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IEKOV 110V Connector for Single Color

IEKOV Single Color High Voltage LED Light Strip Connection Cable User Manual

Model: 110V Connector for Single Color

1. Introduction

This manual provides instructions for the safe and proper installation and use of the IEKOV Single Color High Voltage LED Light Strip Connection Cable. This product is designed specifically for connecting IEKOV High Voltage Single Color LED light strips. Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: The IEKOV Single Color High Voltage LED Light Strip Connection Cable with included 2-pin connectors.

2. Product Contents

The package for the IEKOV Single Color High Voltage LED Light Strip Connection Cable includes the following items:

- 1x Connection Cable (approximately 30cm in length)
- 2x 2-pin connectors

Note: This connection cable is exclusively designed for IEKOV High Voltage Single Color LED Light Strips.



Image 2.1: Contents of the package, highlighting compatibility with IEKOV High Voltage Single Color LED Light Strips.



Image 2.2: Detailed view of a 2-pin connector, indicating its dimensions for single color LED strip compatibility.

3. Safety Information

- This product is intended for use with high voltage LED light strips. Exercise extreme caution during installation to avoid electrical shock.
- For outdoor applications, it is crucial to apply waterproof insulation tape between the LED light strip and the connector head. This prevents water or rain from entering the connection, which could lead to short circuits or electrical hazards.
- Ensure all connections are secure and properly insulated before powering on the LED light strip.
- Do not modify the cable or connectors. Use only as intended with compatible IEKOV LED light strips.
- Always disconnect power before making or breaking any connections.

4. Installation Instructions

Follow these steps to properly connect your IEKOV Single Color High Voltage LED Light Strip using the connection cable:

Step 1: Prepare the LED Strip

Cut the LED light strip at the designated cutting marks to your desired length. Ensure the cut is clean and precise. Only cut at the marked intervals.

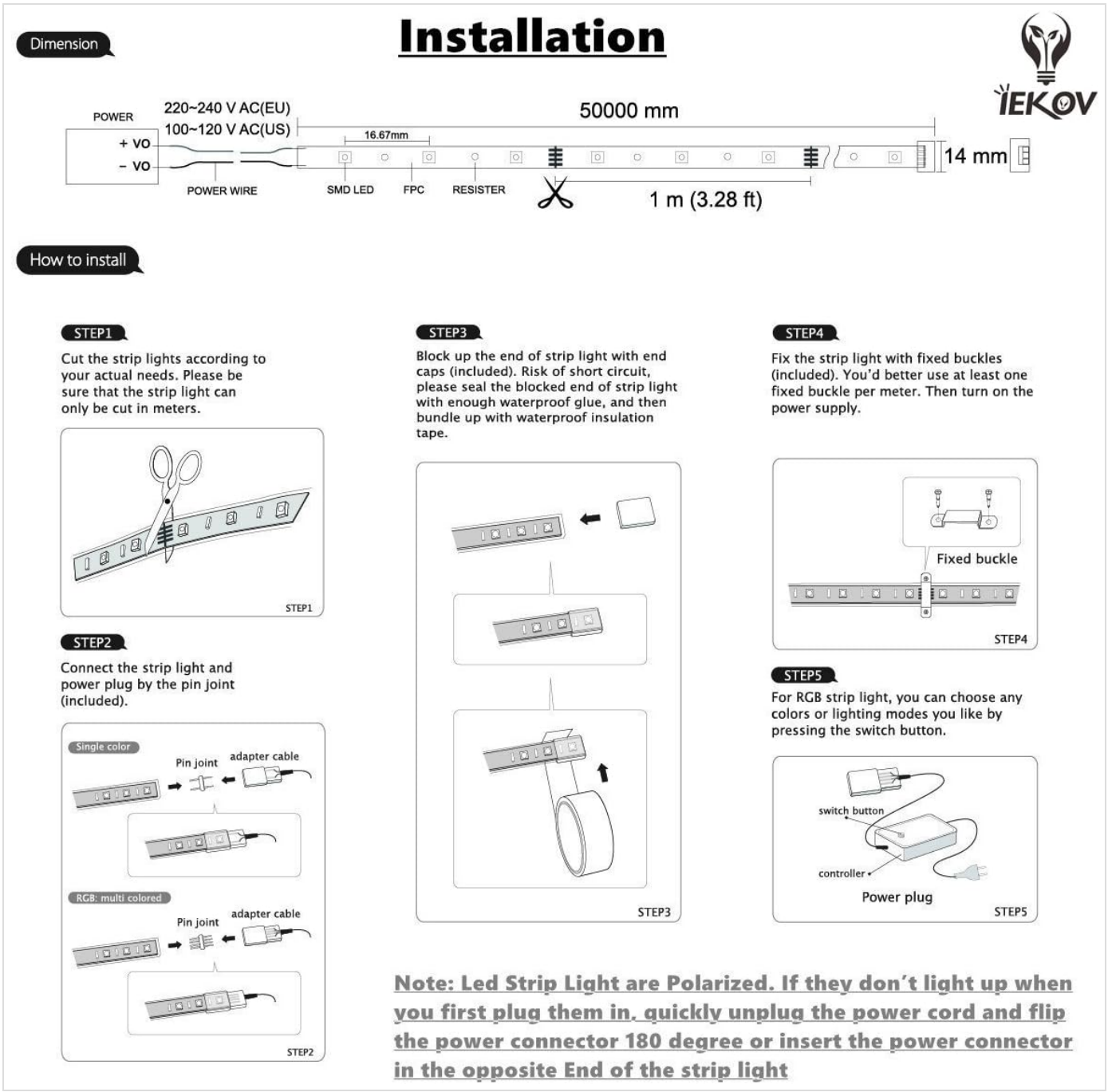


Image 4.1: Illustration of cutting the LED strip at designated marks.

