

## LIDER LS15-3WL

# LIDER Decorator Switch with Lighted Paddle Instruction Manual

MODEL: LS15-3WL

### 1. Introduction

Thank you for choosing the LIDER Decorator Switch with Lighted Paddle. This manual provides detailed instructions for the safe installation, operation, and maintenance of your new switch. Please read this manual thoroughly before installation and retain it for future reference.

### 2. Safety Information

**WARNING: RISK OF ELECTRIC SHOCK. Improper installation can result in serious injury or death. Always turn off power at the circuit breaker or fuse box before wiring. Consult a qualified electrician if you are unsure about any part of the installation process.**

- This device is intended for installation in accordance with the National Electrical Code and local regulations.
- Ensure the power is OFF at the circuit breaker before installation or servicing.
- This switch is UL Listed, ensuring compliance with safety standards.
- Rated for 15A, 120-277VAC. Do not exceed these ratings.
- The product material has a flammability UL94, V2 rating, providing protection against high temperatures.
- Use only copper conductors.

### 3. Product Overview

The LIDER Decorator Switch features a modern matte finish and an illuminated paddle for enhanced visibility in low-light conditions. It is designed for both 1-Pole (single location) and 3-Way (two location) applications.



Image 3.1: Front view of the LIDER Decorator Switch with Lighted Paddle.

#### Key Features:

- **Illuminated Paddle:** The top half of the paddle glows with a warm 2700K LED light when the connected load is OFF, making it easy to locate in the dark.
- **Matte Finish:** Provides a modern and sophisticated aesthetic.
- **Versatile Application:** Suitable for 1-Pole or 3-Way wiring configurations.
- **Durable Construction:** Made from Polycarbonate Thermoplastic for longevity and resistance to heat and fading.
- **Compatibility:** Designed to fit standard junction boxes and compatible with a wide range of decorator-style wall plates. For optimal fit and color match, LIDER wall plates are recommended (sold separately).

