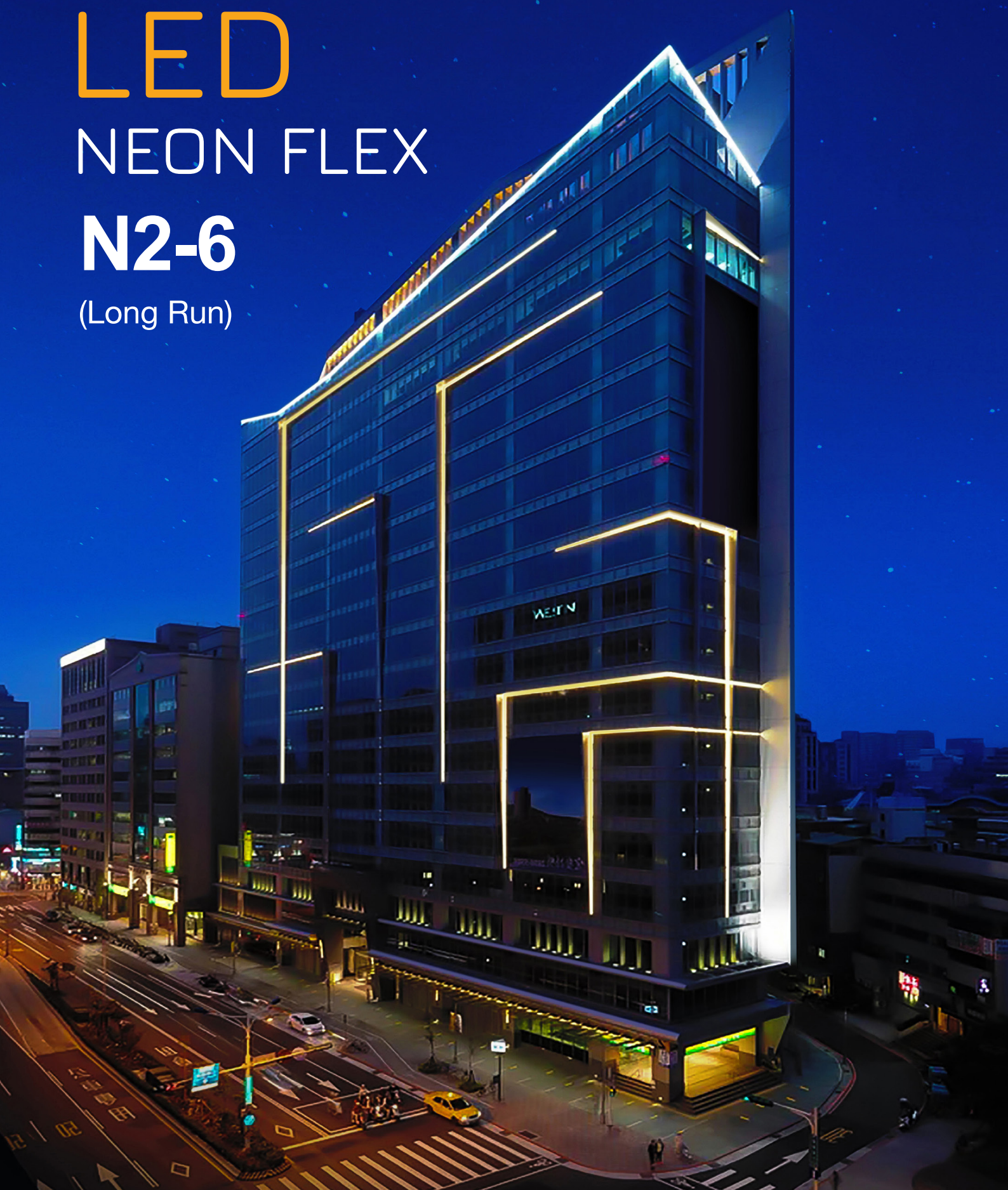


LED

NEON FLEX

N2-6

(Long Run)





