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USER MANUAL SMDY 230V LED STRIP

To user

Thank you for chosing our products. Please read carefully before use so that you can use it correctly.
Please be sure to take care of this manual.

Warning

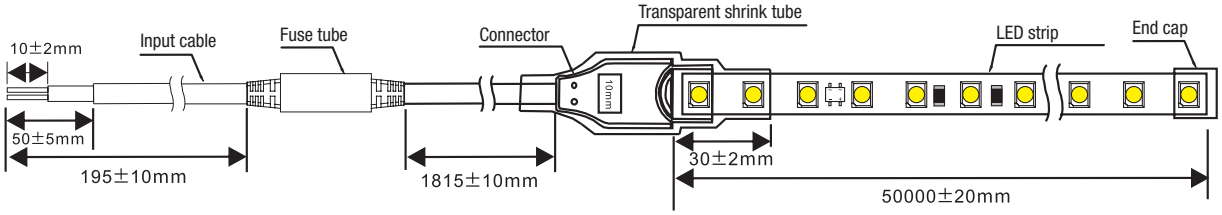
- This product is limited to licensed professional electrician installation.
- It is prohibited to plug on before the LED strip is fully unrolled.
- LED STRIP is not suitable for being covered with thermal insulation materials. Avoid causing a fire accident.
- LED STRIP is not suitable for direct installation on the surface of ordinary combustible materials.
- Please do not use it when you find insulation damage to the LED STRIP or specified connection assembly.
- LED STRIP can only use the specified connection components provided by the manufacturer, and it is prohibited to connect with other LED STRIP products.
- Individual specified connection assembly allows a maximum of 50 meters of LED strip to be connected.
- It is prohibited to wipe LED strip with solvent containing aromatic hydrocarbons and chlorhydrocarbons.
- Please install it beyond the reach of humans and animals.Do not remove the end cap.
- Input voltage: AC 220–240V, 50/60Hz. Do not exceed the maximum rated power to prevent fire and other hazards.
- During construction, please install in strict accordance with the requirements of LED strip installation.
- If installed improperly, it is easy to cause falling, electric shock, fire and other accidents.
- Please do not modify the LED strip or replce the structural components (LED module, pecified connection assembly, etc.) Avoid accidents such as electric shock, fire, fall,etc.
- Before using the LED STRIP, all connections including front connector and end cap must be glued and sealed insulation to prevent electric shock.
- Once the LED strip is connected to the power, no operation is allowed to the LED strip until powered off by switch.

Caution

- Please light the LED STRIP for testing before installation to ensure it is the correct product. Avoid damage caused by disassembly.
- This LED strip is suitable for indoor installation. For outdoor use, secondary waterproof treatment is required, and all connecting parts must be kept dry.
- If any abnormal status of the LED strip is detected, cut off the power supply immediately for inspection and contact the dealer, to prevent hazards such as the strip falling, electric shock and fire.
- The LED strip is not suitable for locations with persistent standing water, severe vibration or corrosive gases.
- Ambient temperature: -20 ~ +45°.
- LEDs have inherent tolerances. The same model of LED strips may have differences in light color, brightness and power.
- Uneven light distribution may occur when the irradiation distance is very short or the irradiated surface is special.

Product structure drawing

Warning: When the LED strip is still in a roll, please don't light up it in case of being damaged due to heating.

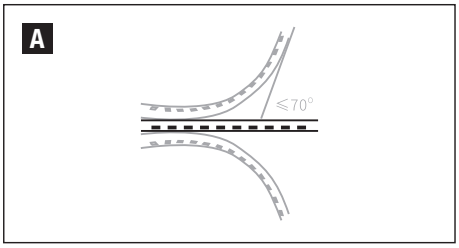


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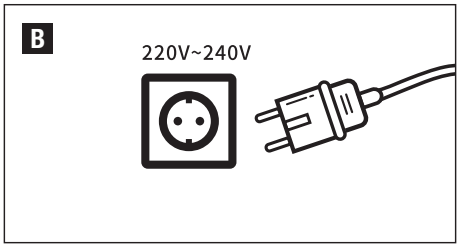
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INSTALLATION

Preparation before installation



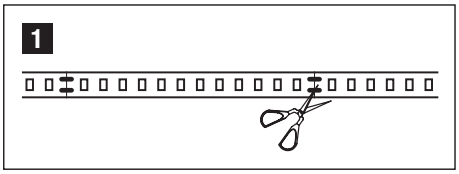
Bending angle: LED strip bends up to 70 degrees.