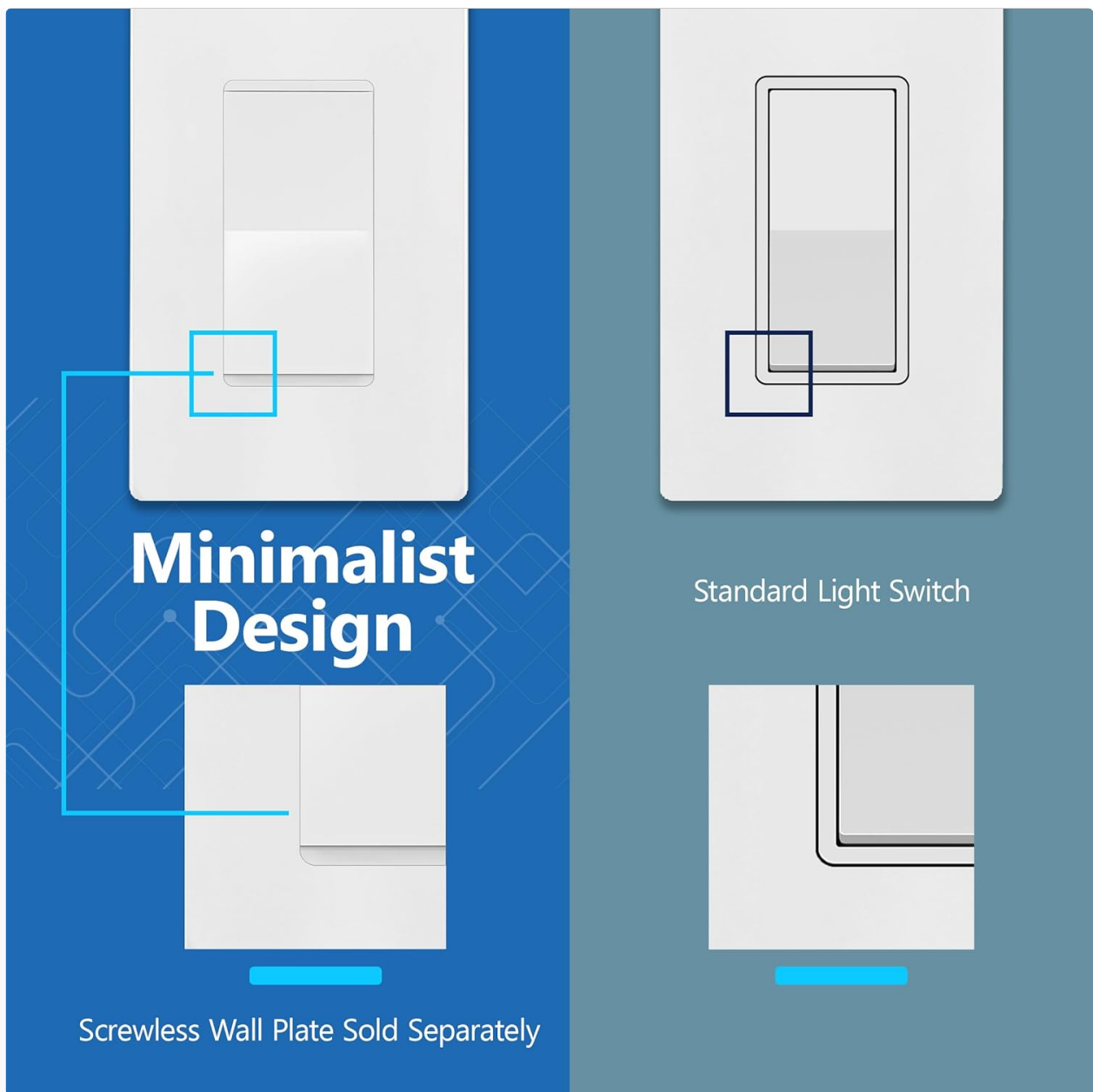


Image 3.2: Comparison of the LIDER switch's minimalist design with a standard light switch. Note: Screwless wall plate sold separately.

#### 4. Installation Instructions

Before beginning, ensure you have the necessary tools: screwdriver, wire strippers, electrical tape, and voltage tester.

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the switch you are replacing or the circuit where you are installing the new switch. Turn it OFF. Verify power is off using a voltage tester.
2. **Remove Old Switch (if applicable):** Unscrew and carefully pull the old switch from the wall box. Disconnect the wires, noting their connections.
3. **Prepare Wires:** Strip approximately 1/2 inch (12.7 mm) of insulation from each wire end if necessary.
4. **Wiring Connections:** The LIDER Decorator Switch features clamp-type back insert wiring for quick connections (copper only) and screw terminals. Refer to the diagrams below for typical wiring configurations.

- **Ground Wire:** Connect the bare copper or green insulated ground wire from the wall box to the green grounding screw on the switch.
- **1-Pole Wiring:** Connect the incoming hot wire (usually black) to one of the brass screw terminals or push-in terminals. Connect the outgoing load wire (to the light fixture, usually black) to the other brass screw terminal or push-in terminal.
- **3-Way Wiring:** This configuration requires two 3-way switches. Connect the common wire (from the power source or to the light fixture) to the darker colored screw terminal (often black or marked 'COMMON'). Connect the two traveler wires (usually red or black) to the two lighter colored screw terminals or push-in terminals. Ensure consistent connections between both 3-way switches.



Image 4.1: Detailed view of the wiring terminals on the LIDER switch, showing screw and push-in options.

5. **Secure Switch:** Carefully push the wired switch back into the wall box. Secure it with the mounting screws provided.
6. **Install Wall Plate:** Attach the decorator-style wall plate (sold separately) over the switch.
7. **Restore Power:** Turn the power back ON at the circuit breaker.
8. **Test Operation:** Test the switch to ensure proper functionality.

## 5. Operating Instructions

The LIDER Decorator Switch operates like a standard rocker switch, with an added illumination feature.

- **Turning ON/OFF:** Press the top of the paddle to turn the connected light (load) ON. Press the bottom of the paddle to turn the connected light (load) OFF.
- **Illumination Feature:** When the connected light (load) is OFF, the top half of the switch paddle will emit a soft, warm 2700K LED light. This indicator light helps you easily locate the switch in a dark room or hallway. When the connected light (load) is ON, the indicator light on the paddle will turn OFF.



Image 5.1: The LIDER switch paddle illuminates when the connected light fixture is OFF.