Features

- Innovative wiring design makes on-site waterproof treatment after cutting more convenient;
- Constant current design, with small voltage drop rate and even illumination;
- Can be bent top and side, which is convenient for installation;
- IP68, IK08;
- Standard run 25m (single-feed) with high cost performance;
- European regulation ErP G level;
- Warranty: 5 years indoor, 3 years outdoor;
- Multiple specifications available, support customization;



Optical & Electrical Parameters

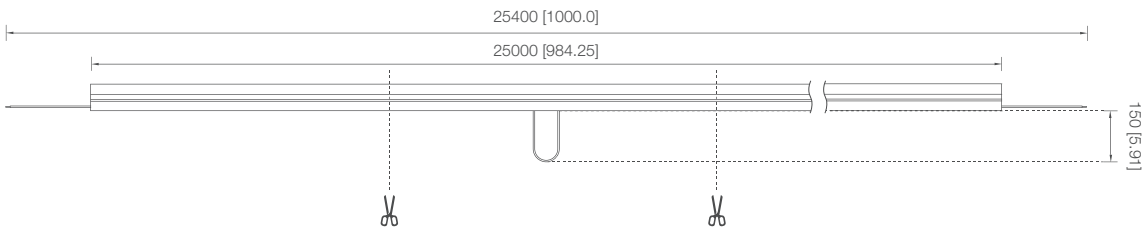
Model No.	Voltage	Beam Angle	CRI	CCT	Lm/m	Lm/W	Rated Power (W/m)	Energy efficiency class
N2-6	24V DC	180°	>70	5500K	369	39	9.6	G

Other Parameters

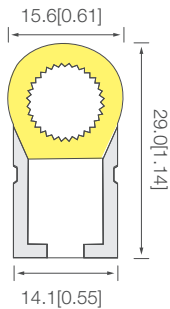
Model No.	LED QTY (pcs/m)	Standard Run	Pixel (Pix/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
N2-6	60	25000mm	/	22.4mm	-20~+60°C	-20~+70°C

Profile Drawings

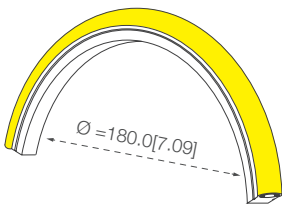
Unit: mm[inch]



