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LEONLITE A-25796

LEONLITE Low Voltage LED Landscape Bollard Pathway Light

Brand: LEONLITE | **Model:** A-25796

1. Introduction and Overview

This manual provides detailed instructions for the installation, operation, and maintenance of your LEONLITE Low Voltage LED Landscape Bollard Pathway Lights. Designed for outdoor use, these lights offer efficient and durable illumination for yards, gardens, driveways, and walkways.



Figure 1: LEONLITE Low Voltage LED Landscape Bollard Pathway Lights and an example of their application.

2. Product Features

- **Optimal Design:** Standing 11.18 inches tall, these lights provide a wide lighting range, preventing obstruction by foliage. Frosted glass lenses minimize glare for enhanced safety.

- **Durability:** Constructed with a die-cast aluminum housing and ground stakes, ensuring IP65 high waterproof rating and resistance to corrosion. Designed for a long lifespan of up to 50,000 hours.
- **Energy Efficiency:** Operates on 12-24V AC/DC low voltage, consuming only 5W while delivering 400 lumens of brightness.
- **Integrated LED:** Features an integrated LED design, eliminating the need for bulb replacements.
- **Safety:** Equipped with a UL listed power cord for safety assurance.

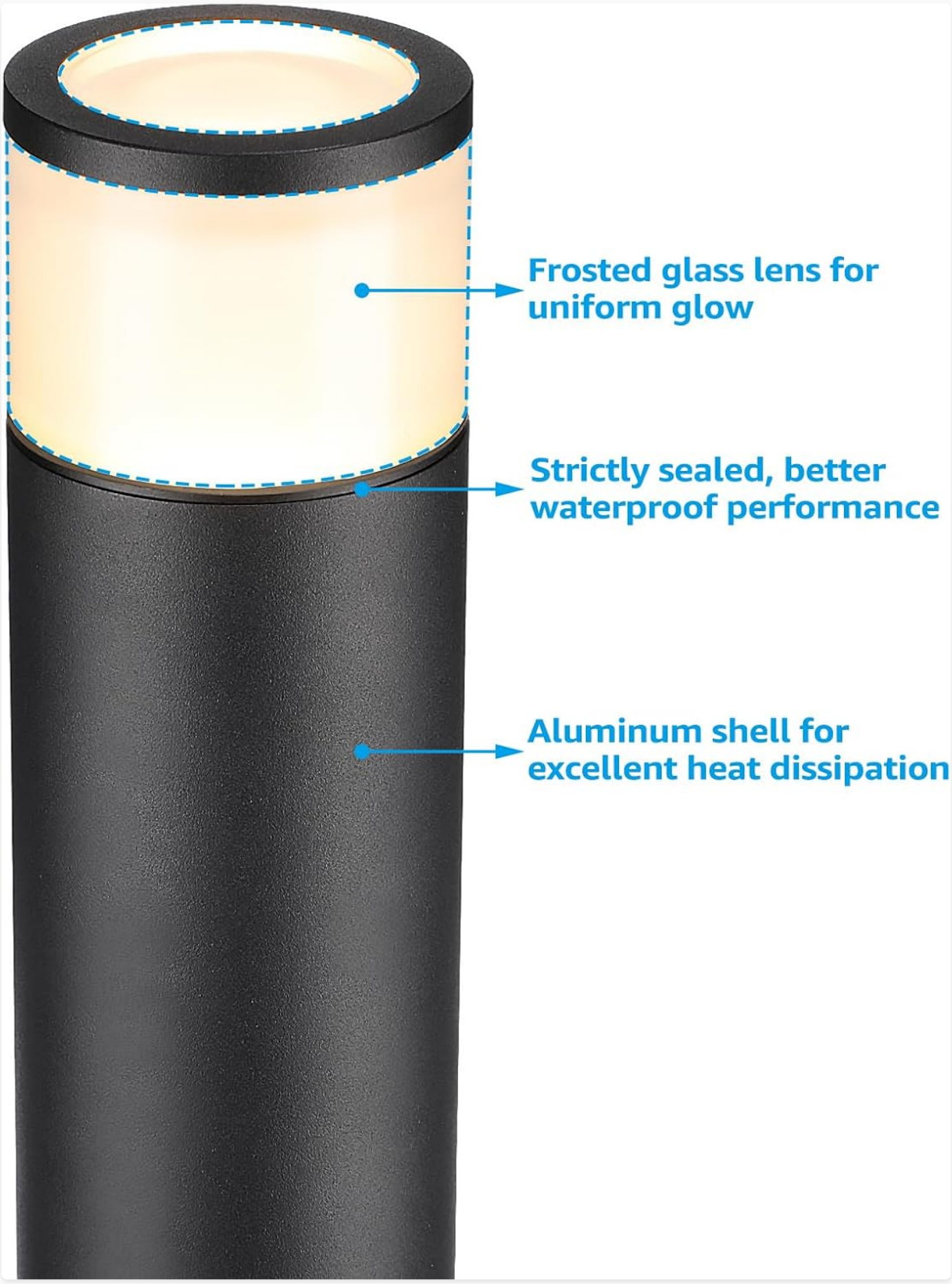


Figure 2: Key design elements of the pathway light, highlighting the frosted glass lens, sealed construction, and aluminum housing.

