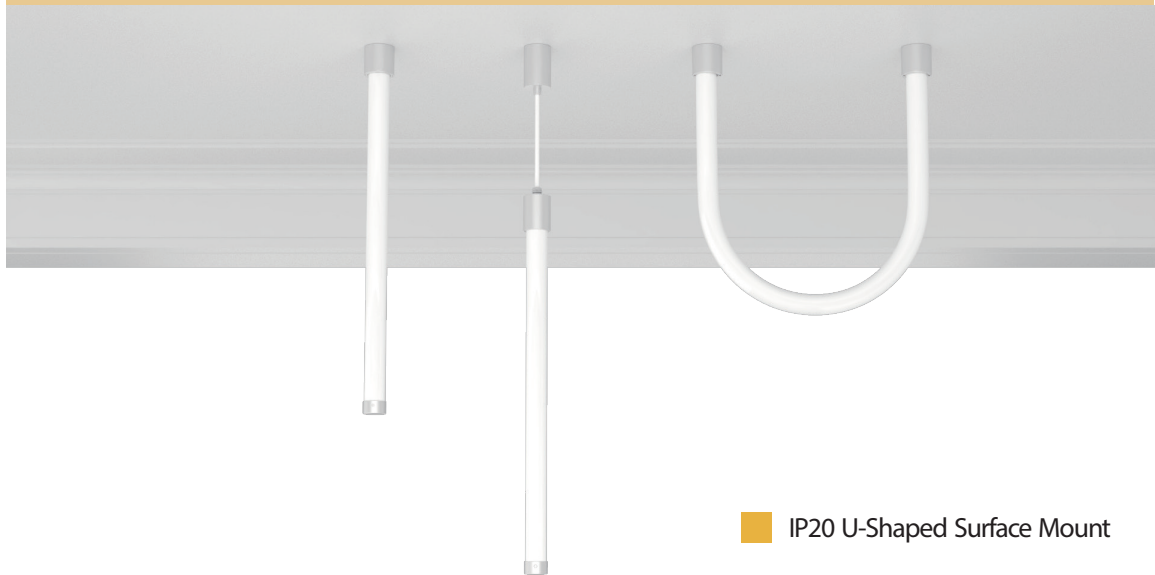
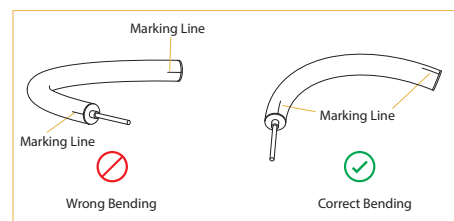


Operation Instruction

FXN 360











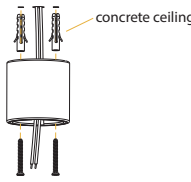
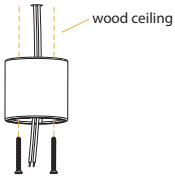
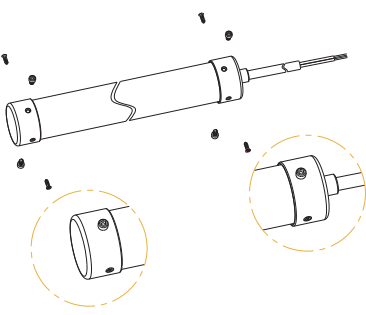
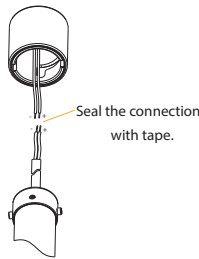
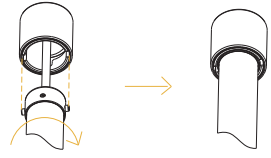
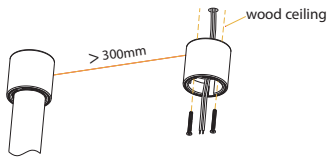
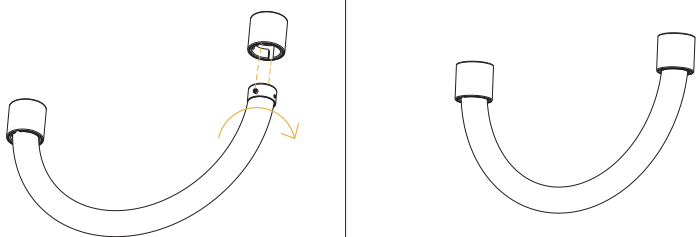
- IP20 U-Shaped Surface Mount
- IP20 I-Shaped Surface Mount
- IP54 I-Shaped Suspension



