

RX0509HWD3259

Generic Steel Safe Fixture Security Lamp Integrated LED Motion Sensor Outdoor Wall Light Instruction Manual

Model: RX0509HWD3259

1. INTRODUCTION

Thank you for choosing the Generic Steel Safe Fixture Security Lamp. This integrated LED outdoor wall light features a modern arch design with a PIR motion sensor, providing efficient and reliable illumination for your porch, garden, front door, backyard, or patio. This manual provides essential information for safe installation, operation, and maintenance of your new lighting fixture.



Figure 1: The Generic Integrated LED Motion Sensor Outdoor Wall Light, showcasing its modern arch design and illumination.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Power Disconnection:** Always ensure the power supply is turned off at the main circuit breaker before attempting any installation, maintenance, repair, or cleaning.
- **Professional Installation:** Installation should be performed by a qualified electrician or competent person in accordance with all local electrical codes and regulations.
- **Secure Connections:** Ensure all electrical connections are tightened securely to prevent loosening or leakage.
- **Voltage Compatibility:** Verify that the supply voltage is compatible with the fixture's requirements.
- **Outdoor Use:** This fixture is designed for outdoor use and is weatherproof (IP54 rated). However, avoid submerging it in water.
- **No User-Serviceable Parts:** The integrated LED light source is not user-replaceable. Do not attempt to disassemble the fixture.

3. PRODUCT OVERVIEW

The security lamp features a durable aluminum alloy body with a powder-coated finish, ensuring longevity and resistance to outdoor elements. It incorporates an integrated LED light source and a PIR (Passive Infrared) motion sensor for automatic operation.

3.1 Dimensions



Figure 2: Product dimensions, indicating a length of 290mm, a height of 100mm, and a depth of 60mm.

3.2 Key Components

- **Aluminum Shell:** High-quality, integrally die-cast aluminum body with plastic powder spraying process for enhanced durability and weather resistance.
- **Integrated LED:** Energy-efficient light source providing bright illumination.
- **PIR Motion Sensor:** Detects movement to automatically activate the light.



Radar Sensing

Intelligent Induction, Lights Up When People Come,
And Turns Off When People Leave, Saving Power

Figure 3: Close-up view of the integrated PIR motion sensor, responsible for detecting movement.

4. SETUP AND INSTALLATION

The following steps outline the general installation process. It is recommended to consult a qualified electrician for installation.

- 1. Prepare for Installation:** Turn off the main power supply to the installation area at the circuit breaker.
- 2. Unpack Contents:** Carefully remove the LED wall lamp and mounting accessories from the package.
- 3. Mounting Location:** Choose a suitable outdoor location on a wall, ensuring it is within reach of electrical wiring and provides optimal coverage for the motion sensor.
- 4. Secure Mounting Bracket:** Attach the mounting bracket to the wall using the provided screws and anchors. Ensure it is firmly secured.
- 5. Electrical Connections:** Connect the household electrical wires to the fixture's wires according to local electrical codes (typically live to live, neutral to neutral, and ground to ground). Ensure all connections are tight and insulated.
- 6. Attach Fixture:** Carefully attach the lamp fixture to the mounting bracket, securing it with the provided screws. Ensure no wires are pinched.
- 7. Restore Power:** Once the fixture is securely installed and all connections are checked, restore power at the main circuit breaker.

Package Contents:

- 1 x LED wall lamp
- 1 x Mounting accessories (screws, anchors)

5. OPERATING INSTRUCTIONS

This outdoor wall light features an integrated PIR motion sensor with adjustable settings for customized operation.

5.1 Motion Sensor Functionality

The PIR motion sensor detects movement within its range, automatically turning on the light. The light will remain on for a set duration after motion is detected and will turn off when no further motion is sensed.