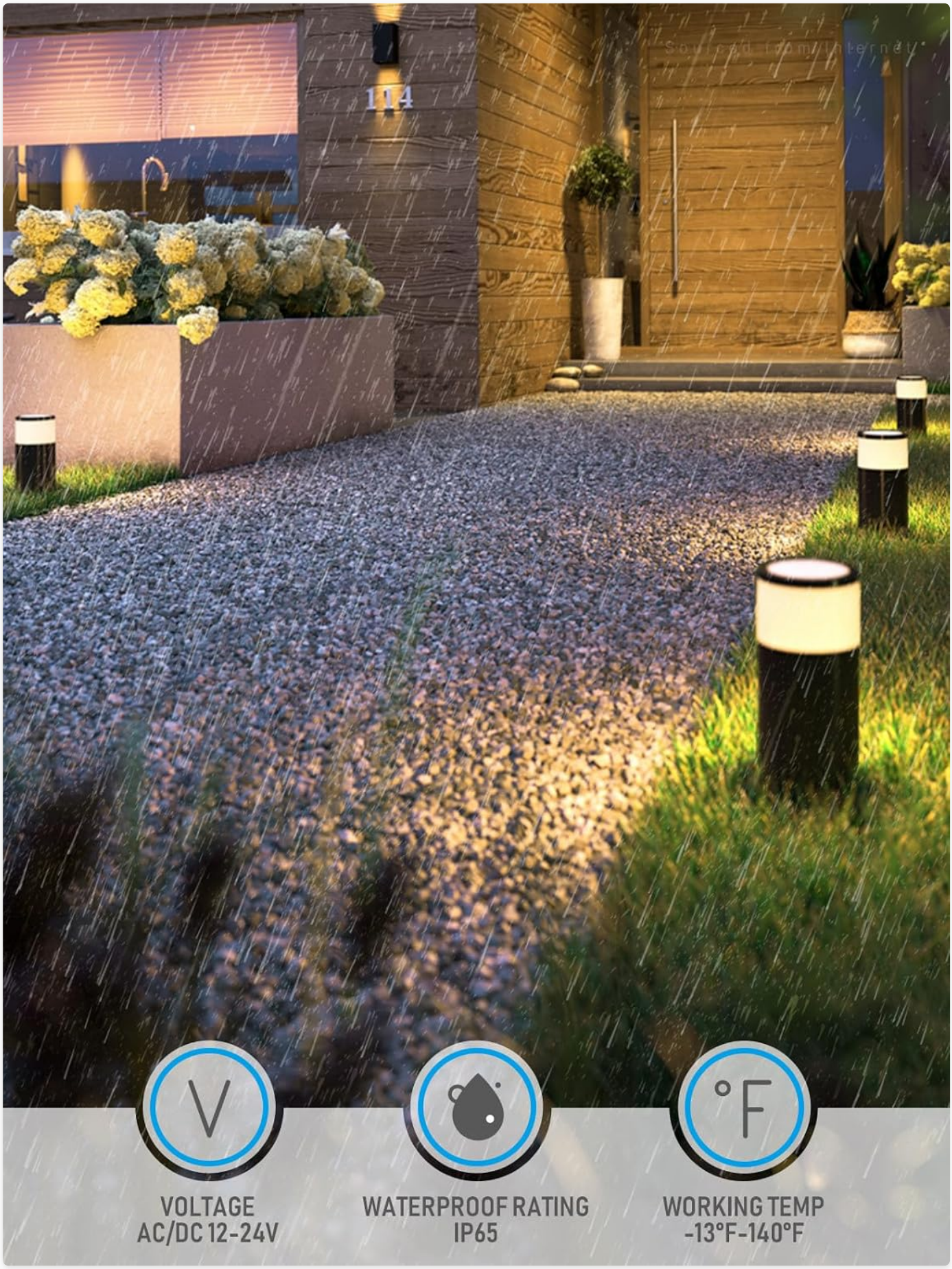


Figure 3: The light's durability and weather resistance, suitable for wet locations.

Video 1: An overview of the LEONLITE 12V LED Landscape Pathway Lights, showcasing their features and application.

3. Package Contents

The package includes the following items:

- LEONLITE Low Voltage LED Landscape Bollard Pathway Lights (Pack of 4)
- Low voltage power source
- Cable (ASIN B07JBCTWHF)
- Waterproof connectors (ASIN B086PXZ9BK)
- 3-year warranty information

4. Setup and Installation

Follow these steps for proper installation of your pathway lights:

1. **Plan Layout:** Determine the desired locations for each pathway light. Ensure adequate spacing for optimal illumination. The recommended installation distance between lights is approximately 8.2 feet.
2. **Prepare Wiring:** Connect the lights to a low voltage power source (transformer) and run the low voltage cable. Ensure all connections are secure and waterproof using the provided connectors.
3. **Install Lights:** Insert the ground stakes into the bottom of each light. Firmly push the lights into the ground at your desired locations.
4. **Connect to Power:** Connect the low voltage cable to your existing low voltage landscape lighting system or a new low voltage transformer. Ensure the transformer is rated for 12-24V AC/DC.
5. **Test:** Once all connections are made, turn on the power to test the lights.

