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› [CLOUDY BAY 120V Outdoor Wall Lantern with Dusk to Dawn Photocell Instruction Manual \(Model CBWL0290RBE26\)](#)

CLOUDY BAY CBWL0290RBE26

CLOUDY BAY 120V Outdoor Wall Lantern with Dusk to Dawn Photocell

Model: CBWL0290RBE26

1. SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- This fixture is designed for 120VAC power supply only. Do not attempt to connect to battery or solar power systems.
- Consult a qualified electrician if you are not familiar with electrical installations.
- Ensure all electrical connections are secure and comply with local codes and ordinances.
- This product is suitable for wet locations.

2. PACKAGE CONTENTS

- 1 x CLOUDY BAY Outdoor Wall Lantern Fixture
- 1 x Medium-base 8W LED Filament Light Bulb
- Mounting accessories (screws, wire nuts, etc.)

3. SPECIFICATIONS

Model Number	CBWL0290RBE26
Input Voltage	120V AC
Wattage (Included Bulb)	8W LED (equivalent to 60W incandescent)
Brightness	90 Lux
Dimensions (H x W x D)	13.25" x 6" x 7" (extends 7" from wall)
Finish Type	Oil Rubbed Bronze (ORB)
Material	Alloy Steel, Seeded Glass
Switch Style	Dusk to Dawn Photocell

Mounting Type	Wall Mount
Location Rating	Wet Location
Dimmable	No

4. INSTALLATION INSTRUCTIONS

Before beginning installation, ensure the power supply is turned off at the circuit breaker. Follow these general steps for mounting your outdoor wall lantern:

- 1. Prepare the Mounting Surface:** Ensure the electrical box is securely installed and accessible.
- 2. Attach Mounting Bracket:** Secure the provided mounting bracket to the electrical box using the screws.
- 3. Make Electrical Connections:** Connect the fixture's wires to your household wiring (black to black, white to white, ground to ground) using the provided wire nuts. Ensure connections are tight and insulated.
- 4. Mount the Fixture:** Carefully align the fixture with the mounting bracket and secure it with the provided screws or nuts.
- 5. Install the Bulb:** Screw the included 8W LED filament bulb into the fixture's socket.
- 6. Restore Power:** Turn the power back on at the circuit breaker.

