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DEWENWILS HOWL

DEWENWILS HOWL Motion Sensor Outdoor Wall Light

Instruction Manual

1. Introduction

Thank you for purchasing the DEWENWILS HOWL Motion Sensor Outdoor Wall Light. This fixture combines advanced motion sensing and dusk-to-dawn technology with a farmhouse-style design, providing efficient and aesthetic outdoor lighting. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your product.





Image 1.1: DEWENWILS HOWL Motion Sensor Outdoor Wall Light, showcasing its design and clear glass panels.

2. Safety Information

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Always turn off power at the circuit breaker before installing, servicing, or cleaning the fixture. Consult a qualified electrician if you are not familiar with electrical wiring.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Bulb Type:** Use only INCANDESCENT or DIMMABLE LED bulbs with an E26 base, up to a maximum of 60 watts. Non-dimmable LED bulbs may cause flickering or improper function in certain modes.
- **Installation Height:** For optimal motion sensor performance, install the fixture at least 6 feet (1.8 meters) from the ground.
- **Outdoor Use:** This fixture is designed for outdoor use and is IP65 waterproof. Ensure all connections are sealed to prevent water ingress.
- **Heat:** Bulbs can become hot. Allow them to cool before handling.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x DEWENWILS HOWL Motion Sensor Outdoor Wall Light Fixture
- 1 x Shade (pre-installed)
- Mounting Hardware (screws, wire nuts, mounting plate)
- Instruction Manual

Note: Bulb is not included.

4. Specifications

Feature	Specification
Brand	DEWENWILS
Model Number	HOWL
Dimensions (L x W x H)	8.66" x 7.28" x 14.96" (22cm x 18.5cm x 38cm)
Material	Aluminum frame, Clear Glass shade
Power Source	Corded Electric (120V AC)
Bulb Base	E26
Max Wattage	60 Watts
Light Source Type	Incandescent/Dimmable LED (Bulb not included)
Motion Sensor Angle	140°
Motion Sensor Range	10-33 ft (3-10 meters)
Water Resistance Level	IP65 Waterproof
Special Features	Motion Sensor, Dusk to Dawn, 3 Lighting Modes



Image 4.1: Product dimensions and compatible bulb types (E26 base, max 60W incandescent or dimmable LED).

5. Setup and Installation

The DEWENWILS HOWL outdoor lighting fixture comes pre-assembled. Installation primarily involves mounting it to a wall and connecting the electrical wiring.

5.1 Tools Required (Not Included)

- Screwdriver

- Wire Strippers
- Pliers
- Electrical Tape
- Ladder (if necessary)

5.2 Installation Steps

1. **Turn Off Power:** Before starting, ensure the power to the installation area is turned off at the circuit breaker to prevent electrical shock.
2. **Prepare Wiring:** If replacing an existing fixture, carefully disconnect the old wiring. Ensure the junction box is clean and accessible.
3. **Mounting Plate Installation:** Attach the mounting plate (usually included with the fixture) to the junction box using the provided screws. Ensure it is securely fastened.
4. **Wire Connections:** Connect the fixture's wires to your household wiring:
    - Connect the **black** fixture wire to the **black** (hot) household wire.
    - Connect the **white** fixture wire to the **white** (neutral) household wire.
    - Connect the **green or bare copper** fixture wire to the **green or bare copper** (ground) household wire.

    Use wire nuts to secure all connections and wrap them with electrical tape for added insulation.
5. **Attach Fixture:** Carefully tuck the wires into the junction box. Align the fixture with the mounting plate and secure it with the provided screws.
6. **Install Bulb:** Insert an E26 base incandescent or dimmable LED bulb (max 60W) into the socket.
7. **Restore Power:** Turn the power back on at the circuit breaker.



Image 5.1: Close-up view highlighting the dusk-to-dawn and motion sensor, 100% aluminum construction, and sturdy glass shade.

6. Operating Instructions

The DEWENWILS HOWL light features an advanced PIR motion sensor and IC lighting sensor, offering three distinct operating modes. These modes are selected via a switch located on the fixture's sensor unit.



Image 6.1: Diagram showing the location of the mode selection switch and adjustment dials for Low Level, Time, and Sens.

