

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

> [LEONLITE](#) /

> [LEONLITE 7 Inch LED Hardscape Lighting Instruction Manual, Model ZY4HSL-1W7IN27-4P](#)

## LEONLITE ZY4HSL-1W7IN27-4P

# LEONLITE 7 Inch LED Hardscape Lighting Instruction Manual

Model: ZY4HSL-1W7IN27-4P

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LEONLITE 7 Inch LED Hardscape Lights. Designed for outdoor use, these low-voltage lights offer versatile illumination for various landscape features. Please read this manual thoroughly before installation and retain it for future reference.

## 2. SAFETY INFORMATION

- **Electrical Safety:** This product operates on 12-24V AC/DC low voltage. A compatible low voltage transformer (not included) is required. Do not connect directly to 120V AC power.
- **Qualified Personnel:** Installation should be performed by a qualified electrician or a knowledgeable individual familiar with low-voltage landscape lighting systems.
- **Waterproof Rating:** The lights are IP65 rated for outdoor wet locations. Ensure all connections are properly sealed to maintain waterproof integrity.
- **Operating Temperature:** Designed to operate within -4°F to 104°F (-20°C to 40°C).
- **Damage:** Do not operate if the product or wiring is damaged. Contact customer support for assistance.

## 3. PACKAGE CONTENTS

Each package contains the following items:

- LED Hardscape Light (4 units)
- Stainless Steel Mounting Plate (4 units)
- Detachable Aluminum Light Bar (4 units)
- Mounting Screws and Anchors
- Waterproof Wire Connectors

## 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 3.1: Package contents for the LEONLITE 7 Inch LED Hardscape Lights. An external low voltage transformer is required and sold separately.

## 4. PRODUCT SPECIFICATIONS

<b>Brand</b>	LEONLITE
<b>Model Number</b>	ZY4HSL-1W7IN27-4P
<b>Dimensions</b>	7.48"L x 2.87"W x 0.9"H
<b>Power Source</b>	12-24V AC/DC Low Voltage
<b>Wattage</b>	3W/4W/5W Selectable
<b>Color Temperature</b>	2700K Soft White
<b>Material</b>	Aluminum (Fixture), Stainless Steel (Mounting Plate)
<b>Waterproof Rating</b>	IP65
<b>CRI</b>	>90
<b>Lifespan</b>	30,000 hours



Figure 4.1: Product dimensions and components.

## 5. SETUP & INSTALLATION

Before beginning installation, ensure the power to the low-voltage transformer is turned off. An external 12-24V AC/DC low voltage transformer is required and not included with this product.

### 5.1. Wiring Connections

Connect the wires from the hardscape lights to your low-voltage landscape wiring using the provided waterproof wire connectors. Ensure a secure and watertight connection for optimal performance and safety.

### 5.2. Wattage Selection

These lights feature a selectable wattage setting (3W, 4W, 5W) to adjust brightness. This selection is typically made during installation. Refer to the product for the specific switch or mechanism to change the wattage.

