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LEONLITE 94423

LEONLITE 7 Inch LED Hardscape Lighting Instruction Manual

Model: 94423

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LEONLITE 7 Inch LED Hardscape Lighting. This low-voltage lighting solution is designed for outdoor use, enhancing the aesthetics and safety of various landscape features.

The lights are powered by 12-24V AC/DC and feature selectable wattage settings (3W, 4W, 5W) to adjust brightness. They are constructed from durable aluminum with an IP65 waterproof rating, suitable for diverse outdoor environments.

2. SAFETY INFORMATION

- Ensure power is disconnected before installation or maintenance.
- This product operates on low voltage (12-24V AC/DC). Do not connect directly to high voltage power.
- Consult a qualified electrician if you are unsure about wiring or installation procedures.
- Do not attempt to modify the product. Any modifications may void the warranty and pose safety risks.
- Keep children away from the installation area.

3. PACKAGE CONTENTS

The LEONLITE 7 Inch LED Hardscape Lighting package includes the following components:

- 8 x LED Hardscape Lights (7 Inch)
- Mounting Plates (detachable)
- Surface Mount Clamps
- Screws and Anchors
- Waterproof Wire Nuts

An extra low voltage transformer is required but not included. Other accessories not included in the package need to be purchased separately.



Figure 1: LEONLITE 7 Inch LED Hardscape Lights (8-Pack)



Figure 2: Product Dimensions and Included Accessories

4. SETUP AND INSTALLATION

The LEONLITE hardscape lights offer versatile installation options to suit various outdoor structures.

4.1 Installation Methods

These lights support both recessed and surface mount installations.

- **Recessed Mounting:** Ideal for new construction or when integrating lights between retaining wall blocks or under capstones. The detachable mounting plate is designed to be placed between blocks during construction.
- **Surface Mounting:** For existing structures like wooden deck steps or finished hardscapes, the light can be surface mounted using the provided clamps. This method reduces installation effort and avoids damage to existing walls or steps.