FXN 360 FLEXIBLE NEON IP20 U-Shaped Surface Mount








Accessory List


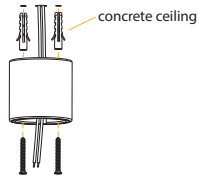
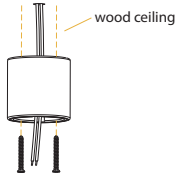
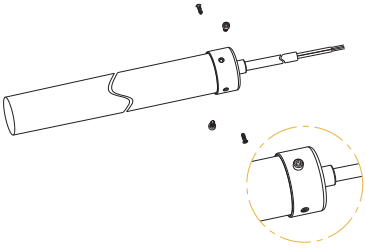
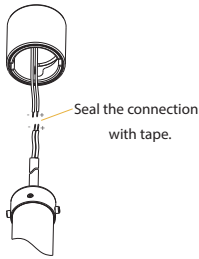
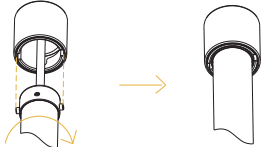
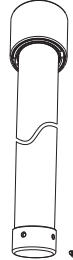

 4 pcs	 4 pcs	 2 pcs	 1 pc
 4 pcs	 4 pcs	 1 pc	

<p>1. Run the cable through the ceiling outlet.</p> 	<p>2. Mount on the ceiling.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="624 772 1013 1131"> <p>Accessory needed: 1 2 3</p>  <p>concrete ceiling</p> </div> <div data-bbox="1013 772 1412 1131"> <p>Accessory needed: 2 3</p>  <p>wood ceiling</p> </div> </div>	
<p>3. Install caps.</p> <p>Accessory needed: 4 5 6 7</p> 	<p>4. Wire the light to the cable.</p>  <p>Seal the connection with tape.</p>	<p>5. Rotate to secure one end of the light.</p>  <p>Align, push up, rotate until tight, then pull down to lock.</p>
<p>6. Mount another end on the ceiling.</p>  <p>wood ceiling</p> <p>> 300mm</p>	<p>7. Rotate to secure the other end of the light.</p> 	