6.1 Mode Selection

Slide the switch on the sensor unit to choose one of the following modes:

- **PC Mode (Dusk to Dawn Sensor):**
  The light automatically turns on at 100% brightness at dusk and turns off at dawn. Motion detection is inactive in this mode. This mode is suitable for continuous ambient lighting throughout the night.

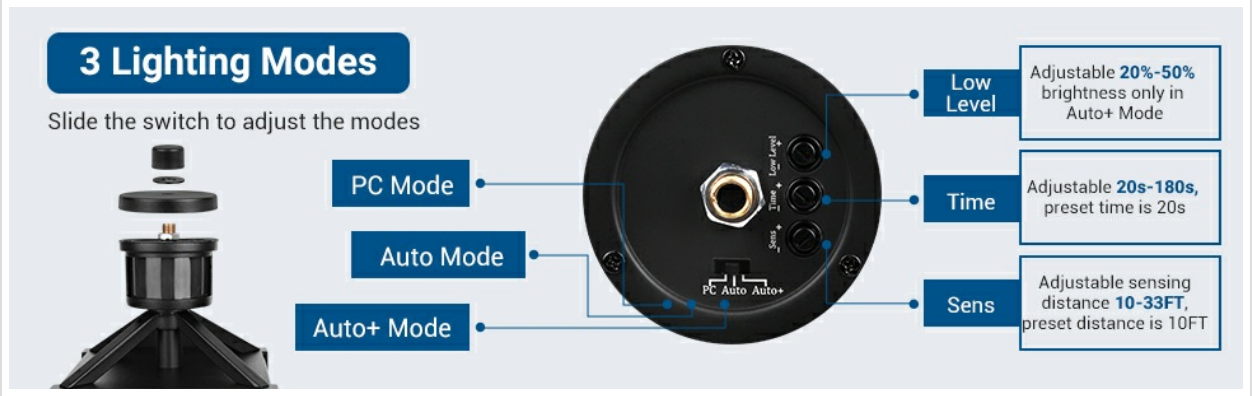


Image 6.2: PC Mode illustrates the light turning on at dusk and off at dawn.

- **Auto Mode:**
  The light remains off at night. When motion is detected, it illuminates at 100% brightness. After a set period (adjustable from 20s to 180s) without further motion, the light turns off. This mode is ideal for security and energy saving.