## Easy to Locate In the Dark

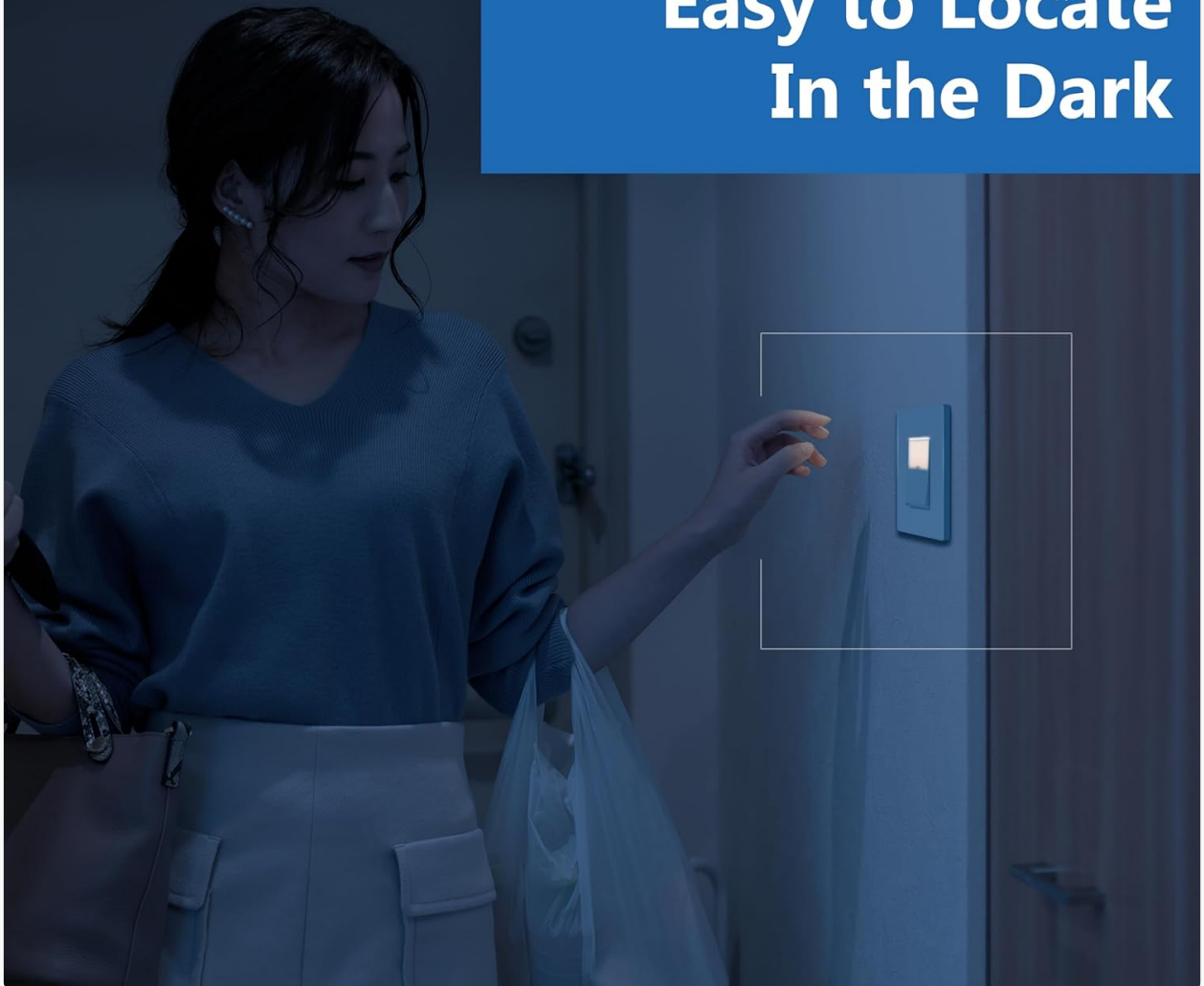


Image 5.2: The illuminated paddle makes the switch easy to locate in dark environments.

## 6. Maintenance

The LIDER Decorator Switch is designed for minimal maintenance.

- **Cleaning:** To clean the switch, ensure power is off at the circuit breaker. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the matte finish.
- **Durability:** The switch is constructed from Polycarbonate Thermoplastic, offering excellent durability and resistance to discoloration and fading over time.

## 7. Troubleshooting

If you encounter issues with your LIDER Decorator Switch, refer to the following common problems and solutions:

- **Light Fixture Does Not Turn ON/OFF:**

- Check the circuit breaker to ensure power is ON.
- Verify all wire connections are secure and correctly wired according to the 1-Pole or 3-Way diagram.
- Ensure the light bulb in the fixture is functional.

- **Paddle Indicator Light Does Not Illuminate When Load is OFF:**

- Confirm the main light fixture is indeed OFF.
- Check wiring connections, especially the load and line wires, to ensure proper current flow for the indicator.
- If the issue persists after verifying connections, the switch may be faulty. Contact LIDER customer support for assistance.

- **Switch Feels Loose:**

- Ensure the mounting screws securing the switch to the wall box are tightened.

## 8. Specifications

Feature	Specification
Model Number	LS15-3WL
Operation Mode	Manual
Operating Voltage	120-277 Volts (AC)
Current Rating	15 Amperes
Circuit Type	1-Way (Single Pole) or 3-Way
Actuator Type	Push Button (Rocker)
Contact Material	Copper
Number of Positions	2 (ON/OFF)
Dimensions (W x H x D)	1.40" x 2.76" x 1.07" (approx.)
Certifications	UL Listed
Material	Polycarbonate Thermoplastic

## 9. Warranty and Support

LIDER provides a **1-year warranty** for this decorator switch, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact LIDER customer service. Refer to the LIDER website or product packaging for the most current contact information.

