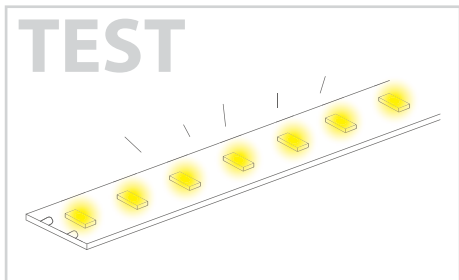


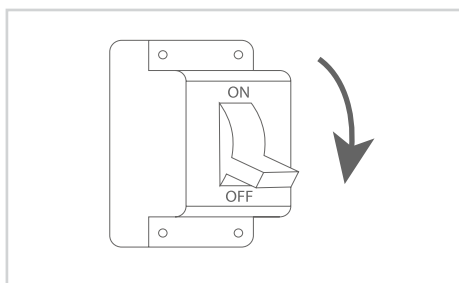
Low Voltage LED Strip Light Use Manual-Single Color

Before Installation

1. When purchasing low voltage LED strips, Please check all parts of the product are in well functional condition.

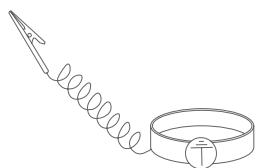


2. Before installation, always test the connection to ensure that the LED strip lights are operating correctly. If there is any issue with the LED strip lights before installation, please contact our customer services for returning and exchanging.



3. Always turn off the power at circuit breaker before any LED strip light installation.

4. Always make sure to have electrostatic ring or electrostatic gloves prepared for LED strip light installation.



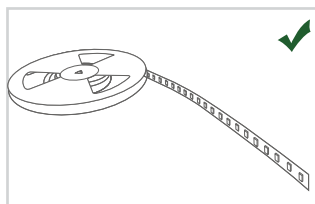
Electrostatic Ring



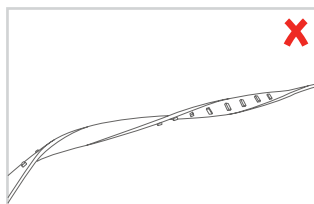
Electrostatic Gloves

5. Installation and connection of LED strips should be performed by a qualified professional, and follow all the safety regulations.

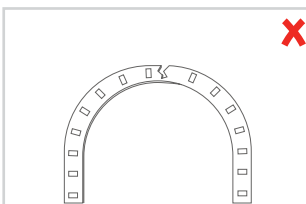
Handle Products with Care



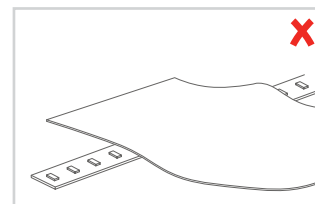
Unroll the LED strip light vertically.



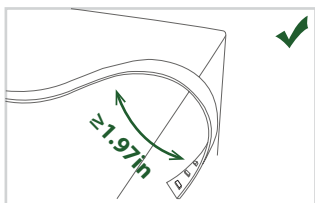
DO NOT twist the LED strip light during installation.



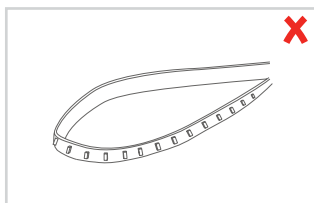
DO NOT bend the LED strip light horizontally.



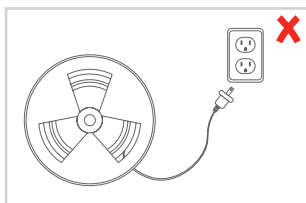
DO NOT cover the LED strip light with any material.



The bending radian must be wider than 1.97in.



DO NOT fold the LED strip light during installation.