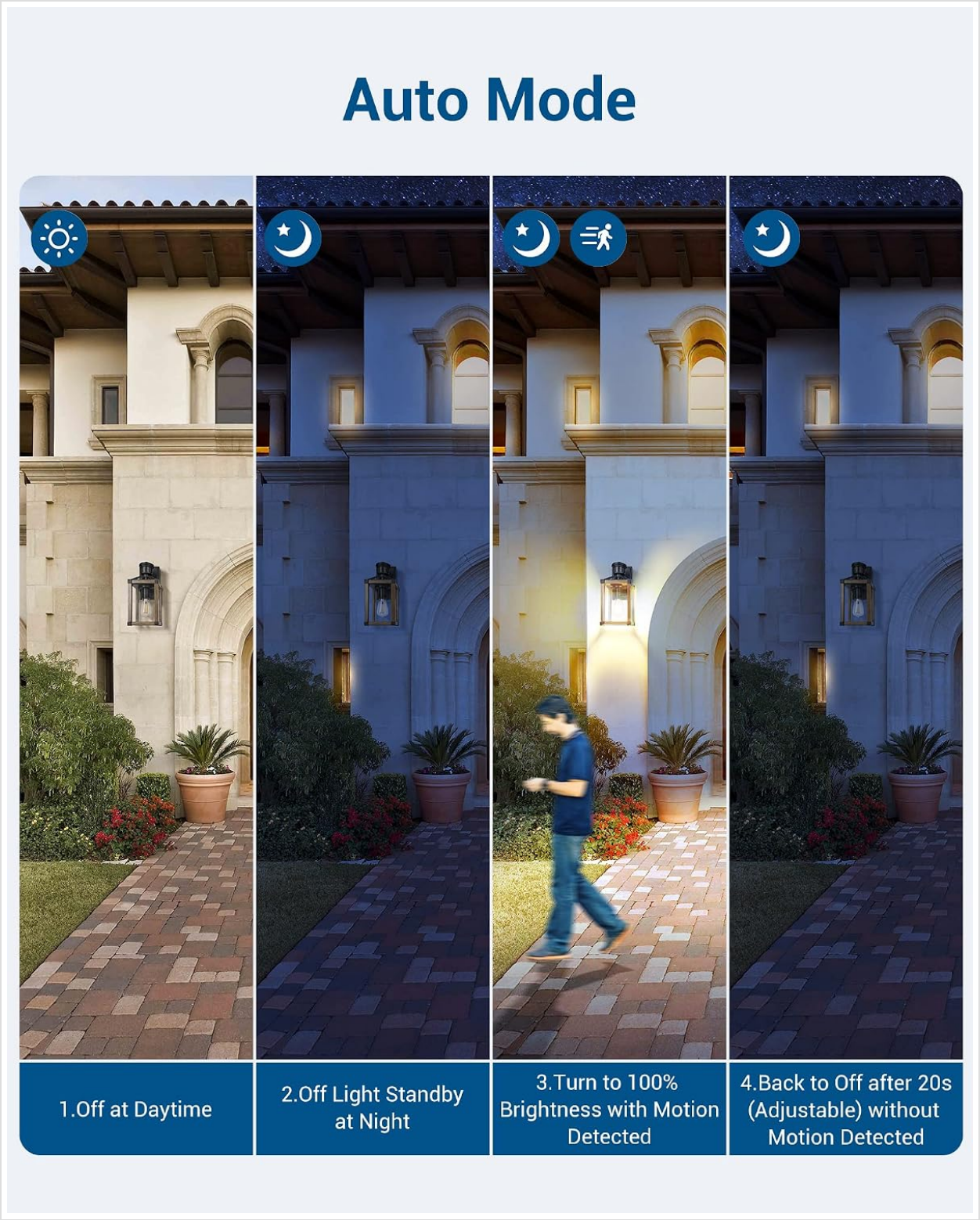


Image 6.3: Auto Mode shows the light activating to 100% brightness upon motion and turning off after a delay.

- **Auto+ Mode:**
  The light maintains a low brightness level (adjustable from 20% to 50%) at night. When motion is detected, it brightens to 100%. After a set period (adjustable from 20s to 180s) without further motion, it returns to the low brightness level. This mode provides continuous low-level lighting with enhanced security.



Image 6.4: Auto+ Mode demonstrates the light staying at a low level, brightening with motion, then returning to low.

6.2 Sensor Adjustments (for Auto and Auto+ Modes)

The sensor unit includes dials for fine-tuning performance:

- **Low Level (20%-50%):** Adjusts the low brightness level in Auto+ Mode.
- **Time (20s-180s):** Adjusts how long the light stays at 100% brightness after motion is detected in Auto and Auto+ Modes. The preset time is 20 seconds.
- **Sens (10-33FT):** Adjusts the motion sensing distance. The preset distance is 10 feet.

