LIT-PaTH LT-WL023P

LIT-PaTH Dusk to Dawn Outdoor Wall Lantern

INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the LIT-PaTH Dusk to Dawn Outdoor Wall Lantern. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read it thoroughly before beginning installation and retain it for future reference.



Figure 1: LIT-PaTH Dusk to Dawn Outdoor Wall Lantern (White)

2. Product Features

- **Worry-Free Quality:** Manufactured in a factory with over 40 years of experience, ensuring reliable quality and durable construction. Features include brass fixture mounting screws and a high-quality powder coat finish.
- **Dusk to Dawn Sensor:** Equipped with a high-sensitivity IC sensor that automatically turns the light off at dawn and on at dusk, optimizing energy savings and convenience.
- **New Anti-Flicker Function:** Prevents flickering by delaying turn-on/off by 15 seconds when ambient light conditions change suddenly (e.g., passing car headlights), enhancing security and stability.
- **DIY Installation:** Designed for easy direct wiring. All necessary hardwire components and detailed instructions are included for a quick installation process.
- **Durable Usage:** IP65 rated for outdoor use, suitable for patios, porches, garages, front doors, and balconies. Constructed with heavy-duty rugged metal and clear glass panels for resilience in various outdoor environments.



Figure 2: The lantern is designed to be sunproof, snowproof, waterproof, and windproof.

3. Package Contents

Verify that all components are present and undamaged before installation:

- LIT-PaTH Outdoor Wall Lantern (Model LT-WL023P)
- Mounting Hardware (screws, wire nuts, mounting plate)
- Instruction Manual
- *Bulb not included*

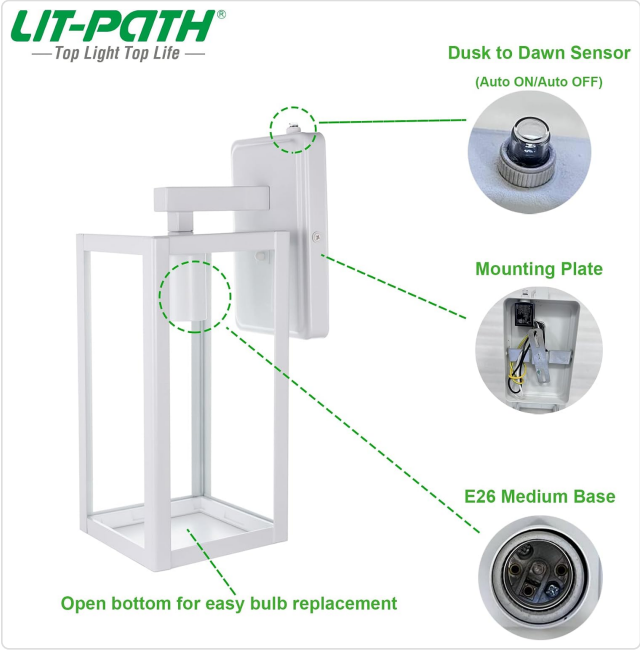


Figure 3: Key components of the LIT-PaTH Outdoor Wall Lantern.

4. Safety Information

WARNING: Risk of Electric Shock. Disconnect power at the fuse box or circuit breaker before installing or

servicing.

- All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC).
- Consult a qualified electrician if you are unsure about proper installation.
- Use only UL or ETL listed wire connectors.
- Do not exceed the maximum wattage specified for the bulb (Max 60W).
- Ensure the fixture is securely mounted to a structural element.

5. Installation

Follow these steps for proper installation:

1. **Prepare for Installation:** Turn off power at the main circuit breaker or fuse box. Ensure the power is completely off before proceeding.
2. **Mounting Plate Installation:** Attach the mounting plate to the junction box using the provided screws. Ensure it is firmly secured.
3. **Wiring Connections:** Connect the fixture's wires to your house wiring. Connect the black wire (live) from the fixture to the black wire from the junction box. Connect the white wire (neutral) from the fixture to the white wire from the junction box. Connect the ground wire (green or bare copper) from the fixture to the ground wire from the junction box. Secure all connections with wire nuts.
4. **Secure the Fixture:** Carefully align the fixture with the mounting plate and secure it with the provided screws. Ensure there are no gaps between the fixture and the wall surface to prevent water intrusion.
5. **Install Bulb:** Insert an E26 medium base bulb (Max 60W, not included) into the socket. The open bottom design allows for easy bulb replacement.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Figure 4: Side view of the lantern, illustrating its mounting design.

