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## LEONLITE 81312

# LEONLITE 8.5" Oval Bulkhead Wall Light Instruction Manual

Model: 81312

## 1. SAFETY INFORMATION

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Please read these instructions carefully before installation and retain them for future reference. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause personal injury or property damage.

- **Electrical Safety:** Always turn off the power at the circuit breaker or fuse box before installing, servicing, or replacing any part of the fixture. Ensure all electrical connections comply with local codes and ordinances. If you are unsure about wiring, consult a qualified electrician.
- **Product Rating:** This fixture is ETL and UL Listed, ensuring it meets rigorous safety and quality standards for wet locations.
- **Bulb Compatibility:** Use only E26 base bulbs with a maximum wattage of 40W. Exceeding the maximum wattage can cause overheating and damage to the fixture or create a fire hazard.
- **Handling:** Handle the fixture and glass components with care to prevent breakage.

## 2. SETUP AND INSTALLATION

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The LEONLITE Bulkhead Light is designed for easy installation on walls or ceilings. Follow these steps for proper setup:

1. **Prepare the Mounting Surface:** Ensure the power is off at the circuit breaker. Secure the mounting bracket (not included) to your existing J-box.
2. **Connect Wiring:** Connect the fixture's wires to your household wiring using the provided waterproof wire nuts. Ensure proper polarity (live to live, neutral to neutral, ground to ground).
3. **Secure the Fixture Base:** Pass the nipple through the hole and metal ring, then screw the cap to secure the fixture base to the mounting bracket.

4. **Install the Bulb:** Carefully screw an E26 base bulb (max 40W, not included) into the socket.
5. **Attach Lampshade and Cover:** Place the frosted glass lampshade onto the fixture base, ensuring the rubber sealant is properly seated for a waterproof seal. Then, screw the rugged protective cover back onto the fixture.

## INSTALLATION INSTRUCTIONS

1. Fix mounting bracket to j-box (not included) & connect wires



2. Pass nipple through hole & metal ring, screw the cap



3. Install an E26 base bulb (not included)



4. Screw lampshade & mesh back on the fixture



Figure 2.1: Illustrated installation steps for the bulkhead light. This image shows the process from attaching the mounting bracket and connecting wires to installing the bulb and securing the lampshade and protective cover.



Figure 2.2: The bulkhead light shown with compatible E26 base bulbs (T45 and A19 types, max 40W). Bulbs are not included with the fixture.

## SPECIALLY DESIGNED STRUCTURE

Fireproof cotton  
Avoid accidental fire hazards

UL listed E26 socket  
(match with max 40W bulbs)



Figure 2.3: Detailed view of the bulkhead light's internal structure, highlighting the fireproof cotton, UL listed E26 socket, waterproof rubber seal, and frosted glass lampshade.

### Installation Video Guide

Your browser does not support the video tag.

This video from Torchstar (the seller) provides a visual guide to the installation process of the LEONLITE Bulkhead Light, demonstrating how to mount the fixture and connect the components.

### 3. OPERATING INSTRUCTIONS

Operating your LEONLITE Bulkhead Light is straightforward:

- **Power On/Off:** Control the light using your existing wall switch or the connected control method (e.g., app, push button) as per your electrical setup.
- **Light Diffusion:** The frosted glass lampshade provides a soft, diffused light, ideal for creating a welcoming ambiance without harsh glare.

### 4. MAINTENANCE

To ensure the longevity and optimal performance of your bulkhead light, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the fixture with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as they may damage the finish or glass.
- **Bulb Replacement:** Ensure power is off. Carefully unscrew the protective cover and frosted glass lampshade. Unscrew the old E26 bulb and replace it with a new E26 bulb (max 40W). Reassemble the lampshade and cover, ensuring the waterproof seal is intact.
- **Inspection:** Periodically inspect the fixture for any signs of wear, damage, or loose connections. Address any issues promptly.

## 5. TROUBLESHOOTING

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If you encounter issues with your LEONLITE Bulkhead Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power, loose wiring, faulty bulb, faulty switch.	Check circuit breaker/fuse. Verify wiring connections. Replace bulb. Test switch.
Light is dim or flickers	Incorrect bulb wattage, loose bulb, faulty bulb.	Ensure bulb is max 40W. Tighten bulb. Replace bulb.
Water inside fixture	Improperly sealed lampshade/cover.	Ensure rubber sealant is correctly positioned and cover is tightly secured.

If the problem persists after attempting these solutions, please contact customer support.

## 6. SPECIFICATIONS

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- **Brand:** LEONLITE
- **Model Number:** 81312
- **Dimensions (L x W x H):** 13.78" x 6.5" x 9.84"
- **Weight:** 4.3 Pounds
- **Material:** Die-casting Aluminum, Frosted Glass
- **Color:** Black
- **Voltage:** 120V
- **Bulb Base:** E26 Medium
- **Max Wattage:** 40W (Bulbs not included)
- **Water Resistance Level:** IP54 (Waterproof, Wet Location Rated)
- **Working Temperature:** -4°F to 104°F
- **Certifications:** ETL Listed (light body), UL Certified (E26 socket)
- **Mounting Type:** Wall Mount, Flush Mount (Wall & Ceiling)
- **Included Components:** Mounting Hardware, Waterproof Wire Nuts



Figure 6.1: Key dimensions of the LEONLITE 8.5" Oval Bulkhead Wall Light.

## 7. WARRANTY AND SUPPORT

This LEONLITE Bulkhead Light comes with a **three-year manufacturer's warranty**, providing peace of mind for your purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact LEONLITE customer support through the retailer where the product was purchased or visit the official LEONLITE website for contact information.

Please have your model number (81312) and proof of purchase ready when contacting support.