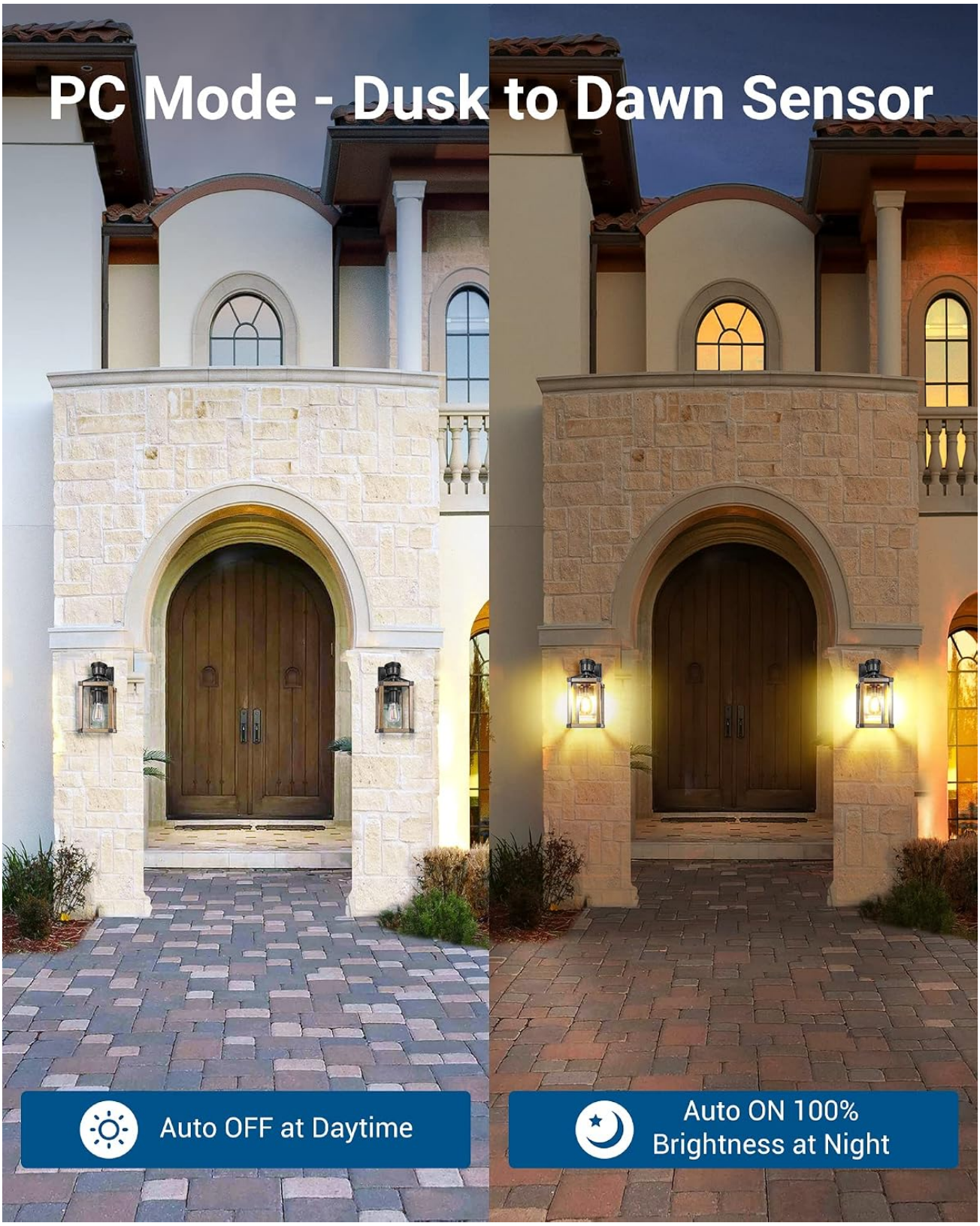


Image 6.5: Illustration of the 140° motion sensor angle and up to 33ft detection range, along with the three working modes and adjustable settings.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your outdoor wall light.

- **Cleaning:** To clean the fixture, ensure the power is off. Wipe with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or glass. The open bottom design allows for easy cleaning and bulb replacement.

- **Bulb Replacement:** Always turn off power at the circuit breaker before replacing the bulb. Allow the old bulb to cool completely. Unscrew the old bulb and screw in a new E26 base incandescent or dimmable LED bulb (max 60W).
- **Inspection:** Periodically check for any loose wiring, corrosion, or damage to the fixture. Address any issues promptly.

