

ledmo 1803D

ledmo 150W LED Wall Pack Light with Photocell - Instruction Manual

Brand: ledmo | Model: 1803D

1. INTRODUCTION AND OVERVIEW

The ledmo 150W LED Wall Pack Light with Photocell is designed for robust outdoor security and area lighting. This fixture provides powerful, energy-efficient illumination with an integrated photocell, enabling automatic dusk-to-dawn operation. Its durable construction ensures reliable performance in various outdoor environments.

2. SAFETY INFORMATION

- Always disconnect power at the circuit breaker before attempting any installation, maintenance, or servicing.
- Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure proper grounding of the fixture to prevent electrical shock.
- Do not operate the fixture if any components are damaged. Contact customer support for replacement parts.
- Avoid direct eye exposure to the LED light source when the fixture is powered on, as it can cause discomfort.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 150W LED Wall Pack Light with Photocell (4 units for 4-pack models)
- Mounting Hardware (screws, anchors)
- Instruction Manual

4. PRODUCT FEATURES

- **Dusk to Dawn Photocell:** Features an integrated photocell that automatically turns the light on at night and off during the day, ensuring energy efficiency and convenience.
- **High Brightness:** Delivers a powerful 21000 lumens of 5000K daylight white light, providing extensive illumination for large outdoor areas.

- **Energy Efficient:** The 150W LED design offers significant energy savings compared to traditional lighting fixtures, reducing electricity costs.
- **Durable Construction:** Constructed from robust die-cast aluminum material, making it rust-proof, corrosion-resistant, and suitable for various weather conditions.
- **IP65 Waterproof Rating:** Ensures reliable operation even in harsh and rainy weather, providing long-term outdoor performance.
- **Enhanced Heat Dissipation:** An upgraded heat dissipation system prevents overheating, contributing to the longevity and stable performance of the LED fixture.
- **Wide Voltage Range:** Equipped with a 100-277V high-efficiency LED driver, offering multiple protection functions against flickering and overvoltage.
- **Easy Installation:** Designed with a compact size (11.8 x 6.7 x 6.3 inches) for straightforward wall mounting.
- **Versatile Application:** Suitable for commercial and industrial purposes, widely used in garages, yards, buildings, porches, and parking areas.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your ledmo 150W LED Wall Pack Light:

1. **Prepare for Installation:** Before beginning, ensure the power supply to the installation area is completely disconnected at the circuit breaker. Select a suitable mounting location, ideally at a height of 15-20 feet, to optimize lighting coverage and prevent interference with the photocell.
2. **Mount the Fixture:** Securely attach the wall pack light to the chosen wall surface using the provided mounting hardware (screws and anchors). Ensure the fixture is level and firmly fixed.
3. **Electrical Connection:** Connect the electrical wiring (Live, Neutral, Ground) from your power source to the corresponding wires on the fixture. Refer to local electrical codes for proper wiring procedures. Ensure all connections are secure and properly insulated with wire nuts.
4. **Restore Power:** Once the installation is complete and all electrical connections have been thoroughly checked for safety, restore power at the circuit breaker.
5. **Photocell Operation:** The integrated photocell will automatically detect ambient light levels. The fixture will turn on at dusk and turn off at dawn without manual intervention.

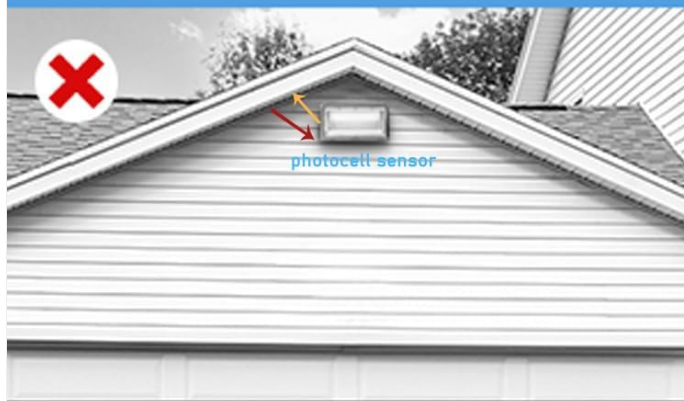
How to avoid flickering?



Not affected by other lights



Install at an appropriate height



Not located directly below the roof



The light emitted by installing too low snow reflects onto the light sensor

Kind Reminder - Real Case Problem Solving Methods

Avoid the light sensor being too sensitive and reflecting light to cause the light to flicker

1. Please remove the snow on the ground in a timely manner when installing lights during heavy snow weather
2. Suitable location, do not install directly under the eaves
3. Ensure that the photocell is not affected by light

Image: LEDMO Wall Pack Light with Dusk to Dawn Photocell. Illustrates the automatic on/off function based on light levels.