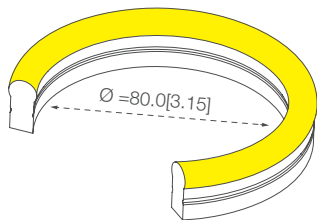
Sectional view



Top bending



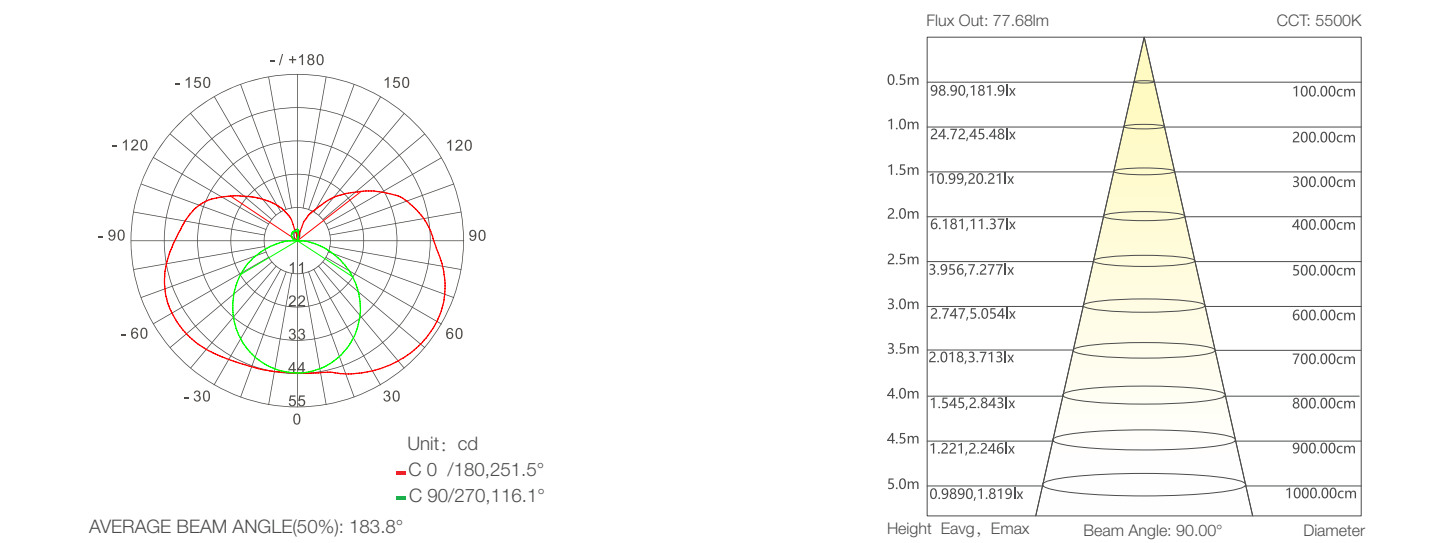
Side bending



The light strip can be customized according to the multiple of the minimum cutting unit length.
There are short connection wires every 0.5m in length

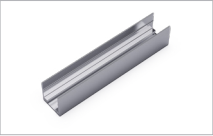
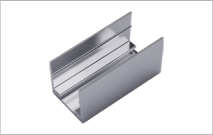



Luminous Intensity Distribution Diagram

Average Illumination



Note: the above two figures are tested with the sample N2-6 at 5500K. For other data,please consult sales, rep.

Product accessories

Item	Model No.	Dimensions L*W*H(mm)	Quantity (m)/pcs	Free/Optional
	Aluminum Channel	/	/	(25): --- Optional
	Aluminum track	/	/	(25): --- Optional
	S-type Track	/	/	(25): --- Optional
	Screws	PA3	PA3*10	(25): --- Optional
	Silicone Glue	WR-7516	45g/pc	(25): --- Optional

Products and Tools



Cutter



LED power supply



Electric drill

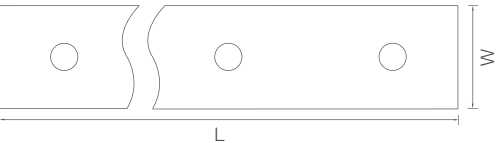


Electric iron

Recommended power supply upon working length

Working Length	Measured Current	Rated Voltage	Measured Power	Recommended Power	Power Supply Mode
1m	0.39 A	24V DC	9.27 W	12 W	Single Feed
25m	9.36 A	24V DC	224.64 W	300 W	Single Feed


Schematic diagram of installing aluminum groove



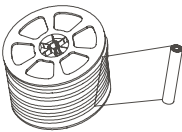
Name	L(mm)	W(mm)	Type
Aluminum clip	35	17	Optional
Aluminum channel ②	1000	17	Optional
Aluminum channel X	X	--	Customized

Note:
A accessories can be added according to customer requirements;

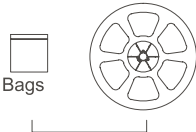
Packaging Information



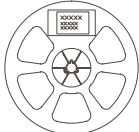
Roll the product to a reel



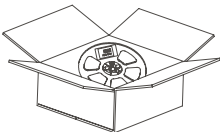
Wrap the reel with PE film



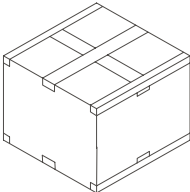
Put the reel and accessories bag on the work table



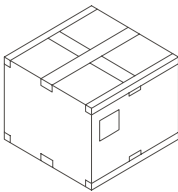
Label the reel;



