

ABBA

LIGHTING USA

12V Landscape Light Specialist



RL100

INSTALLATION GUIDE

www.ABBALightingUSA.com

RATED VOLTAGE 12V AC/DC

Congratulations on your purchase of this high-quality product! We want to ensure that you have the best possible experience with it, so we kindly ask that you take a moment to carefully read and follow all instructions before assembly, installation, and use. By doing so, you'll not only guarantee correct function and safety, but also optimize the full potential of this exceptional product. Thank you for choosing us as your trusted provider of top-notch products - we truly appreciate your business!

IMPORTANT SAFETY INSTRUCTIONS

LIGHTEN LAMP IS **HOT!**

WARNING: TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS:

- ✔ To prevent any fire hazards, please ensure that the lamp is kept away from materials that may easily catch fire. We appreciate your cooperation in maintaining a safe and secure environment.
- ✔ For safety reasons, we recommend that only a qualified professional install this electrical product.
- ✔ Before attempting to install this unit, ensure all power connections are off for your own safety.

WARRANTY

- We stand behind the quality of our product and offer a 2 warranty. Kindly ensure that you keep the proof of purchase as it will be required for any warranty claims.
- Warranty will be void if there is any damage due to improper usage or modification to the fixture.
- Failure to comply with the instruction in this manual may increase the risk of damage or injury and will void warranty.

CAUTION:

Fixture(s) must be installed in accordance with all local codes and ordinances.
Do not instal within 10 feet of a pool, spa or fountain

INSTALLATION INSTRUCTION

1. Introduction:

Welcome to the Professional Guide for Installing Rope Lights. This manual is a comprehensive resource designed to assist you in the precise installation of rope lights, ensuring aesthetic enhancement and functional illumination for your chosen space.

2. Pre-Installation Preparation:

Equipment Gathering: Assemble the necessary tools, including rope lights, measuring tape, appropriate mounting hardware (clips, channels, or tracks), electrical connectors, and any required extension cords.

Safety Protocol: Prioritize personal safety by disconnecting power to the designated area and wearing suitable protective gear, including insulated gloves and safety glasses.

3. Installation Procedure:

3.1. Site Assessment and Planning:

Evaluate the Space: Identify the installation location and assess the area's dimensions, layout, and power access points.

Aesthetic Considerations: Determine the desired lighting effect and consider factors such as visibility angles and potential obstacles.

3.2. Measuring and Cutting Rope Lights:

Precision Measurements: Accurately measure the length of rope lights required for the installation path.

Cutting Technique: You can cut the rope light every **3 inches**. achieve clean and accurate cuts.

3.3. Mounting Options and Hardware Selection:

Select the appropriate mounting option based on the surface where the rope lights will be installed. Common choices include adhesive clips, mounting tracks, or channels.

3.4. Proper Installation of Rope Lights:

Starting Point: Begin installation from the desired starting location. Ensure access to a power source or extension cord.

Attachment: Securely attach mounting hardware at strategic intervals along the planned path.

Placing the Rope Lights: Gently press the rope lights into the mounted hardware, taking care not to kink or bend the lights excessively.

4. Testing, Final Adjustments, and Securing:

Functional Test: Place the end cap onto the end of the rope light. Then, fasten the opposite side of the rope lights to the provided 2 PIN connector that comes in the package.

Proceed to connect this junction to the power cord. In the case of utilizing a DC transformer, ensure its connection through an AC to DC converter. Conclude by plugging the power cord into the transformer.

Adjustments: Make any necessary adjustments to the rope lights position or alignment to achieve the desired lighting effect.

Securing the Lights: Once adjustments are complete, firmly secure the rope lights within the mounting hardware.

5. Maintenance and Safety Guidelines:

Routine Inspection: Regularly inspect the rope lights for signs of wear, damage, or exposed wires. Replace damaged sections promptly.

Cleaning: Maintain the appearance of your rope lights by gently wiping them with a damp cloth to remove dust and debris.

Prevent Bending Strain: Avoid sharp bends or kinks that could damage the internal wiring and affect the lights' performance.