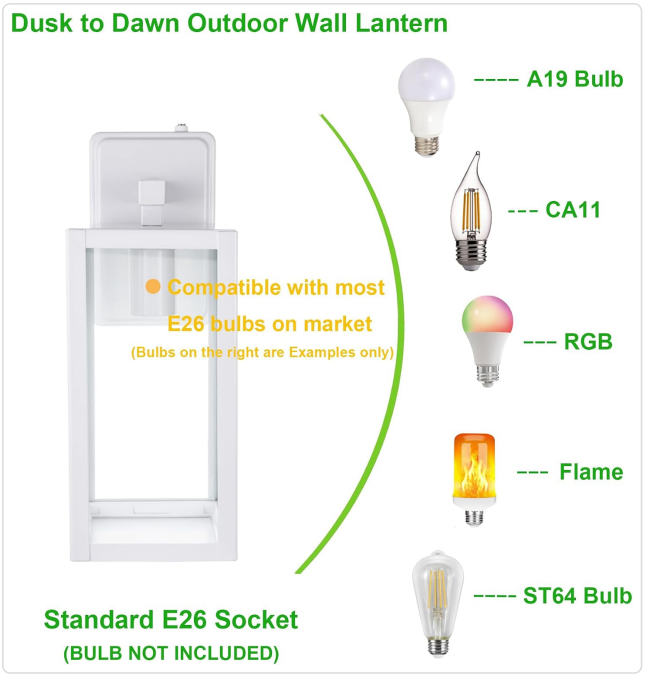


Figure 5: Compatible E26 bulb types for the lantern.

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Video 1: Overview of the Dusk to Dawn Outdoor Wall Lantern (LT-WL023P-WT), demonstrating its features and design.

6. Operation

The LIT-PaTH Dusk to Dawn Outdoor Wall Lantern is designed for automatic operation:

- **Automatic On/Off:** The built-in photocell sensor detects ambient light levels. The lantern will automatically turn on when it gets dark (dusk) and turn off when it gets light (dawn).
- **Anti-Flicker Feature:** To prevent rapid cycling due to transient light changes (e.g., car headlights), the sensor incorporates a 15-second delay. If the surrounding light suddenly darkens, the lantern will turn on after 15 seconds. If it suddenly brightens, the lantern will turn off after 15 seconds. This ensures stable operation and prevents unnecessary power cycling.

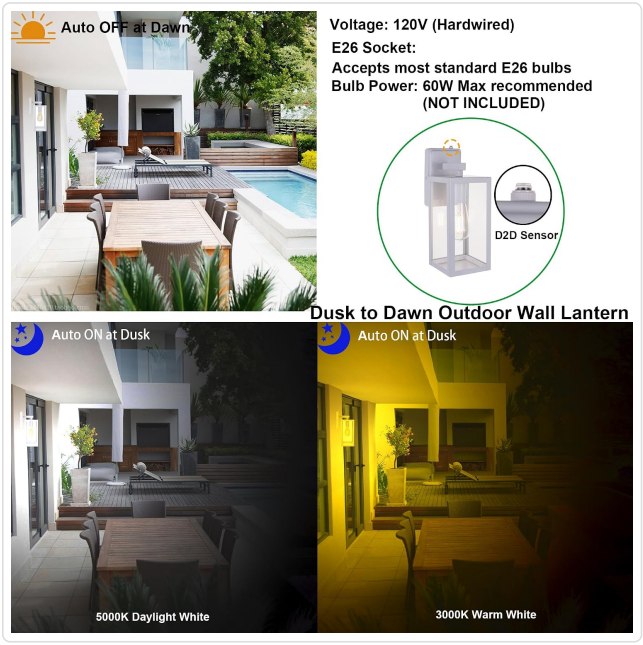


Figure 6: Automatic Dusk to Dawn operation of the lantern.