FXN 360 FLEXIBLE NEON IP20 I-Shaped Surface Mount

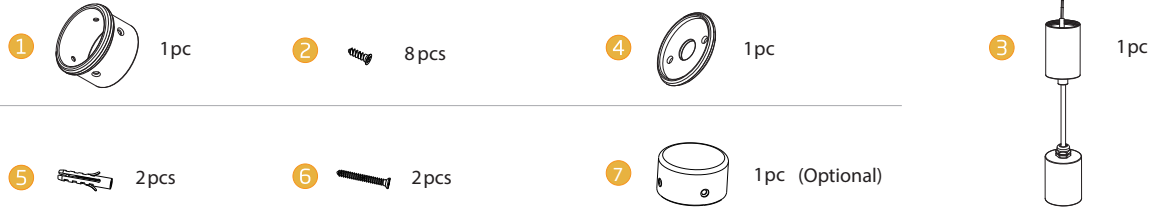
Accessory List

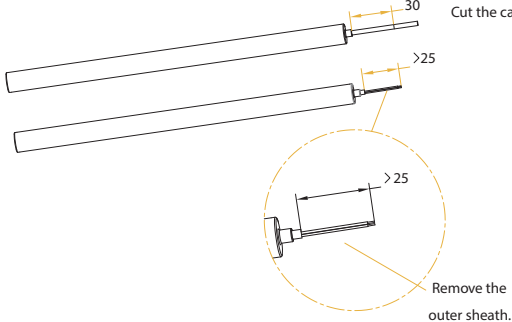
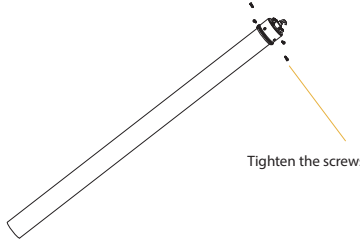
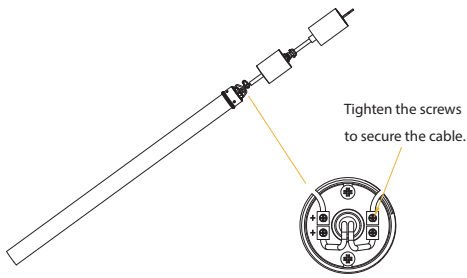
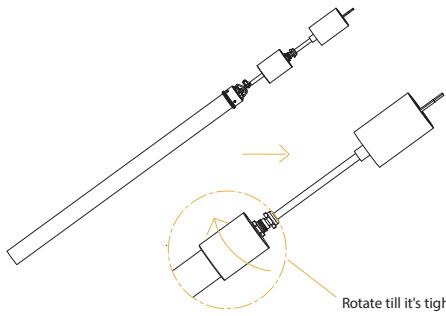
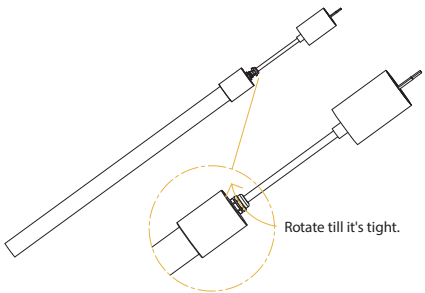
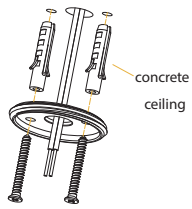
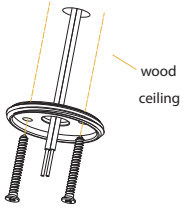
 2 pcs	 2 pcs	 1 pc	 1 pc
 2 pcs	 6 pcs	 1 pc (Optional)	

<p>1. Run the cable through the ceiling outlet.</p>	<p>2. Mount on the ceiling.</p>	
	<p>Accessory needed: 1 2 3</p>  <p>concrete ceiling</p>	<p>Accessory needed: 2 3</p>  <p>wood ceiling</p>
<p>3. Install the front cap.</p>	<p>4. Wire the light to the cable.</p>	<p>5. Rotate to secure the light.</p>
<p>Accessory needed: 4 5</p> 	 <p>Seal the connection with tape.</p>	 <p>Align, push up, rotate until tight, then pull down to lock.</p>
<p>6. Install the optional cap.</p>		
<p>Accessory needed: 6 7</p>  <p>Tighten the screws to secure the end cover.</p>		

FXN 360 FLEXIBLE NEON IP54 I-Shaped Suspension

Accessory List

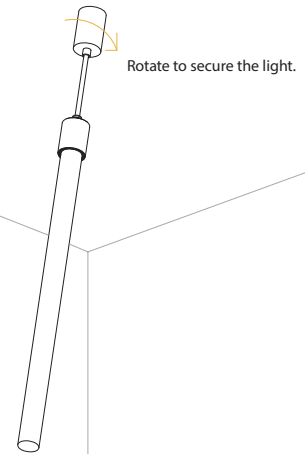
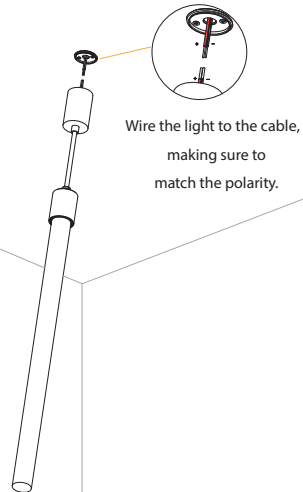