LEDMO with the same wattage has a smaller volume and



VS



Image: Wall Pack Easy Install. Demonstrates the ease of installation for the LEDMO wall pack light.

Your browser does not support the video tag.

Video: Dusk To Dawn Wall Pack. This video demonstrates the automatic dusk-to-dawn functionality of the wall pack light.

Your browser does not support the video tag.

Video: 120W, Super Bright for your yard. This video showcases the brightness of a similar LEDMO wall pack light, highlighting its suitability for yard illumination.

6. OPERATING INSTRUCTIONS

The ledmo 150W LED Wall Pack Light is designed for automatic operation:

- The integrated photocell will automatically activate the light when ambient light levels drop below a certain threshold (dusk).
- The light will automatically turn off when sufficient ambient light is detected (dawn).
- No manual switching is required for daily operation.

For optimal performance, ensure the photocell sensor is not obstructed by objects, dirt, or directly exposed to other artificial light sources that could interfere with its accurate light detection.

7. MAINTENANCE

To ensure the longevity and optimal performance of your ledmo LED Wall Pack Light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the lens and the exterior housing of the fixture with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or lens.
- **Inspection:** Regularly inspect the fixture for any signs of physical damage, such as cracks in the housing or lens, loose mounting screws, or frayed wiring. Address any issues promptly to prevent further damage or safety hazards.
- **Photocell Care:** Keep the photocell sensor clean and free from obstructions like leaves, dirt, or snow. A blocked photocell can prevent the light from turning on or off correctly.
- **Electrical Connections:** Periodically check electrical connections for tightness and corrosion, especially in humid or corrosive environments. Ensure power is disconnected before inspection.

LEDMO

150W Wall Pack Light



Others

LED Wall Pack Light

Just installed



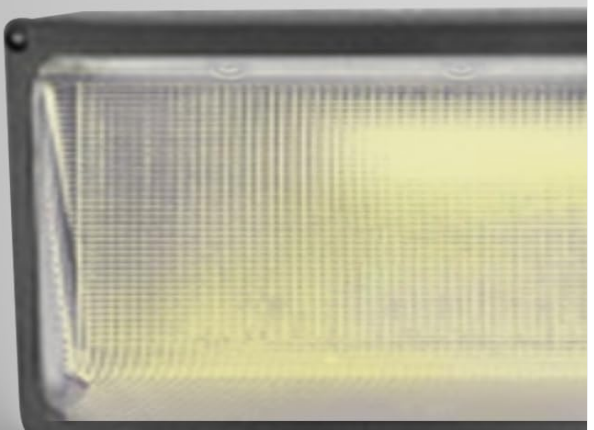
After one year of use



After one year of use



After one year of use



Keep Clear

Fading and yellowing

Image: LEDMO Outdoor Wall Light with Waterproof Rubber Gasket. Highlights the waterproof design for durability.