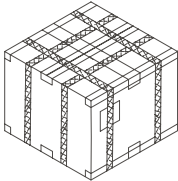
Put the prepared products into a carton box;



Seal the carton box;



Label the carton box;

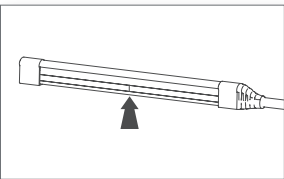


Use packing belt to pack. Add edge protectors if necessary

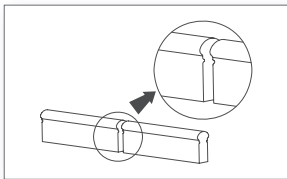
Model No.	Product Size (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
N2-6	25000*15.6*29	390*390*325	25	1	/(1±10%)	12.50 (1± 10%)

- Each roll(25m) of this product is loaded with a reel, and the reel is packed 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.

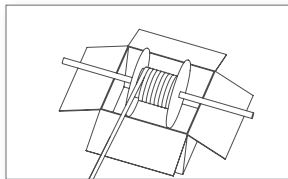
Warning Mark



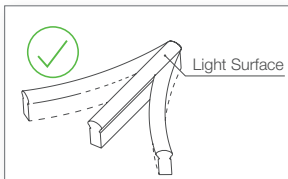
Cuttable identifier



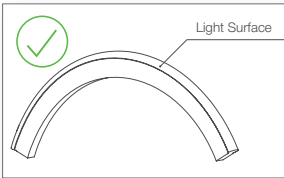
Neat and smooth cut



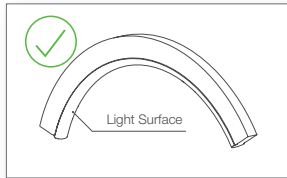
Insert a stick on the reel and place it on the packing box, and rotate the reel to get the product.



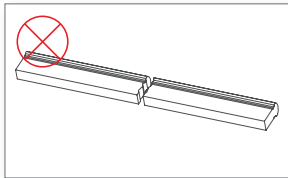
Correct usage of products



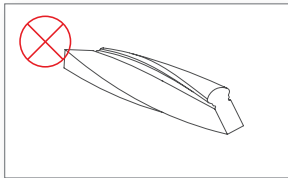
use in convex direction



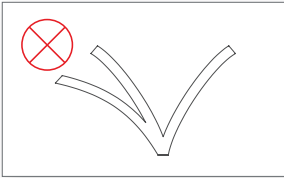
use in concave direction



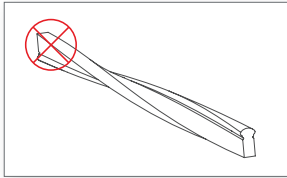
Do not make irregular cuts.



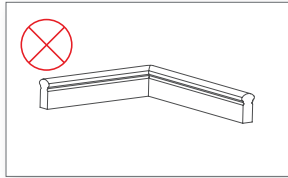
Do not use in distortions



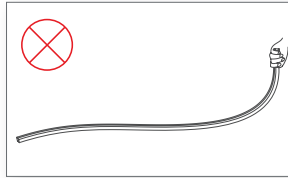
Do not bend many times, for it can endanger electronic lines.



Do not use on wringing (twist)



Do not bend at right angles



Do not throw or pull when taking products

Energy efficiency classes of light sources

Energy efficiency class	Total mains efficacy η_{TM} (lm/W)
A	$210 \leq \eta_{TM}$
B	$185 \leq \eta_{TM} < 210$
C	$160 \leq \eta_{TM} < 185$
D	$135 \leq \eta_{TM} < 160$
E	$110 \leq \eta_{TM} < 135$
F	$85 \leq \eta_{TM} < 110$
G	$\eta_{TM} < 85$

Note: the table cite from "ERPEU2019/2020&EnergyLabel: EU2019/2015". Non directional / non main light source $F_{TM}=0.926$, or: $\eta_{TM}=\eta_{use} \times F_{TM}$

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.
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