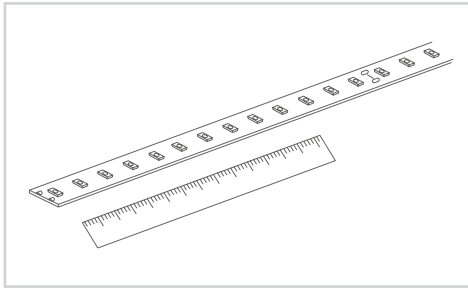


DO NOT plug in to power directly.

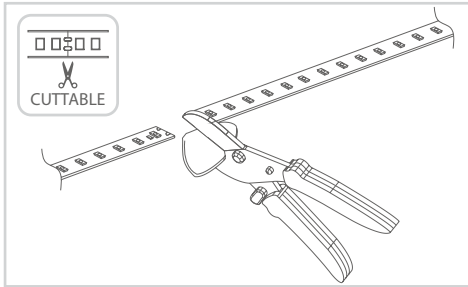


DO NOT power the strip light while its still coiled.

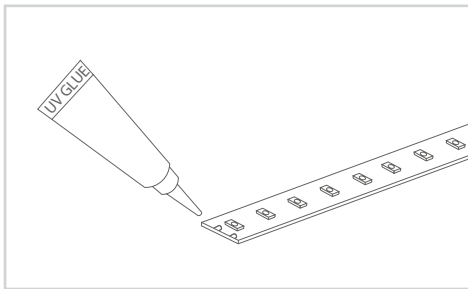
Installation Instructions



1. Before cutting the LED strips, always measure and calculate the length and check the splitting lines on the strip which shows you where to cut on the LED strip light.

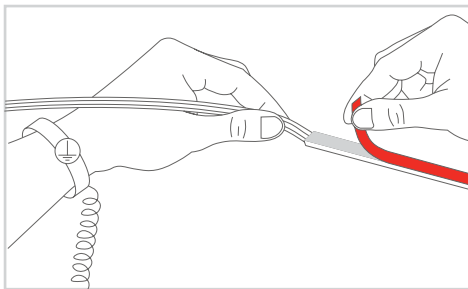


2. When cutting the LED strips, make sure to always cut into the splitting lines on the strip. The electrostatic ring is needed at this step.

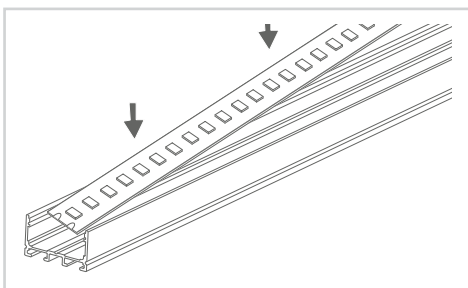


3. All ends of the section must be sealed with silicone sealant or silicone adhesive to prevent short circuits.

*Before Mounting, always test the connection to make sure the system is operating correctly.



4. Please ensure the installation surface remains clean, smooth and dry, free of sharp objects. When installing the LED strip, please wear the electrostatic ring. There is 3M adhesive tape on the back side. Users just need to remove the protective film.



5. For the best use and longer lifetime of low voltage LED strip lights, **aluminum profile** is strongly recommended to help dissipate the heat and keep it in shape. For compatible aluminum channels, please read the specification of each low voltage LED strip light. To install, gently press it down into the aluminum channel, and avoid excessive pressure on the LEDs and resistors.

Caution: There should be at least two people working together during the installation. Make sure to measure project required length before unroll the LED strip lights. DO NOT uncoil the whole reel of strip light without measuring.

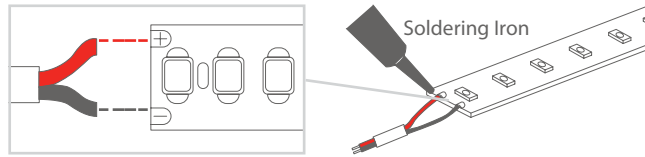
- LED strip light storage temperature: -40°F to 176°F
- LED strip light operating temperature: -13°F to 104°F
- LED strip light storage humidity: < 70%

Connecting Methods

Each of the LED strip lights comes with a 2ft lead wire. After cutting the desired length, one can always use the rest of the strip by connecting new lead wires to cutpoint. Soldering is a recommended method of connecting. We provide customized soldering services. We also sell connecting accessories, which connect LED strip lights without soldering.