<p>1. Remove the outer sheath from cable.</p>  <p>Cut the cable</p> <p>Remove the outer sheath.</p>	<p>2. Secure the front cap.</p> <p>Accessory needed: 1 2</p>  <p>Tighten the screws to secure.</p>
<p>3. Connect the cable.</p> <p>Accessory needed: 3</p>  <p>Tighten the screws to secure the cable.</p>	<p>4. Rotate to secure the ceiling mount set.</p> <p>Accessory needed: 3</p>  <p>Rotate till it's tight.</p>
<p>5. Secure the sealing screw.</p>  <p>Rotate till it's tight.</p>	<p>6. Mount on the ceiling.</p> <div style="display: flex;"> <div style="flex: 1;"> <p>Accessory needed: 4 5 6</p>  <p>concrete ceiling</p> </div> <div style="flex: 1;"> <p>Accessory needed: 4 6</p>  <p>wood ceiling</p> </div> </div>

FXN 360 FLEXIBLE NEON

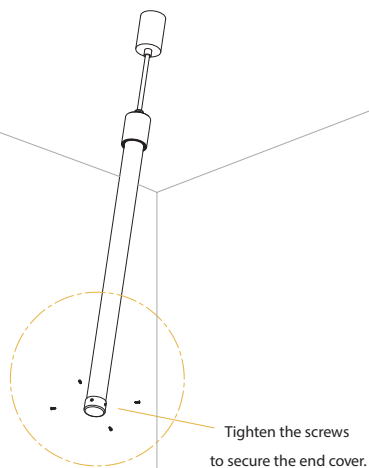
IP54 I-Shaped Suspension

7. Install the light on the ceiling.



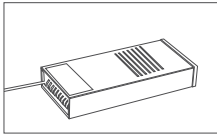
8. Install the optional end cover.

Accessory needed: **2** **7**

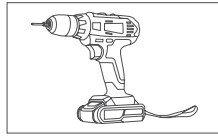


FXN 360 FLEXIBLE NEON

Products and Tools



LED power supply

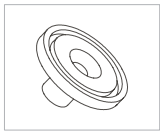


Electric drill

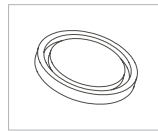


Controller (If needed)

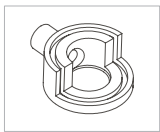
Product accessories



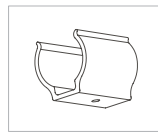
Item: Front cap
Dimensions L*W*H: \varnothing 32*16mm
Quantity (3m): 2pcs
Free/Optional: Optional



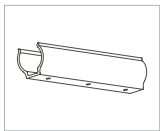
Item: Closing End-cap
Dimensions L*W*H: \varnothing 32*4mm
Quantity (3m): 2pcs
Free/Optional: Optional



Item: Front cap (side outlet)
Dimensions L*W*H: 41*32*15mm
Quantity (3m): --
Free/Optional: Optional



Item: Plastic groove-20mm
Dimensions L*W*H: 20*37*36.6mm
Quantity (3m): --
Free/Optional: Optional



Item: Plastic groove-1000mm
Dimensions L*W*H: 1000*37*36.6mm
Quantity (3m): --
Free/Optional: Optional

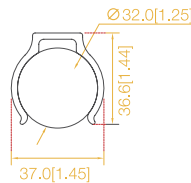


Item: Silicone Glue
Dimensions: 45g/pc
Quantity (3m): --
Free/Optional: Optional

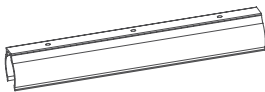


Item: Screws
Dimensions L*W*H: PA3*10 mm
Quantity (3m): --
Free/Optional: Optional

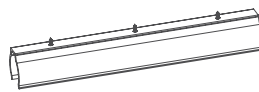
Profile Drawings (neon + installation accessories)