7. Maintenance

- **Cleaning:** To clean the fixture, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or glass.
- **Bulb Replacement:** Ensure power is off before replacing the bulb. The fixture features an open bottom for easy access to the E26 medium base socket. Replace with a new E26 bulb, not exceeding 60W.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at dusk.	1. Power is off. 2. Bulb is faulty or loose. 3. Photocell is obstructed or receiving too much light.	1. Check circuit breaker/fuse. 2. Replace or tighten bulb. 3. Ensure photocell is clean and not blocked by eaves, trees, or other light sources.
Light stays on during the day.	1. Photocell is obstructed or in a shaded area. 2. Ambient light is insufficient.	1. Clear any obstructions from the photocell. Relocate fixture if necessary to a brighter area. 2. Ensure the area around the photocell receives adequate daylight.
Light flickers or cycles rapidly.	Interference from other light sources (e.g., car headlights, streetlights).	The anti-flicker function should mitigate this. If persistent, ensure the fixture is not directly exposed to strong, intermittent light sources.

Problem	Possible Cause	Solution
Light is dim or inconsistent.	1. Incorrect bulb wattage. 2. Loose wiring connection.	1. Ensure bulb wattage is within specified limits (Max 60W). 2. Check and secure all wiring connections (with power off).

9. Specifications

Attribute	Value
Brand	LIT-PaTH
Model Number	LT-WL023P
Color	1-Pack White
Material	Glass, Stainless Steel
Style	Modern
Light Fixture Form	Wall
Product Dimensions	6.6"L x 5"W x 13"H
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Installation Type	Wall Mount
Special Feature	Anti-Rust, Shock Resistant, Waterproof, Dusk to Dawn
Control Method	Touch (via sensor)
Light Source Type	LED or CFL (E26 Medium Base)
Finish Type	Powder Coated
Shade Material	Glass
Number of Light Sources	1
Voltage	120 Volts
Wattage	Max 60 watts
Bulb Base	E26 Medium
Water Resistance Level	Water Resistant (IP65 rated)
Item Weight	3.46 Pounds
Certifications	ETL, cETL

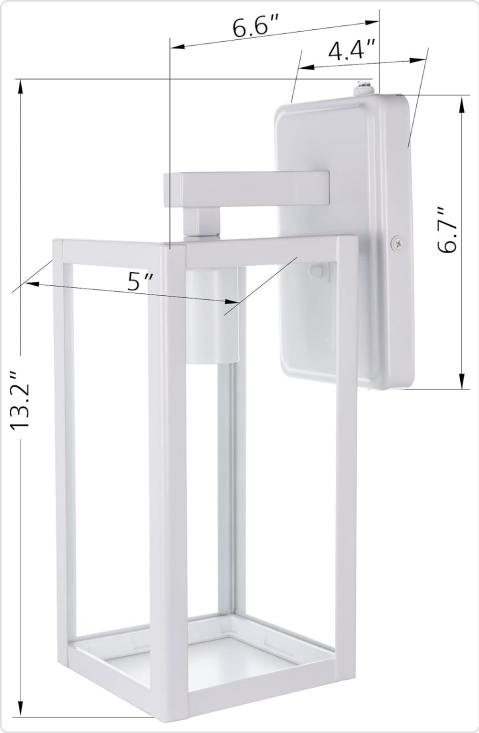


Figure 7: Product dimensions.

10. Warranty and Support

LIT-PaTH products are manufactured with quality and durability in mind. For any technical assistance, warranty claims, or support inquiries, please contact LIT-PaTH customer service. Refer to the product packaging or the official LIT-PaTH website for the most current contact information.
Please retain your proof of purchase for warranty purposes.

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