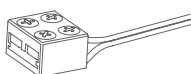
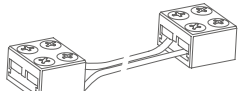
Connecting with Soldering

When soldering the low voltage LED strip lights, the temperature should be no more than 662°F and soldering time should be less than 5 seconds.

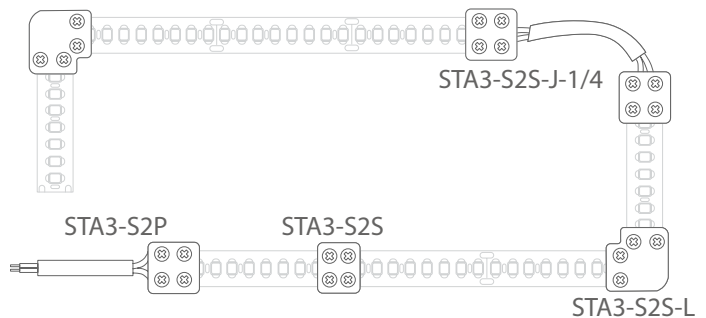


Connecting Accessories

STA3 Series provide an easier and more secure connection for low voltage LED strip lights.

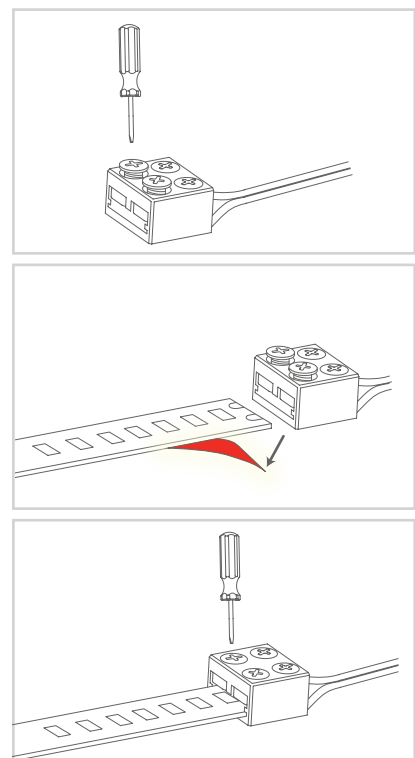
 <p>Strip to Strip Connector STA3-S2S</p>	 <p>Strip to Strip Corner Connector STA2-S2S-L</p>	 <p>Strip to Power Connector STA3-S2P</p>	 <p>Strip to Strip Jumper Connector STA3-S2S-J-1/4</p>
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- Solderless screw tight; Load up to 10A current.
- Suitable for 0.31in, 0.39in width LED strip light. (**Unsuitable** for SIDEBEND, GL-N4020xx-12-CV-120-LH72, and NARROW, GL-3528-120-xxxxK-12V-IP20-5MM, Series).
- All STA3 connectors are **Non-Waterproof**. Extra steps are needed when connecting waterproof strip lights.



Connection Instructions

1. Use a screwdriver to loose screws on the connector.
2. Peel off the 3M adhesive tape on the back side first, carefully insert the strip into connector, and make sure the metal parts on the strip are correctly aligned with the screw position.
3. Tighten the screws and check the polarity.

