

Leviton 8678

Leviton 1500W Mogul Base Porcelain Incandescent Lampholder

MODEL 8678 USER MANUAL

Brand: Leviton

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of the Leviton 1500W Mogul Base Porcelain Incandescent Lampholder, Model 8678. Please read these instructions thoroughly before proceeding with installation or use. Retain this manual for future reference.

2. Product Overview

The Leviton Model 8678 is a durable porcelain lampholder designed for incandescent lamps with a mogul base. It is rated for up to 1500W and 600V, suitable for various lighting applications. The robust porcelain construction ensures high heat resistance and longevity.



Figure 1: Front view of the Leviton 8678 Mogul Base Porcelain Incandescent Lampholder.

Key Features:

- Porcelain construction for high heat resistance.
- Mogul lamp base compatibility.
- Rated for 1500W and 600V.
- Includes 1/4 inch cap and liner for installation.

3. Safety Information

WARNING: Risk of electric shock or fire. Improper installation or use can lead to serious injury or death.

- Always disconnect power at the circuit breaker or fuse box before installing, servicing, or replacing any electrical component.
- Installation should be performed by a qualified electrician or a person with thorough knowledge of electrical wiring and building codes.
- Ensure the lampholder's voltage and wattage ratings are compatible with your electrical system and the bulb being used. Do not exceed 1500W or 600V.
- Use only with mogul base incandescent bulbs.
- Do not operate the lampholder if it is damaged.
- Keep away from flammable materials.

4. Installation

Follow these steps carefully for proper installation.

4.1 Pre-Installation Checks

1. Verify that the power supply to the installation area is OFF at the main circuit breaker or fuse panel.
2. Confirm that the electrical box or fixture where the lampholder will be installed is properly grounded and suitable for the lampholder's weight and dimensions.
3. Ensure you have all necessary tools: screwdriver, wire strippers, electrical tape, and mounting hardware (if not included with fixture).

4.2 Wiring Instructions



Figure 2: Top view of the lampholder showing the mounting cap and screw terminals.

1. Carefully separate the lampholder body from its mounting cap. The 1/4 inch cap and liner are typically supplied loose in the packaging.
2. Strip approximately 1/2 inch of insulation from the ends of the supply wires (hot, neutral, and

ground).

3. Connect the hot (usually black) wire to the brass screw terminal.
4. Connect the neutral (usually white) wire to the silver screw terminal.
5. Connect the ground (usually green or bare copper) wire to the green ground screw terminal on the mounting cap or fixture, if applicable. Ensure all connections are tight and secure.
6. Ensure no bare wire strands are exposed outside the terminals.



Figure 3: Exploded view showing the lampholder body, mounting cap, and included hardware.

4.3 Mounting

1. Once wiring is complete, carefully reassemble the lampholder body onto the mounting cap, ensuring wires are not pinched.
2. Mount the assembled lampholder to the electrical box or fixture using appropriate screws and hardware. Ensure it is securely fastened.
3. Double-check all connections and mounting security before restoring power.

5. Operating Instructions

After successful installation and power restoration:

1. Ensure the power is ON at the circuit breaker.
2. Carefully screw a mogul base incandescent bulb into the lampholder until it is snug. Do not overtighten.
3. The lamp should illuminate. If not, refer to the Troubleshooting section.

6. Maintenance

6.1 Cleaning

To clean the lampholder, ensure power is disconnected. Wipe the exterior with a dry, soft cloth. Do not use abrasive cleaners or solvents.

6.2 Bulb Replacement

Always disconnect power before replacing a bulb. Allow the old bulb to cool completely before removal. Screw in the new mogul base incandescent bulb firmly but gently.

7. Troubleshooting

Problem	Possible Cause	Solution
Lamp does not light	No power to fixture Loose wiring connection Defective bulb	Check circuit breaker/fuse Verify all wire connections (with power off) Replace bulb
Lamp flickers	Loose bulb Loose wiring connection	Tighten bulb Verify all wire connections (with power off)

8. Specifications

- **Brand:** Leviton
- **Model Number:** 8678
- **Body Material:** Porcelain
- **Lamp Wattage:** 1500W (Maximum)
- **Voltage Rating:** 600V (Maximum)
- **Lamp Base Type:** Mogul
- **Bulb Type:** Incandescent
- **Included Components:** Lampholder, 1/4 inch cap, liner
- **Item Weight:** Approximately 8.2 ounces

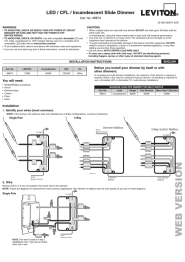
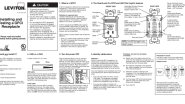
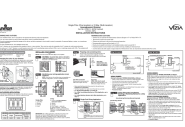
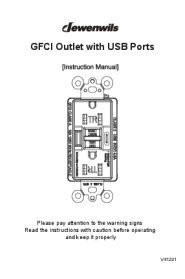
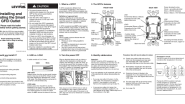
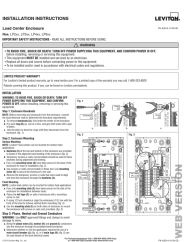
9. Warranty and Support

For warranty information or technical support regarding your Leviton 8678 Lampholder, please refer to the official Leviton website or contact Leviton customer service directly. Keep your purchase receipt for warranty claims.

Leviton Contact Information:

- Visit the official Leviton website: www.leviton.com
- Refer to product packaging for specific customer service contact details.

Related Documents - 8678

	<p>Leviton 06674 LED/CFL/Incandescent Slide Dimmer Installation Guide</p> <p>Comprehensive installation instructions and programming guide for the Leviton 06674 Slide Dimmer, compatible with LED, CFL, and incandescent bulbs. Includes wiring diagrams, troubleshooting tips, and FCC compliance information.</p>
	<p>Leviton GFCI Receptacle Installation and Testing Guide</p> <p>A comprehensive guide on how to install and test a Leviton SmartLock Pro GFCI Receptacle, including wiring instructions, safety precautions, and troubleshooting tips.</p>
	<p>Leviton VIZIØ6-1L Incandescent Dimmer Installation Instructions</p> <p>Comprehensive installation guide for the Leviton VIZIØ6-1L Incandescent Dimmer, covering single-pole and 3-way multi-location setups, wiring diagrams, operation, advanced programming, troubleshooting, and warranty information.</p>
	<p>Leviton GFCI Outlet with USB Ports Installation and Operation Manual</p> <p>Comprehensive guide for installing and operating Leviton GFCI Outlets with USB Ports, including wiring instructions, safety warnings, testing procedures, and warranty information.</p>
	<p>Installing and Testing Leviton Smart GFCI Outlet: A Comprehensive Guide</p> <p>Step-by-step instructions for installing and testing Leviton Smart GFCI outlets (models D2GF1, D2GF2). Learn about GFCI functionality, wiring, troubleshooting, and safety precautions.</p>
	<p>Leviton Load Center Enclosure Installation Instructions</p> <p>Detailed installation instructions for Leviton Load Center Enclosures, models LP2xx, LP3xx, LP4xx, and LP6xx. Covers safety, knockout removal, mounting, wiring, branch circuit breaker installation, and cover fitting.</p>