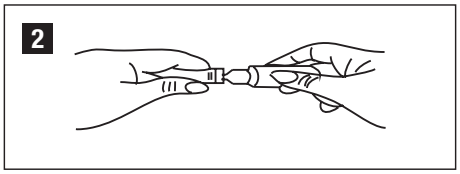
Connect To Power: Please be sure the input voltage is same with the LED strip rated voltage,avoiding damage to body and property caused by wrong voltage !
Be sure to cut off the power supply before connecting to the power outlet.

Installation

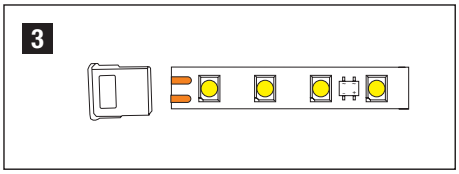
Warning: Before installation, be sure to cut off the power supply in case of electric shock.



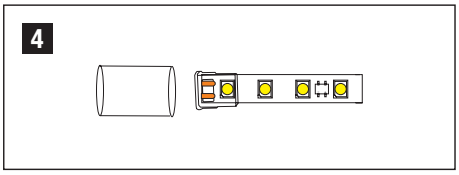
Cutting: If you need to cut the LED strip, cut strictly along the cutting mark, and complete reliable water-proof treatment afterwards.
Note: The minimum cutting length of LED strip is 12.5 cm.



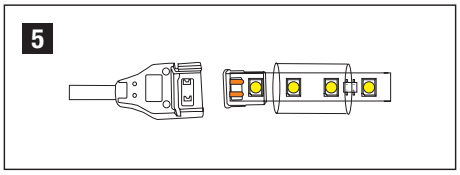
Gluing for Adhesive Core & LED strip: Fill silicone sealant evenly inside the adhesive-core cavity and at the solder pads of the LED strip.



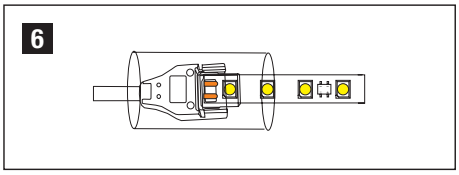
Adhesive core installation: Insert the LED strip into the adhesive core with the PC-drilled side on the back of the strip facing inward.



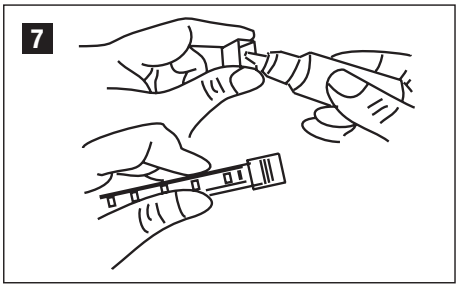
Heat shrinkable sleeve installation: Slide the heat-shrinkable sleeve over the LED strip.



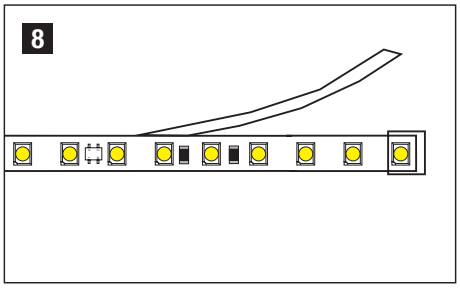
Connector Assembly: Mount the LED strip (pre-assembled with adhesive core) onto the connector base.



Casing Heat-Shrinking: Shift the heat-shrinkable sleeve to cover about 2 cm of the cable, then heat the sleeve evenly with a heat gun.



End-cap Installation: Inject sealant into the inner wall of the end cap, then fit the end cap onto the tail end of the LED strip.



Surface Mounting: Peel off the double-sided adhesive protective liner in sections. Stick the LED strip flat onto the mounting surface. Do not remove all release liner at one time, to avoid unintended self-adhesion of the strip.

Maintenance

- In order to use this product safely and efficiently, please clean and check it regularly (once every 6 months).
- Please clean the LED strip by soft cloth with neutraldetergent and then wipe it with dry soft cloth. Do not touch the surface of the LED strip with sharp objects.
- Do not use any acidic or basic detergents,such as organic solvents or pesticides or spray,except neutral detergents to clean it. Avoid the discoloration, deterioration, strength reduction or damage of the LED strip.

The Specifications of the product may be modified for improvehent without notice, and the actual delivered goods shall prevail. This user manual is subject to change without notice.

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