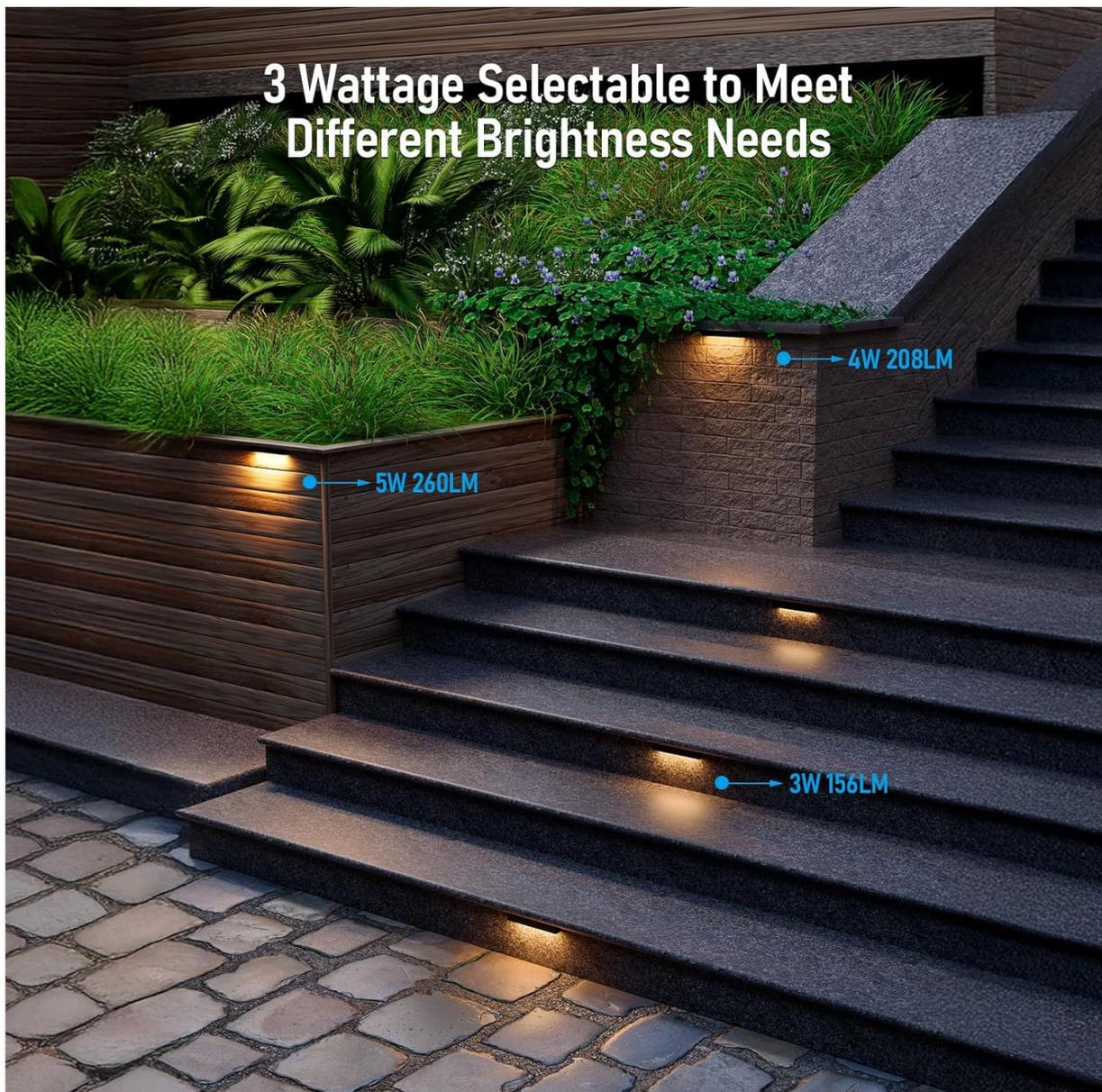


Figure 5.1: Example of different wattage settings and their corresponding brightness.

### 5.3. Mounting Options

The lights offer two primary installation methods:

- **Recessed Mounting:** For new construction or when installing under capstones of retaining walls. The light fixture is secured using the stainless steel mounting plate, which is then integrated into the wall structure.
- **Surface Mounting:** For existing structures, including wooden deck steps or finished hardscapes. The detachable aluminum light bar allows for surface mounting without damaging the existing wall or step.

## SUPPORT SURFACE & RECESSED MOUNT TWO INSTALLATIONS



Figure 5.2: Surface and Recessed Mounting options.