Effortlessly Replace the Clamp for Different Installation Methods

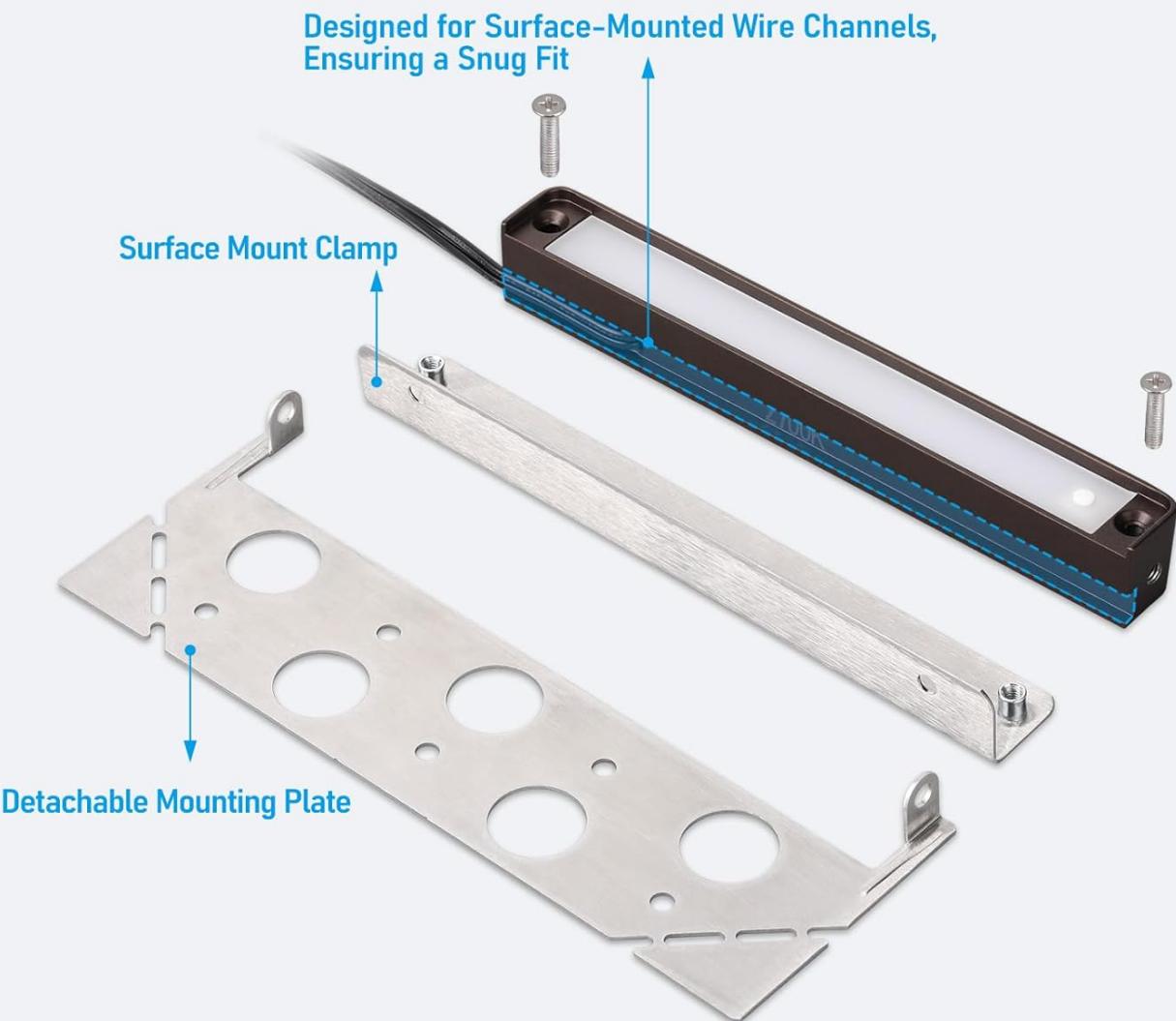
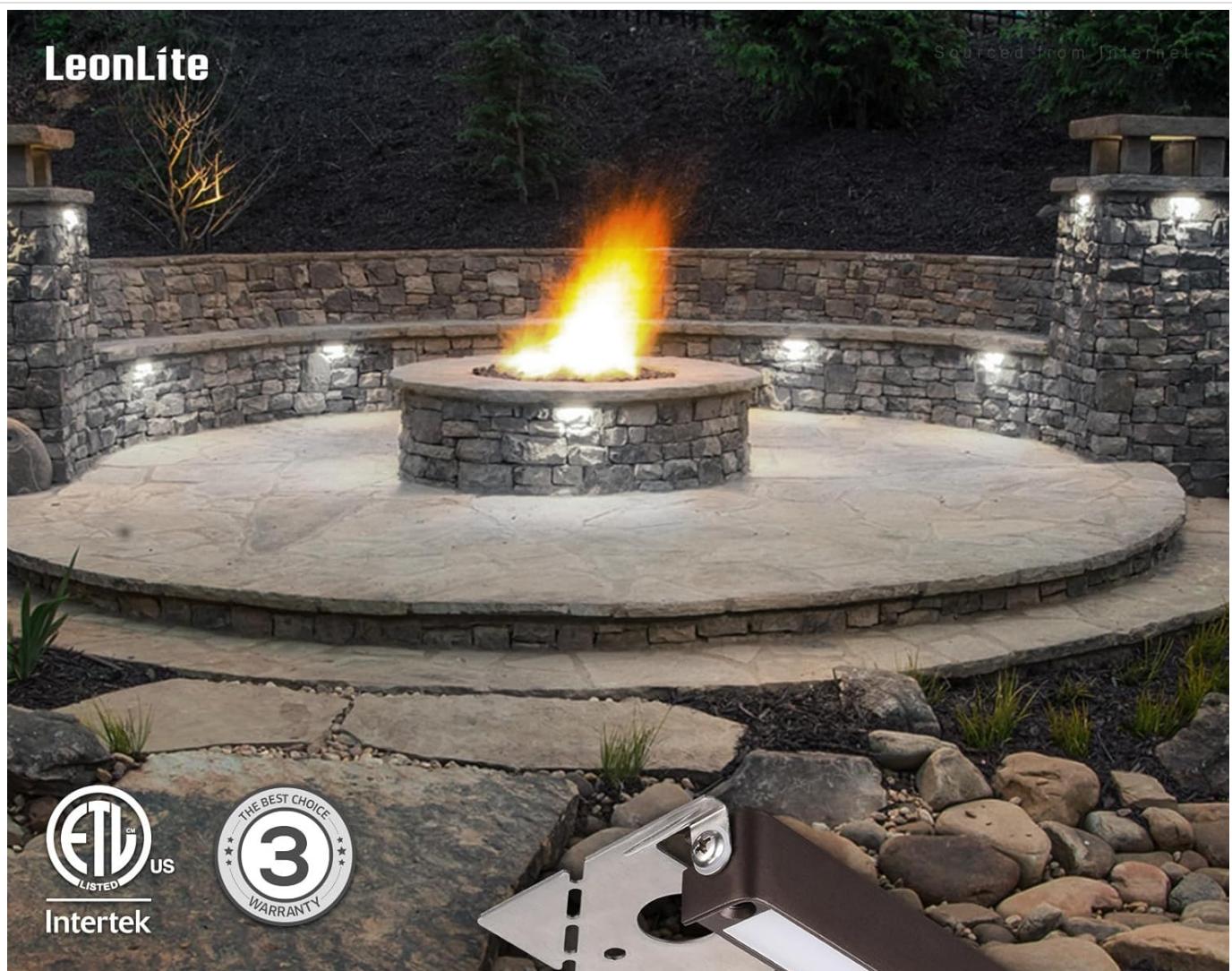