LEDMO

Wall Pack Light with Dusk to Dawn Photocell

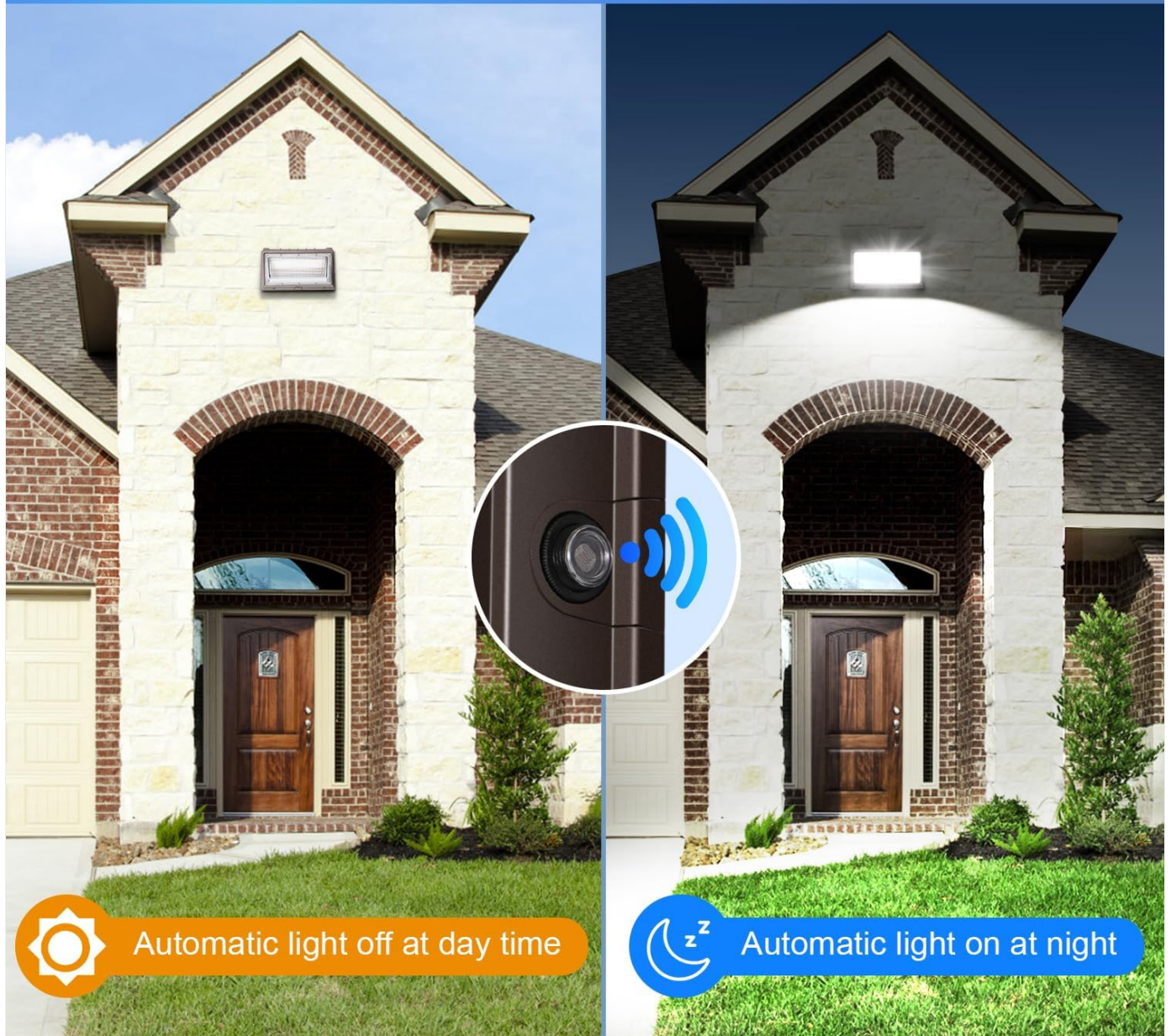


Image: LEDMO 150W Wall Pack Light - Excellent Heat Dissipation. Illustrates the advanced heat management system.



Image: LEDMO 150W Wall Pack Light - Adaptable to Different Weather Conditions. Shows the light's resilience to sun, rain, lightning, and snow.

8. TROUBLESHOOTING

If you encounter issues with your ledmo 150W LED Wall Pack Light, refer to the following troubleshooting guide:

- **Light does not turn on:**

- Check power supply: Ensure the circuit breaker is on and the fixture is receiving power.
- Verify wiring: Confirm all electrical connections are correct and secure.
- Inspect photocell: Ensure the photocell is clean and not obstructed by external light sources or physical barriers.

- **Light flickers:**

- Check for external light interference: Other light sources (e.g., streetlights, car headlights) or reflected light (e.g., from snow) can cause the photocell to rapidly switch the light on and off. Relocate the fixture or shield the photocell if necessary.
- Ensure proper installation height: Installing the light too low can lead to reflected light issues, especially from snow or light-colored surfaces. The recommended height is 15-20 feet.
- Contact support: If flickering persists after checking for external interference, there may be an internal electrical issue.

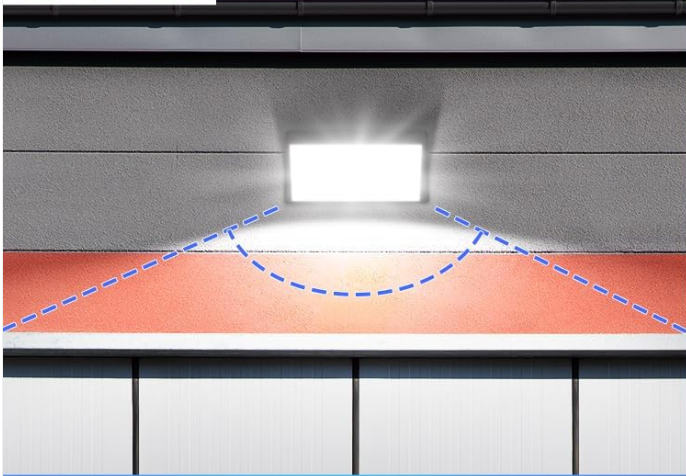
- **Light stays on during the day:**

- Check photocell obstruction: Ensure the photocell is not covered by dirt, debris, or any object that blocks natural daylight.
- Verify photocell function: If the issue persists after clearing obstructions, the photocell may be faulty and require replacement.