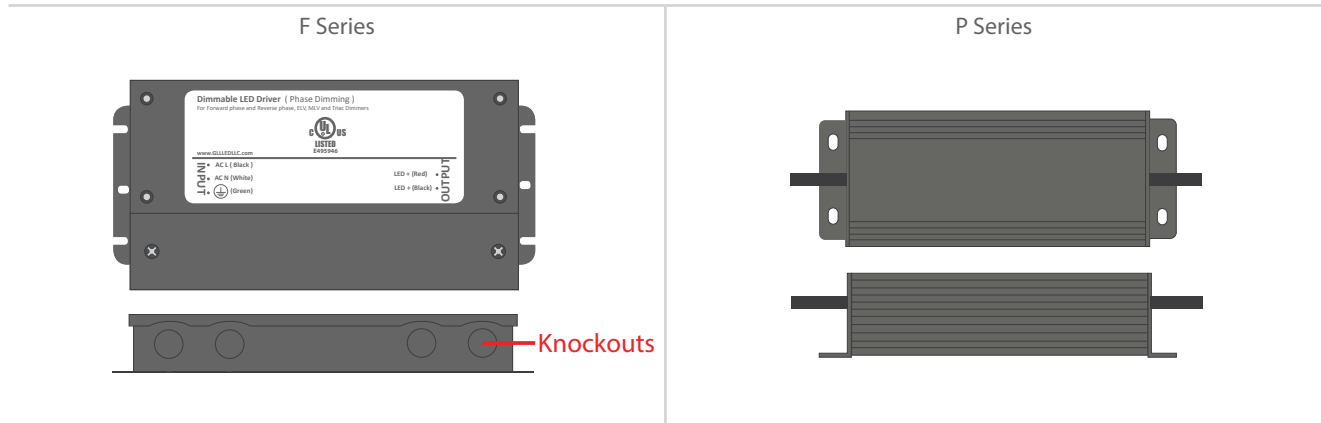


Compatible Transformers

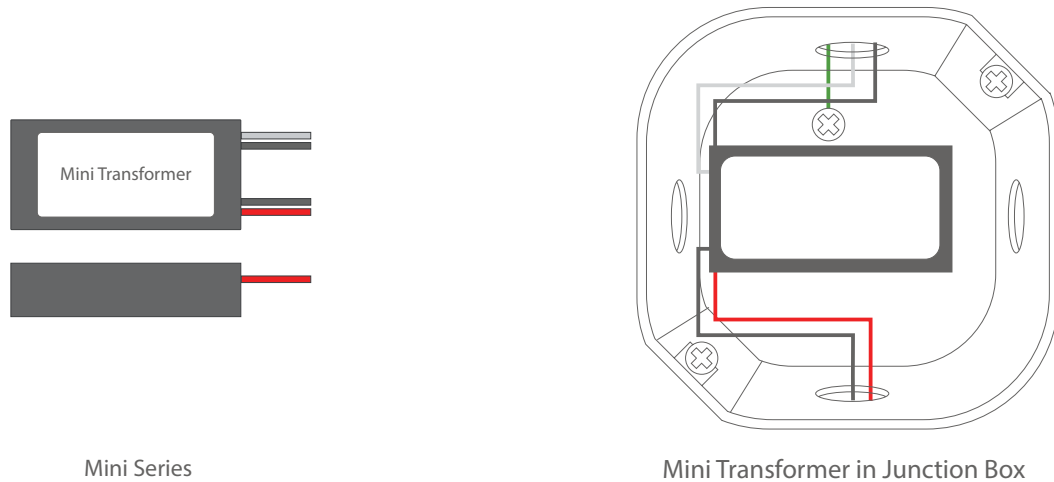
Transformers for single color LED low voltage strip lights can be compatible with LED Dimmable Transformer, LED Non-Dimmable Transformer, and LED Mini Transformer. Make sure to also install a compatible dimming control or switch to pair with the dimmable transformer.

Suggestions of supporting power supply: indoor dry location +25%; outdoor environment +50% (For details please check our website : <https://glledus.com/pages/videos>).

LED Dimmable Transformer - Triac dimming



LED Dimmable Transformer - ELV dimming



*This diagram is for references only. Please see LED Mini Transformer Specification for a more accurate diagram.

LED Non-Dimmable Transformer