Figure 3: Surface and Recessed Mounting Options



 **12V-24V
AC/DC**  **30,000
hours**

Figure 4: Detachable Mounting Plate and Surface Mount Clamp

4.2 Wiring

Connect the low voltage wires from the hardscape lights to a compatible 12-24V AC/DC landscape lighting transformer (not included). Use the provided waterproof wire nuts for secure and weather-resistant connections.

Wiring can be done in various configurations:

- **Daisy Chain:** Fixtures connected in series.
- **T-Method:** Transformer connects to a fixture in the middle.
- **Hub Method:** Each fixture connects to a central hub.

Single or Combination Use

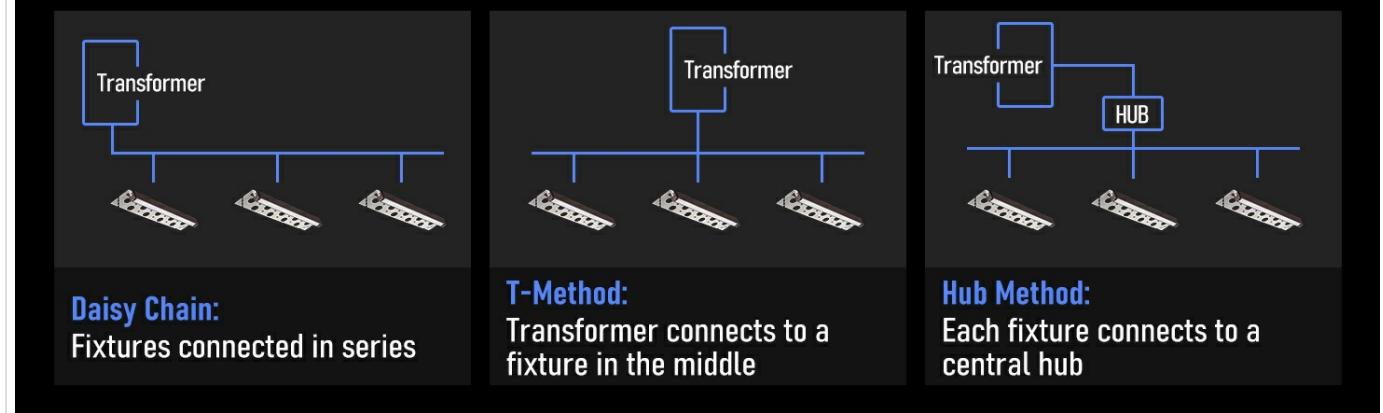


Figure 5: Wiring Configurations

Ensure the transformer's wattage capacity is sufficient for the total wattage of all connected lights. Each fixture has a maximum wattage of 5W (selectable). For example, if using 8 lights at 5W each, a transformer with a minimum rating of 40 watts (at least 80% of the transformer's capacity for the load) is recommended.