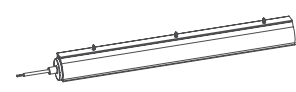
Installation



Prepare the plastic groove



Use screws to fix the plastic groove to the mounting surface



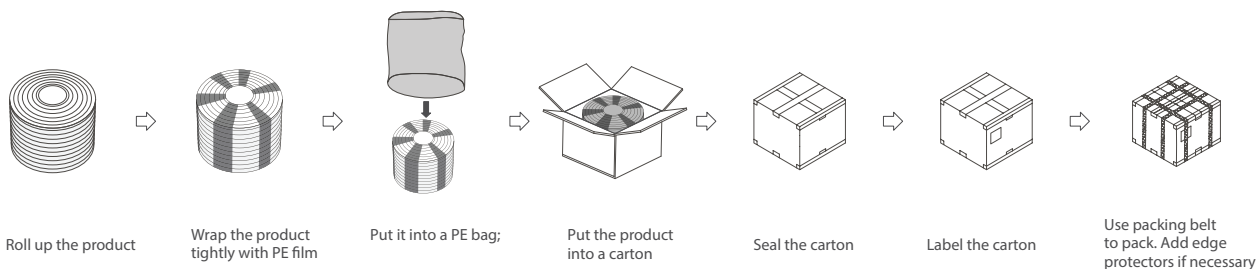
Put the strip into the groove



Note:
The profile must be installed vertically and securely fastened, as shown in the diagram above.
Customers should choose the appropriate installation steps based on their actual needs.
During the installation process, please ensure that the minimum bending diameter is met at corners.
Please use our company's matching accessories for installation to avoid unnecessary damage.
For more information, please contact sales rep.

FXN 360 FLEXIBLE NEON

Packaging Information



Packaging information

Model No.	Product Size (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Gross Weight (kg)
FXN-360	3000*32*32	455*455*250	3	10	16.50(1± 10%)

Note:

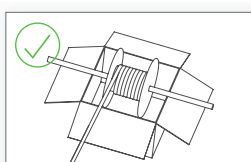
For other customized length packaging, please ask our sales rep.

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.

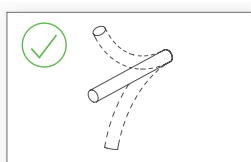
Reliability Test

Project	Reference standards	Category	Test conditions	Outcome
Environmental test	In-house testing	PTC test	TH=-40~+60°C/ 2h, dwell 15min, temperature rise/down takes 45min.	Pass
		High temperature resistance test	Simulated TH=60°C, continuously light on	
		UV test	UVB wavelength: 315-400nm; radiation intensity: 0.83W/m ² TH=50°C/ 5h; spray 1h	
		Room temperature aging test	Ta=25°C, continuously light on	
		IK10 test	Impact ball weight :1.7kg, impact energy :20J, impact ball Elevation:1.2m(=20J/1.7kg*9.8m/s)	
		IPX7	soaking depth 1m, test duration 30min	IP67
		Bending test	Bending diameter: Ø 200mm, Ta=25°C, continuously powered on	Pass
Mechanical strength testing	In-house testing	Tensile test	Both ends of the strip fixed on the testing equipment. then power on and record the tension value when the sample is turned off.	Pass
		Lifting test	Fix the sample on the mounting clip, place down the side mounted with strip for 1h, and observe whether the strip falls off.	

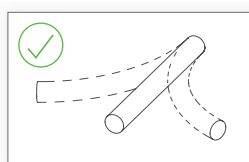
Warning Mark



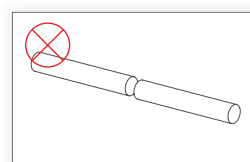
Insert a stick on the reel and place it on the packing box, and rotate the reel to get the product.



Correct usage



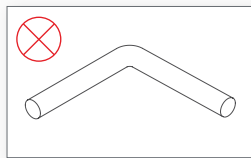
Correct usage



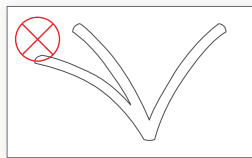
Do not make cuts.

FXN 360 FLEXIBLE NEON

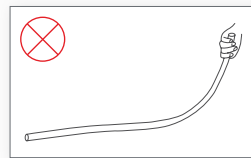
Warning Mark



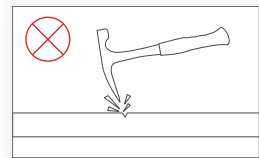
Do not bend at right angles



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



Do not throw or pull when taking products



Avoid touching sharp objects

Note:

Please pay attention to above warnings when using;

Our company will not be held responsible for any quality hazards caused by damage to the product due to contact with sharp objects.

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

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.