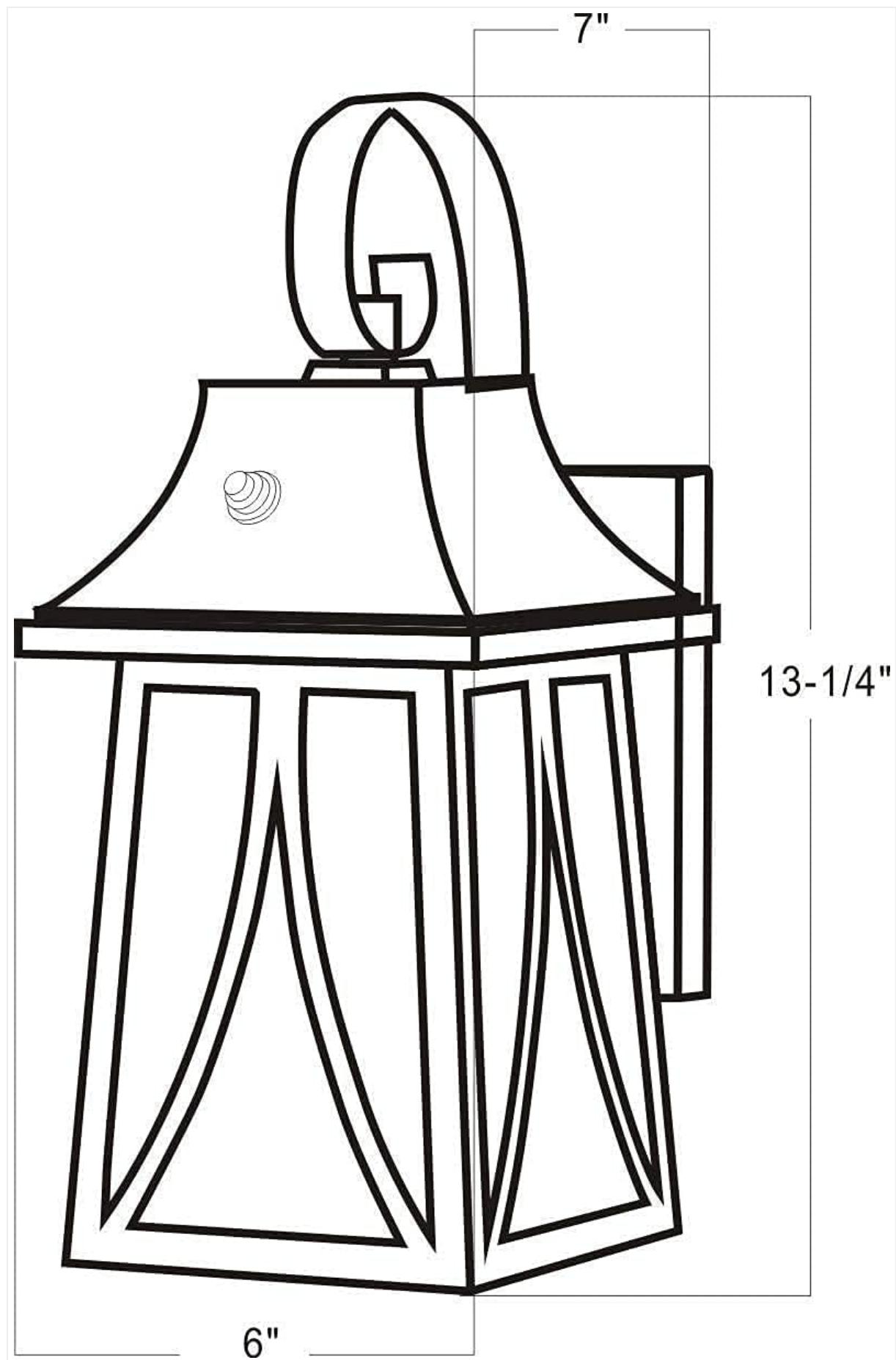


Figure 1: Product Dimensions. This diagram illustrates the height, width, and extension from the wall for the lantern.



Figure 2: Bulb Compatibility. The fixture is compatible with E26 base bulbs up to 60W Max. An 8W LED 2700K 800LM bulb is included.

5. OPERATING INSTRUCTIONS

This CLOUDY BAY outdoor wall lantern is equipped with a dusk-to-dawn photocell sensor for automatic operation. Once installed and powered, the light will automatically turn on when ambient light levels fall (dusk) and turn off when ambient light levels rise (dawn).

- Ensure the photocell sensor (small clear dome on top of the fixture) is not obstructed by any objects, as this can interfere with its operation.
- The fixture is **NOT DIMMABLE**. Do not connect it to a dimmer switch.



Figure 3: Dusk to Dawn Functionality. The integrated photocell automatically manages light operation.

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Video 1: Cloudy Bay Dusk to Dawn Outdoor Wall Lantern. This video demonstrates the automatic on/off functionality of the lantern based on ambient light.

6. MAINTENANCE

- **Cleaning:** To clean the fixture, turn off the power, allow it to cool, and wipe with a soft, dry or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** The included LED bulb has a long lifespan. If replacement is needed, use an E26 medium-base bulb, not exceeding 60W incandescent equivalent. Ensure power is off before

replacing the bulb.



Figure 4: Weather Resistance. The fixture is designed to withstand various outdoor weather conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at dusk.	1. Power is off. 2. Photocell is obstructed. 3. Bulb is faulty. 4. Wiring issue.	1. Check circuit breaker and wall switch. 2. Ensure photocell sensor is clear of debris or obstructions. 3. Replace bulb with a known working E26 LED bulb. 4. Verify electrical connections are secure. Consult an electrician if needed.
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 the fixture if it's in a consistently shaded area. 2. Ensure the photocell is exposed to adequate daylight.
Light flickers.	1. Loose bulb. 2. Unstable power supply. 3. Faulty bulb.	1. Tighten the bulb securely. 2. Consult an electrician to check power supply stability. 3. Replace the bulb.

8. WARRANTY AND SUPPORT

The included 8W LED filament bulb comes with a 1-year warranty from the date of purchase.

For any questions, technical assistance, or warranty claims regarding your CLOUDY BAY product, please contact CLOUDY BAY customer support. Refer to your purchase documentation for contact details.