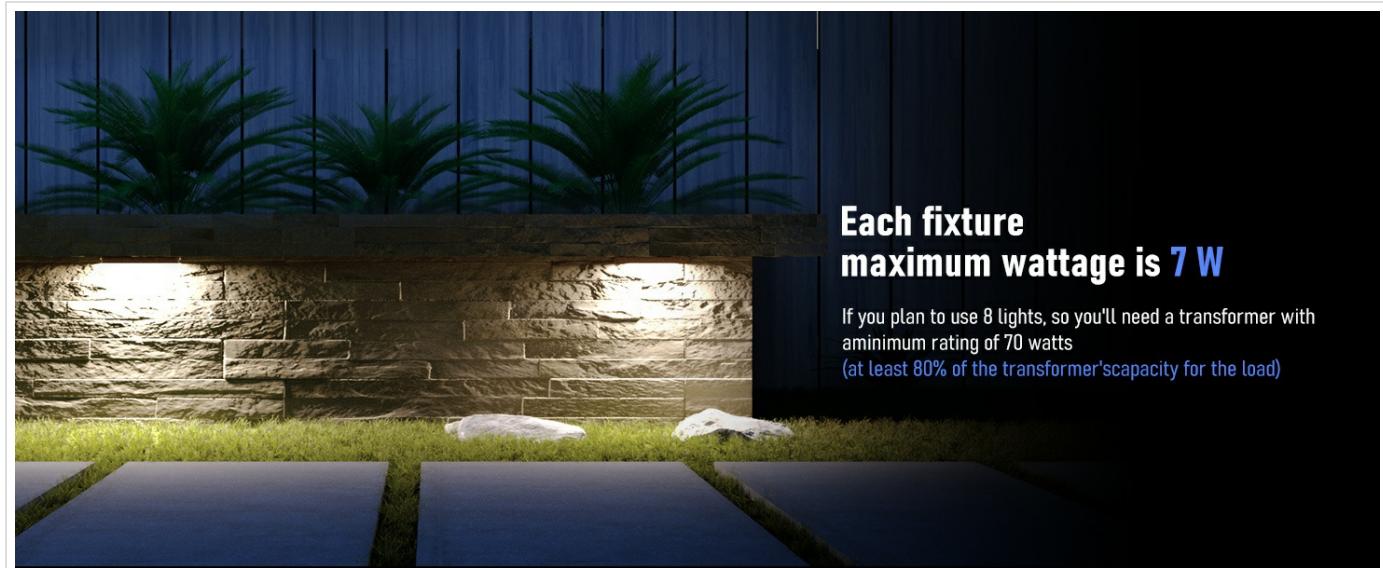


Figure 6: Transformer Wattage Guidance

4.3 Wattage Selection

The lights feature a 3-wattage selectable switch (3W, 4W, 5W) to customize brightness. This switch is accessible during installation, allowing you to set the desired light output for your specific application.

SUPPORT SURFACE & RECESSED MOUNT TWO INSTALLATIONS



Figure 7: 3 Wattage Selectable Settings

Your browser does not support the video tag.

Video 1: Demonstration of LEONLITE 7 Inch 3W/4W/5W Dimmable LED Hardscape Light features and applications.

5. OPERATING INSTRUCTIONS

Once installed and connected to a compatible low-voltage transformer, the lights will operate according to the transformer's settings (e.g., timer, photocell). The selected wattage setting will determine the brightness output.

The light fixture is designed to be 180-degree rotatable for non-surface mounting, allowing for adjustable light direction to highlight specific areas.