## Effortlessly Replace the Clamp for Different Installation Methods

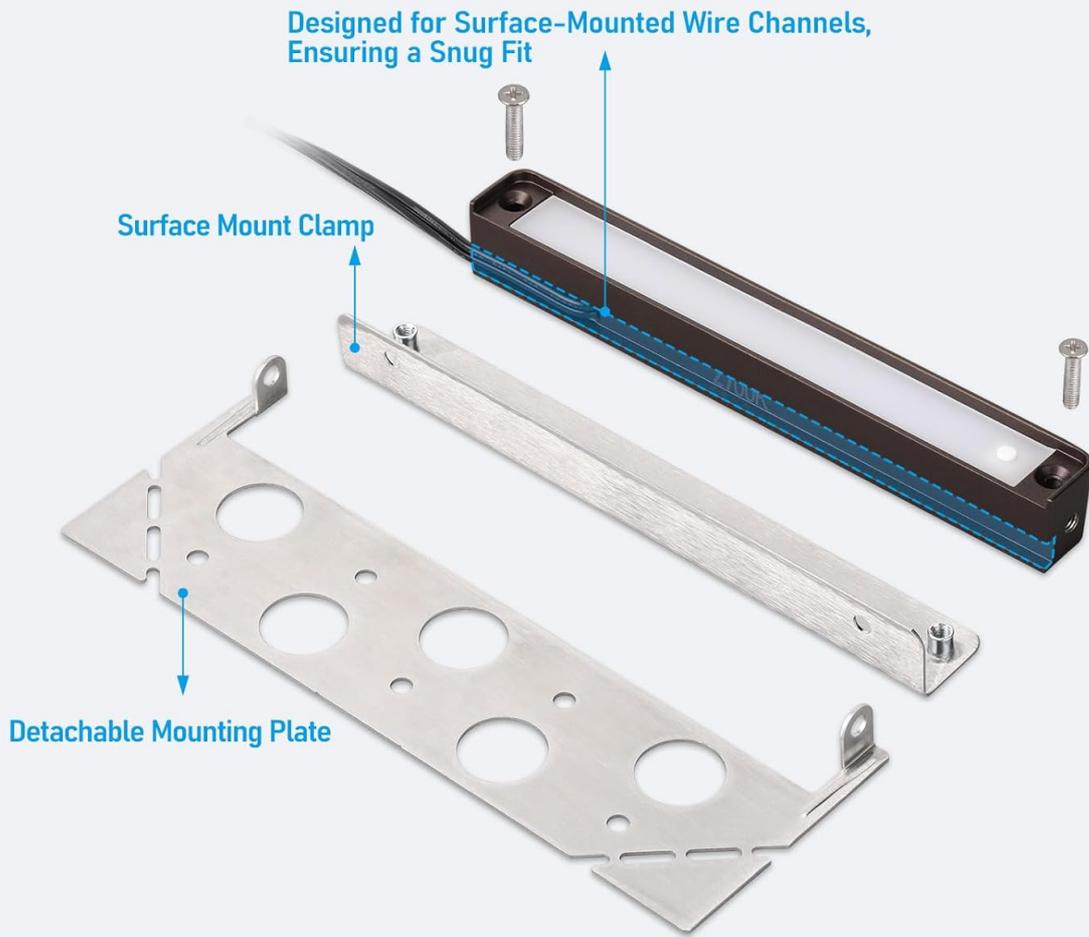


Figure 5.3: Detachable components for flexible installation.

### 5.4. Rotatable Feature

The light fixture can be rotated up to 180 degrees (for non-surface mounting) to direct the light beam as desired, providing flexible illumination. This feature helps in achieving a glare-free lighting effect.

## ROTATABLE & GLARE-FREE



Figure 5.4: Rotatable design for glare-free lighting.

### 5.5. Installation Video Guide

For a visual guide on the installation process, please refer to the official product video below:

Your browser does not support the video tag.

Video 5.1: Official installation guide for LEONLITE 7 Inch 3W/4W/5W Dimmable LED Hardscape Light. This video demonstrates the features and installation steps for the hardscape lights.

## 6. OPERATING INSTRUCTIONS

Once properly installed and connected to a compatible low-voltage transformer, the lights will operate according to the transformer's settings (e.g., timer, photocell). These lights are dimmable when used with a compatible low-voltage dimmer (not included).

- **Power On/Off:** Controlled by the connected low-voltage transformer or main power switch.
- **Brightness Adjustment:** Adjust the wattage setting (3W/4W/5W) on each light during installation to achieve desired brightness. For continuous dimming, use a compatible low-voltage dimmer.

## 7. MAINTENANCE

- **Cleaning:** Periodically clean the light fixtures with a soft, damp cloth to remove dirt and debris. Avoid abrasive

cleaners that may damage the finish.

- **Connection Check:** Annually inspect all wiring connections for tightness and signs of corrosion. Ensure waterproof connectors remain sealed.
- **Damage Inspection:** Regularly check for any physical damage to the fixtures or wiring. Replace damaged components immediately to prevent electrical hazards.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the transformer, loose wiring connection, faulty light fixture.	Check transformer power supply. Inspect all wiring connections for tightness. Test the light with a known working power source.
Light is dim or flickers.	Incorrect wattage setting, insufficient power from transformer, loose connection, incompatible dimmer.	Verify wattage setting. Ensure transformer capacity meets load requirements. Check all connections. Use a compatible low-voltage dimmer.
Water inside fixture.	Improperly sealed connections, damaged housing.	Ensure all wire connections are properly sealed with waterproof connectors. Inspect fixture for cracks or damage. Replace if necessary.

## 9. WARRANTY & SUPPORT

LEONLITE LED Hardscape Lights come with a **3-year warranty** from the date of purchase, covering defects in materials and workmanship. This warranty ensures quality and reliable performance.

For technical support, warranty claims, or any questions regarding your product, please contact LEONLITE customer service. Please have your model number (ZY4HSL-1W7IN27-4P) and proof of purchase available when contacting support.

**Contact Information:** Refer to the product packaging or the official LEONLITE website for the most current contact details.

## Related Documents - ZY4HSL-1W7IN27-4P

	<p><a href="#">LeonLite LED Motion Security Light User Manual</a></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><a href="#">LeonLite 5W Waterproof Deck Light User Manual   Installation, Specifications, and Troubleshooting</a></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><a href="#">LeonLite LITEdge LED Wall Light User Manual - Installation and Specifications</a></p> <p>Comprehensive user manual for the LeonLite LITEdge LED Wall Light, including installation guides, safety instructions, troubleshooting, specifications, and warranty information.</p>

	<p><a href="#">24W CCT Selectable Black LED Track Light Head User Manual   LEONLITE</a></p> <p>Detailed user manual for the LEONLITE 24W CCT Selectable Black LED Track Light Head, covering installation, specifications, and warranty information.</p>
	<p><a href="#">LeonLite LITEdge 4-Light Smart Ceiling Fixture User Manual and Quick Start Guide</a></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><a href="#">LeonLite 5W AC/DC 12V Low Voltage LED Landscape Light - Directional Outdoor Lighting</a></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>