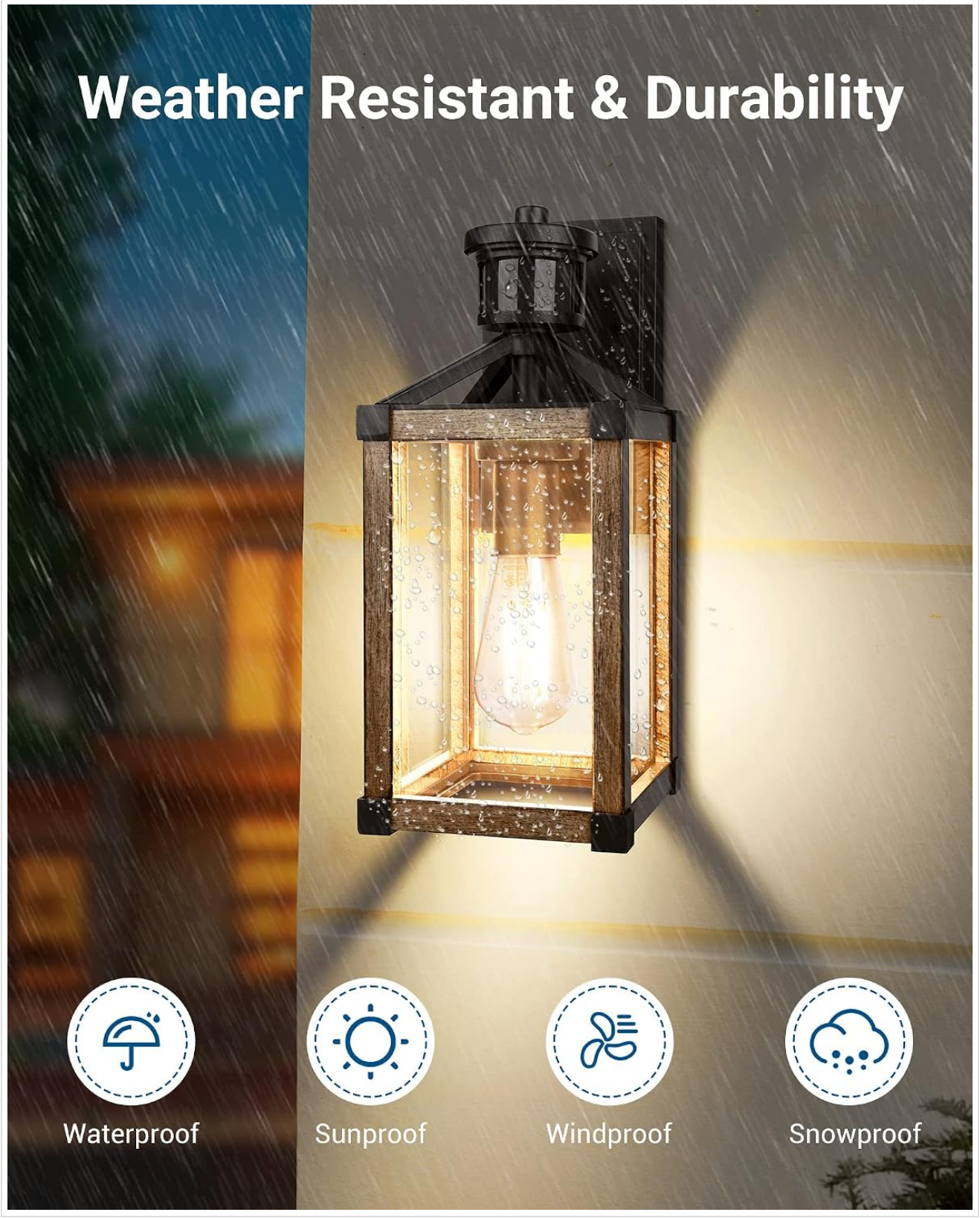


Image 7.1: The fixture is designed to be waterproof, sunproof, windproof, and snowproof, ensuring durability in various weather conditions.

8. Troubleshooting

If you encounter issues with your DEWENWILS HOWL light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power, faulty bulb, incorrect wiring, sensor obstruction, or incorrect mode.	Check circuit breaker. Replace bulb. Verify wiring connections. Ensure sensor is clear. Check mode selection switch.
Light stays on constantly	Sensor continuously detecting motion, light sensor malfunction, or incorrect mode.	Ensure no constant motion in sensor range. Check for external light sources interfering with dusk-to-dawn sensor. Verify mode selection (PC mode will stay on at night).
Light flickers or dims improperly	Incompatible bulb type (non-dimmable LED), loose connection, or faulty bulb.	Use only INCANDESCENT or DIMMABLE LED bulbs. Check bulb tightness and wiring connections.
Motion sensor not detecting	Sensor range too low, obstruction, or incorrect mode.	Adjust 'Sens' dial to increase range. Ensure sensor is not blocked. Verify light is in Auto or Auto+ mode.
Light turns off too quickly/slowly	'Time' setting is incorrect.	Adjust the 'Time' dial on the sensor unit to your desired duration (20s-180s).

9. Warranty Information

The DEWENWILS HOWL Motion Sensor Outdoor Wall Light comes with a**2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications. Please retain your proof of purchase for warranty claims.

10. Customer Support

For further assistance, technical support, or warranty inquiries, please contact DEWENWILS customer service. You can typically find contact information on the DEWENWILS official website or through the retailer where the product was purchased.
Visit the DEWENWILS Store on Amazon for more information and products.

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