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> Ehaho Porch Light with GFCI Outlet (Model EH-BD03-LS-1-BR-W) - Instruction Manual

Ehaho EH-BD03-LS-1-BR-W

Ehaho Porch Light with GFCI Outlet

Model: EH-BD03-LS-1-BR-W

1. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to do so may result in electric shock, fire, or other injuries that could be fatal or cause property damage.

- **Electrical Safety:** Always turn off the main power supply at the circuit breaker before installing, servicing, or cleaning the fixture.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Outdoor Use:** This fixture is designed for outdoor use and is IP65 rated for water and dust resistance. However, ensure all connections are sealed properly during installation.
- **GFCI Outlet:** The integrated GFCI (Ground Fault Circuit Interrupter) outlet provides additional protection against electrical shock. Test the GFCI outlet monthly to ensure proper function.
- **Bulb Compatibility:** Use only E26-based bulbs with a maximum wattage of 60W.

2. WHAT'S INCLUDED

Verify that all components are present before beginning installation:

- 1 x Wall Lantern with Outlet
- Mounting Hardware
- Instruction Manual
- Silicone Cap (for photocell sensor)

3. INSTALLATION INSTRUCTIONS

This Ehaho Porch Light is designed for easy installation. Follow these general steps:

1. **Prepare for Installation:** Turn off power at the circuit breaker. Remove any existing fixture.
2. **Mount the Bracket:** Secure the mounting bracket to the junction box on your wall using the provided

hardware.

3. **Wire the Fixture:** Connect the fixture's wires to your household wiring according to local electrical codes. Ensure proper grounding.
4. **Secure the Fixture:** Attach the light fixture to the mounting bracket.
5. **Install Bulb:** Screw in an E26-based bulb (max 60W, not included).
6. **Activate GFCI Outlet:** After installation and restoring power, press the "TEST" button once and then the "RESET" button once on the GFCI outlet to activate it.

Video: This video demonstrates the installation process for the Ehaho Wall Sconce Light with a built-in outlet, showing how to mount the fixture and connect wiring for outdoor use.

Image: The Ehaho Porch Light with GFCI outlet is shown powering various outdoor devices such as a hedge trimmer, a security camera, and holiday string lights, highlighting its versatility.

4. OPERATING INSTRUCTIONS

Your Ehaho Porch Light offers two operational modes:

4.1. Dusk to Dawn Sensor Mode

The built-in photocell sensor automatically detects ambient light levels. In this mode:

- The light will automatically turn **ON** when brightness is below 10-20 Lux (at night).
- The light will automatically turn **OFF** when brightness is above 30-60 Lux (during the daytime).

4.2. Switch-Controlled Mode

To operate the light using a standard wall switch, cover the photocell sensor with the included silicone cap. This disables the dusk-to-dawn function, allowing manual control.

DUSK TO DAWN MODE
No Motion Sensor Function/No Solar Powered

1 AUTO OFF WHEN BRIGHTNESS > 100LUX

AUTO ON WHEN BRIGHTNESS < 20LUX

2 OPTIONAL MODES

SWITCH CONTROLLED MODE
(Photocell sensor covered by silicone cap)

2 OFF/ON BY WALL SWITCH

Cover With Silicone Cap
Switch Controlled

Image: This image displays the two operational modes: Dusk to Dawn, where the light automatically turns on at night and off during the day, and Switch-Controlled, which is activated by covering the sensor with a silicone cap.

Video: This video highlights the functionality of the Ehaho Porch Light's built-in GFCI outlet, demonstrating how to plug in and use various electrical devices safely outdoors.

Video: This video showcases the dusk-to-dawn feature of the Ehaho Porch Light, demonstrating its automatic operation based on ambient light conditions.

5. FEATURES

- **Integrated GFCI Outlet:** Features a downward-opening design to protect against rain, with two receptacles suitable for 2 or 3-pronged plugs. Supports a maximum current of 15A and a maximum load of 1800W.

- **Dusk to Dawn Sensor:** Automatically turns the light on at night and off during the day, providing convenience and energy efficiency.
- **E26 Socket Base:** Compatible with 60-watt max E26-based bulbs (LED, CFL, incandescent, halogen). The open design allows for easy bulb replacement and cleaning.
- **Durable & Weatherproof Construction:** Made from heavy-duty die-cast aluminum alloy, ensuring strength and anti-rust properties. IP65 rated for excellent performance in various weather conditions, including rain, sleet, and snow.

REAL WEATHER & TAMPER RESISTANT GFCI OUTLET

Weather Resistant
WEATHER-RESISTANT RECEPTACLES ARE FOR EXTRA STRONG USE IN OUTDOOR LOCATION

Tamper Resistant
PROTECTS CHILDREN, SHUTTERS SYSTEM PREVENT IMPROPER INSERTION OF FOREIGN OBJECTS

OTHER GFCI OUTLET WITHOUT WR & TR CERTIFIED NOT DURABLE & UNSAFE

ETL LISTED US

NOTE:
PLEASE PRESS THE "TEST" BUTTON ONCE AND THEN PRESS THE "RESET" BUTTON ONCE TO ACTIVATE THE OUTLET AFTER INSTALLATION

Image: A detailed view of the GFCI outlet on the Ehaho Porch Light, emphasizing its weather-resistant (WR) and tamper-resistant (TR) design for enhanced safety and durability.