High power in the same volume

Wider lighting range

✓ 150W



120W ✗



Same power and small volume

Lighter and easier to install

✓ 150W



120W ✗



Image: LEDMO 150W Wall Pack Light - How to Avoid Flickering. Provides visual guidance on correct installation to prevent flickering.

9. SPECIFICATIONS

Brand	ledmo
Model Number	1803D
Wattage	150 Watts
Brightness	21000 Lumens
Color Temperature	5000K (Daylight White)
Voltage	100-277 Volts
Water Resistance Level	IP65 Waterproof

Material	Acrylic, Aluminum
Product Dimensions	11.81"L x 6.69"W x 6.3"H
Average Service Life	50,000 Hours
Special Features	Anti-Rust, Energy Efficient, Photocell, Shock Resistant, Water Resistant, Waterproof, Sunproof
Installation Type	Wall Mount

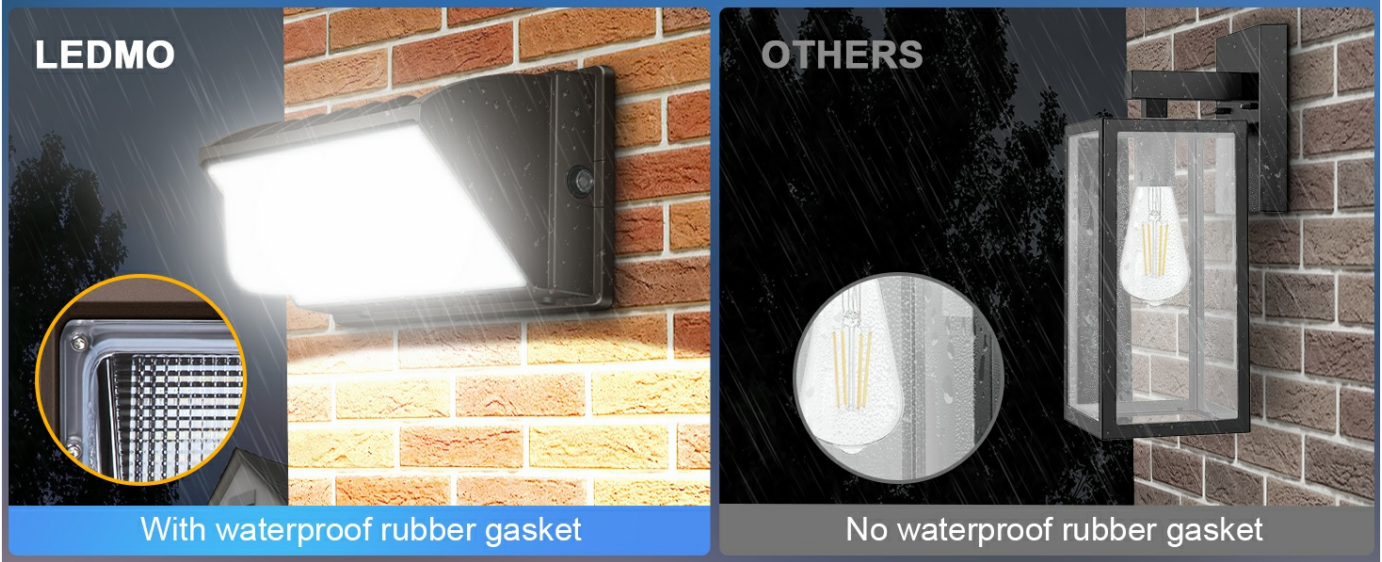


Image: 150W LED Wall Pack Outdoor LED Barn Lights Waterproof. Highlights the waterproof and durable design suitable for various outdoor applications.

LEDMO

Outdoor wall light

Equipped all-round silicone rubber gaskets with high waterproof and sealing grades



Others

No waterproof rubbergasket



Image: LEDMO 150W Wall Pack Light - High Power and Wider Lighting Range. Compares the lighting range of 150W LEDMO lights to 120W alternatives.

10. WARRANTY AND SUPPORT

This ledmo 150W LED Wall Pack Light comes with a **five-year warranty**, ensuring peace of mind regarding its quality and performance.

For any questions, technical assistance, or support regarding your ledmo LED outdoor wall lights, please contact our customer service team. We are committed to providing a reassuring and happy shopping experience and after-sales service.

Please refer to the product packaging or the official ledmo website for specific contact details and warranty claim procedures.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question