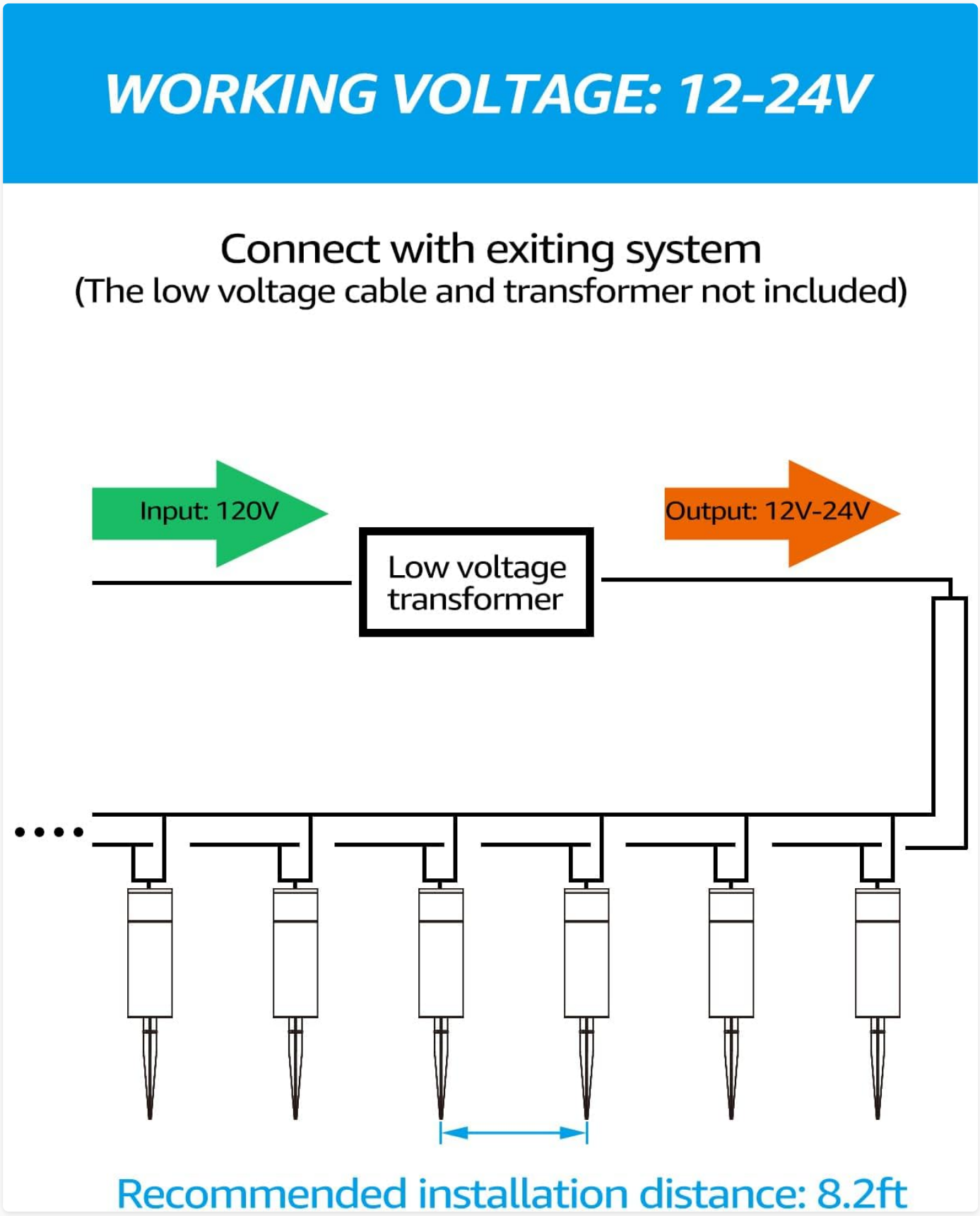


Figure 4: Schematic diagram for connecting the pathway lights to a low voltage system.



Figure 5: Product dimensions and UL listing details.

5. Operating Instructions

The LEONLITE Low Voltage LED Landscape Bollard Pathway Lights are designed for simple operation. Once properly installed and connected to a compatible 12-24V AC/DC low voltage power source, the lights will illuminate when power is supplied to the circuit. Operation is typically controlled by the landscape lighting transformer or an external timer/switch connected to the system.

- Ensure the power source is active for the lights to turn on.
- For automated operation, utilize a compatible landscape lighting timer.

6. Maintenance

These LED pathway lights require minimal maintenance due to their durable construction and integrated LED design.

- **Cleaning:** Periodically wipe the frosted glass lens and aluminum housing with a soft, damp cloth to remove dirt, dust, or debris. Avoid using abrasive cleaners that could scratch the surface.
- **Connection Check:** Annually inspect all electrical connections for tightness and ensure waterproof connectors are intact to prevent moisture ingress.
- **Position Adjustment:** If lights shift due to ground movement or weather, gently reposition them to maintain desired illumination angles.

7. Troubleshooting

If your pathway lights are not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the circuit, loose connections, faulty transformer, or damaged cable.	Check power supply to the transformer. Verify all cable connections are secure. Test the transformer output voltage. Inspect the cable for any damage.