Step 2: Connect the Pin Joint and Adapter Cable

Insert the 2-pin joint into the end of the single color LED strip, ensuring proper alignment with the internal conductors. Then, connect the adapter cable (connection cable) to the pin joint.

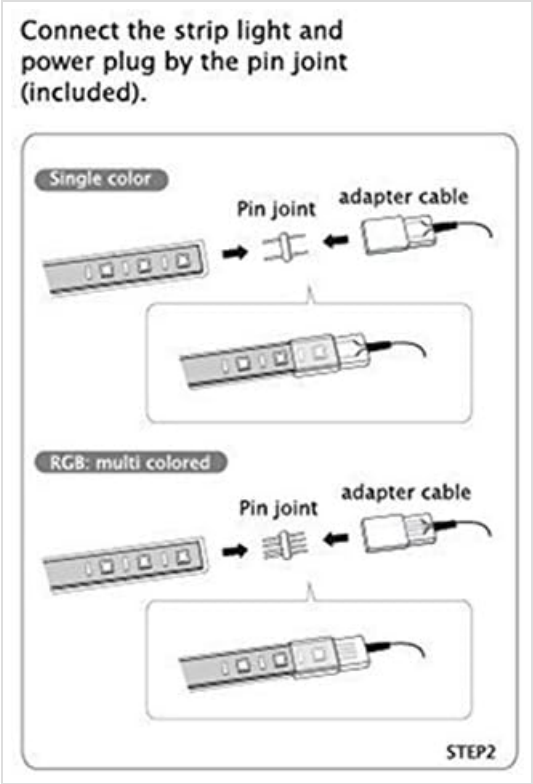


Image 4.2: Visual guide for connecting the pin joint to the LED strip and then to the adapter cable.

Important Note on Polarity: LED light strips are polarized. If the strip does not light up after connecting, quickly unplug the power cord and flip the power connector 180 degrees, then re-insert it into the opposite end of the strip. Test again.



Image 4.3: Detailed steps for aligning and inserting the connector into the LED strip.

Step 3: Seal the End of the Strip

Block the cut end of the LED strip with an end cap (if included with your LED strip, not this cable). To prevent short circuits and ensure waterproof integrity, apply sufficient waterproof glue to seal the blocked end of the strip. Then, bundle up the connection with waterproof insulation tape, especially for outdoor use.

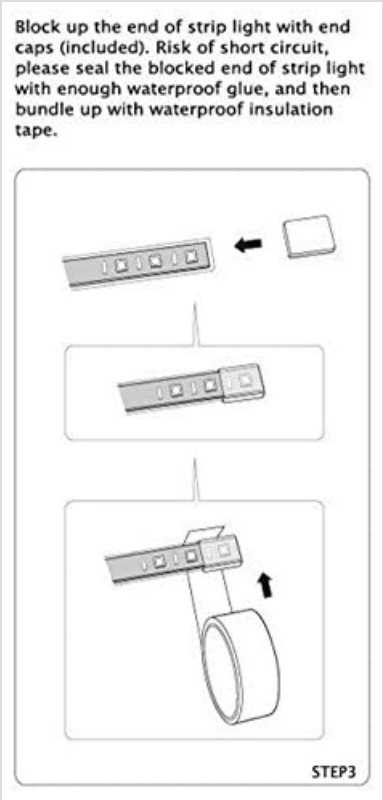


Image 4.4: Instructions for sealing the end of the LED strip with an end cap and waterproof tape.

Step 4: Secure the Strip (Optional)

If desired, fix the LED strip with fixed buckles (not included with this cable) to secure it in place. It is recommended to use at least one fixed buckle per meter for optimal stability. After securing, connect the adapter cable to the power supply.

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5. Operating Instructions

Once the IEKOV Single Color High Voltage LED Light Strip Connection Cable is securely installed and connected to a compatible IEKOV LED light strip and power supply, simply plug the power supply into a standard electrical outlet. The LED strip should illuminate. If it does not, refer to the Troubleshooting section.

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6. Maintenance

- Regularly inspect outdoor connections for any signs of wear, damage, or compromised waterproofing. Reapply waterproof insulation tape as needed.
- Keep the connection points clean and free from dust or debris.
- Avoid bending or twisting the cable excessively, as this can damage internal wiring.

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7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
LED strip does not light up.	◦ Incorrect polarity. ◦ Loose connection. ◦ No power to the outlet. ◦ Damaged LED strip or cable.	◦ Unplug and flip the connector 180 degrees, then re-insert. ◦ Ensure all pin joints and cable connections are secure. ◦ Check the power outlet with another device. ◦ Inspect the LED strip and cable for visible damage.
Flickering lights.	◦ Loose connection. ◦ Inconsistent power supply.	◦ Secure all connections. ◦ Ensure the power supply is stable and compatible.
Water ingress (for outdoor use).	◦ Inadequate waterproofing.	◦ Immediately disconnect power. Dry the area thoroughly. Reapply waterproof glue and insulation tape to all exposed connections.

8. Specifications

Feature	Detail
Brand	IEKOV
Model Number	110V Connector for Single Color
Compatibility	IEKOV Single Color High Voltage LED Light Strips
Special Feature	Waterproof (when properly sealed)
Indoor/Outdoor Usage	Outdoor (with proper waterproofing)
Item Dimensions (L x W x H)	9.84 x 0.39 x 0.71 inches (approximate for cable)
Item Weight	0.704 ounces
UPC	729680932226

9. Warranty and Support

For warranty information or technical support regarding your IEKOV Single Color High Voltage LED Light Strip Connection Cable, please refer to the product packaging or contact IEKOV customer service directly. Contact details can typically be found on the manufacturer's website or through your point of purchase.

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