Package Included



- *An extra low voltage transformer is needed but excluded.
- *All LEONLITE landscape lighting accessories are 100% compatible with LEONLITE landscape light fixtures.
- *Other accessories not included in the package need to be purchased separately.

Figure 8: Rotatable Feature for Light Direction Adjustment

6. MAINTENANCE

These LED hardscape lights are designed for minimal maintenance due to their durable construction and long lifespan.

- Cleaning:** Periodically wipe the light fixtures with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners that could damage the finish or lens.
- Connection Check:** Annually inspect wiring connections for any signs of wear or corrosion. Ensure waterproof wire nuts are securely in place.
- Durability:** The lights feature an IP65 waterproof rating and a working temperature range of -4°F to 104°F, making them suitable for various outdoor conditions.

ROTATABLE & GLARE-FREE



Figure 9: Outdoor Durability Features

7. TROUBLESHOOTING

- **Light not turning on:** Check the power supply to the transformer. Verify all wiring connections are secure and correct. Ensure the wattage selection switch is set.
- **Dim or flickering light:** Inspect for loose connections or insufficient power from the transformer. Ensure the transformer's capacity is not exceeded.
- **Lifespan:** The LED hardscape lights have a long lifespan of 30,000 hours. If a light fails prematurely, refer to the warranty information.

8. SPECIFICATIONS

Feature	Specification
Brand	LEONLITE

Model Name	70578
Part Number	94423
Size	7 Inch
Color Temperature	5000K Daylight
Wattage	3W/4W/5W Selectable
Brightness	Up to 260 Lumens (at 5W)
Voltage	12-24V AC/DC
Material	Aluminum
Water Resistance Level	IP65 Waterproof
Color Rendering Index (CRI)	90+
Average Life	30,000 Hours
Special Features	180 Degree Rotatable (For Non-surface Mounting), Durable, Corrosion-resistant, UL Listed Cord

9. WARRANTY AND SUPPORT

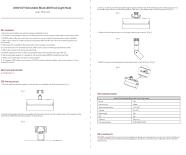
LEONLITE LED Hardscape Lights come with a 3-year warranty, ensuring quality and reliable performance. For technical assistance, troubleshooting, or warranty claims, please contact LEONLITE customer support through their official channels.

Visit the [LEONLITE Store](#) for more information and product accessories.

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Related Documents - 94423

	<p>LeonLite LED Motion Security Light User Manual</p> <p>User manual for the LeonLite LED Motion Security Light, covering installation, operation, and warranty information. Includes safety warnings and product specifications.</p>
	<p>LeonLite 5W Waterproof Deck Light User Manual Installation, Specifications, and Troubleshooting</p> <p>User manual for the LeonLite 5W Waterproof Deck Light, providing detailed installation instructions, package contents, technical specifications, troubleshooting guide, and warranty information. Essential for proper setup and maintenance of your outdoor lighting.</p>
	<p>LeonLite LITEdge LED Wall Light User Manual - Installation and Specifications</p> <p>Comprehensive user manual for the LeonLite LITEdge LED Wall Light, including installation guides, safety instructions, troubleshooting, specifications, and warranty information.</p>

	<p>24W CCT Selectable Black LED Track Light Head User Manual LEONLITE</p> <p>Detailed user manual for the LEONLITE 24W CCT Selectable Black LED Track Light Head, covering installation, specifications, and warranty information.</p>
	<p>LeonLite LITEdge 4-Light Smart Ceiling Fixture User Manual and Quick Start Guide</p> <p>Comprehensive guide for the LeonLite LITEdge 4-Light Smart Ceiling Fixture, covering features, installation, app pairing, troubleshooting, and frequently asked questions. Learn how to set up and use your smart lighting solution.</p>
	<p>LeonLite 5W AC/DC 12V Low Voltage LED Landscape Light - Directional Outdoor Lighting</p> <p>Explore the LeonLite 5W AC/DC 12V LED Landscape Light, designed for durable outdoor illumination. Features corrosion-resistant aluminum housing, IP65 waterproof rating, adjustable lamp head, and a 5-year warranty.</p>