Lights are dim or flickering.	Insufficient power, voltage drop due to long cable runs, or loose connections.	Ensure the transformer is adequately sized for the total wattage of lights. Shorten cable runs or use thicker gauge wire if necessary. Re-check all connections.
Water inside the light fixture.	Improperly sealed connections or damaged housing.	Ensure waterproof connectors are correctly installed and sealed. Inspect the light housing for cracks or damage. Contact support if damage is found.

8. Specifications

Attribute	Value
Brand	LEONLITE
Model Name	A-25796
Color Temperature	3000K Warm White
Material	Aluminum Housing, Glass Shade
Product Dimensions	3.54"L x 3.54"W x 11.18"H

Attribute	Value
Item Weight	8.29 Pounds (for pack of 4)
Power Source	AC/DC
Voltage	12-24 Volts
Wattage	5 watts per light
Brightness	400 Lumens per light
Water Resistance Level	IP65 Waterproof
Average Life	50,000 Hours
Installation Type	Floor Mount
Special Features	UL listed power cord, Soft & glare-free lighting, Excellent heat dissipation

9. Warranty and Support

LEONLITE provides a **3-year warranty** for these Low Voltage LED Landscape Bollard Pathway Lights, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or assistance with installation, please contact LEONLITE customer service through the retailer's platform or visit the official LEONLITE website for contact information.

Thank you for choosing LEONLITE products. We are committed to providing high-quality lighting solutions.

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