THE DOWNWARD DESIGNED OUTLETS ARE SAFER FROM RAIN

VS

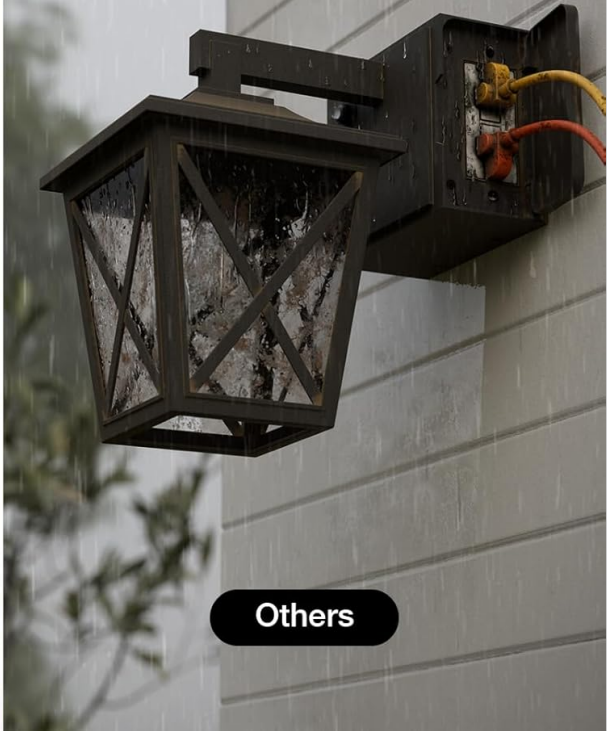
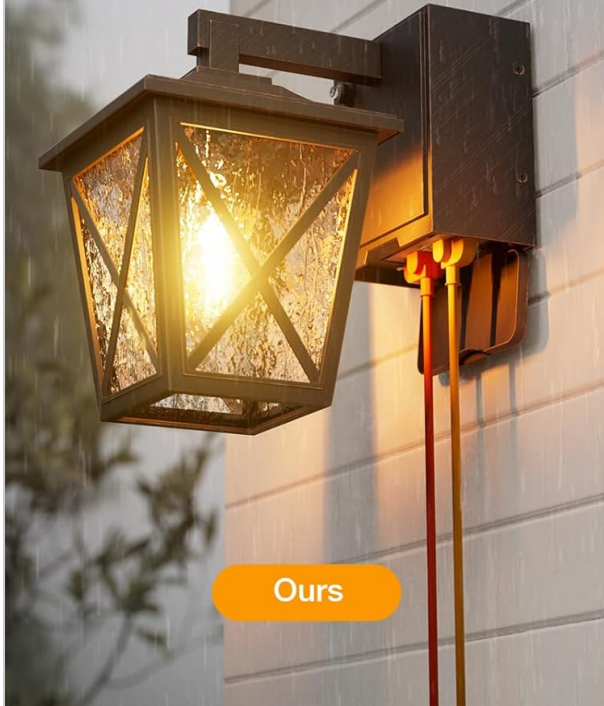


Image: This image compares the downward-designed GFCI outlets of the Ehaho Porch Light with other designs, showing how the downward orientation offers superior protection against rain.

ELEGANT & DURABLE ALUMINUM DESIGN

IP65 Waterproof



Image: The Ehaho Porch Light is presented with its elegant and durable aluminum design, emphasizing its IP65 waterproof rating and resilience against various weather conditions like rain, rust, sun, and snow.

6. MAINTENANCE

- **Cleaning:** To clean the fixture, ensure power is off. Wipe with a soft, damp cloth. Avoid abrasive cleaners that may damage the finish or glass. The open design facilitates easy access for cleaning and bulb replacement.
- **GFCI Testing:** Regularly test the GFCI outlet (monthly recommended) by pressing the "TEST" button. The "RESET" button should pop out, indicating the circuit has tripped. Press "RESET" to restore power. If it does not trip or reset, the GFCI may be faulty and should be replaced.

7. TROUBLESHOOTING

- **Light not turning on/off automatically:**
 - Ensure the photocell sensor is not obstructed by dirt, debris, or external light sources.
 - If you desire manual control, ensure the silicone cap is properly covering the sensor.
- **GFCI Outlet not providing power:**

- Press the "RESET" button on the GFCI outlet. If it doesn't reset, press the "TEST" button first, then "RESET".
 - Check your main circuit breaker to ensure power is supplied to the fixture.
 - Ensure the connected device is not drawing more than the maximum load (1800W) or current (15A).
- **Light not working at all:**
 - Check the bulb to ensure it is screwed in tightly and is not burnt out.
 - Verify that the main power supply to the fixture is on at the circuit breaker.
 - Inspect wiring connections for any loose or disconnected wires (ensure power is off before inspecting).

8. SPECIFICATIONS

Specification	Detail
Brand	Ehaho
Model Number	EH-BD03-LS-1-BR-W
Color	Bronze
Material	Aluminum, Iron, Tempered Glass
Style	Classic
Light Fixture Form	Sconce
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Special Features	Waterproof, GFCI Outlet, Dusk to Dawn Sensor
Light Source	LED (compatible with various E26 bulbs)
Voltage	120 Volts
Wattage	60 watts (max)
Bulb Base	E26
Water Resistance Level	Waterproof (IP65)
Brightness	800 lumen
Item Dimensions L x W x H	6.5"L x 10.6"W x 9.8"H
GFCI Outlet Max Current	15A
GFCI Outlet Max Load	1800W

9. WARRANTY & SUPPORT

Manufacturer Warranty: No specific manufacturer warranty information is provided for this product. For further assistance or inquiries, please refer to the contact information provided with your purchase or visit the official Ehaho store on Amazon: [Ehaho Store](#)