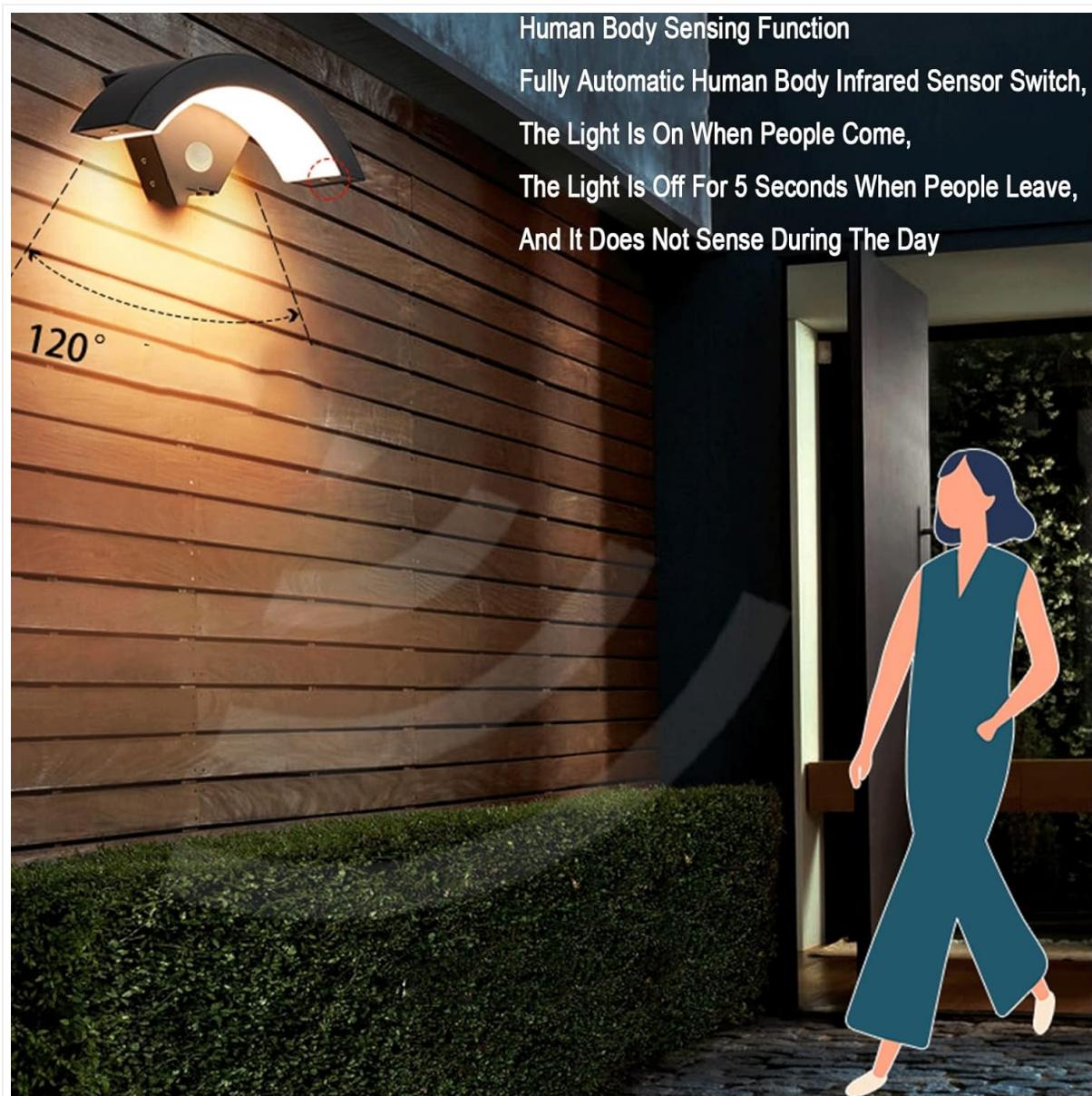


Figure 4: Illustration of the human body sensing function, where the light activates upon detecting a person's movement.

5.2 Adjustable Settings

The light comes with adjustable settings, typically located on the sensor unit itself (refer to the physical product for exact dial locations):

- **Illumination Time:** Adjust the duration the light stays on after motion detection. This can typically be set from 60 seconds to 10 minutes.

- **Daylight Sensor (LUX):** Controls the ambient light level at which the sensor becomes active. Set to 'sun' for day and night operation, or 'moon' for night-only operation.

5.3 Override Mode

To keep the light on constantly, regardless of motion, you can activate the override mode. This is typically done by switching the mains power switch OFF and ON twice within 2 seconds. The light will then remain on until the override mode is deactivated by cycling the power again.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security lamp.

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or electrical components.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose wiring, or wear. If any issues are found, disconnect power and consult a qualified electrician.
- **Weather Resistance:** The fixture is designed to be weatherproof (IP54 rated), offering protection against sun, rain, snow, and wind.



Figure 5: The fixture's weatherproof capabilities, including protection against sun, rain, snow, and wind.

7. TROUBLESHOOTING

If you encounter issues with your security lamp, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**

- Check if the main power supply is on.
- Verify all electrical connections are secure.
- Ensure the daylight sensor (LUX setting) is not set too high for current ambient light conditions.
- Test the motion sensor by walking in its detection range.

- **Light Stays On Constantly:**

- Check if the override mode is accidentally activated (cycle power OFF/ON).
- Ensure the motion sensor is not obstructed or detecting constant movement (e.g., swaying branches, pets).
- Adjust the illumination time setting if it is set to maximum.

- **Motion Sensor Not Detecting:**

- Ensure the sensor lens is clean and free from obstructions.
- Adjust the sensor's position or sensitivity if possible (refer to product for specific adjustments).
- Check the daylight sensor (LUX) setting; if set to 'moon', it will not detect during the day.

If problems persist after troubleshooting, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	RX0509HWD3259
Brand	Generic
Color	White Light
Material	Aluminum
Finish Type	Powder Coated
Type of Bulb	LED (Integrated)
Wattage	24W (for this model)
Luminous Flux	3 Lumen (Note: This value seems unusually low and may be a typo in source data. Typically LED lights have higher lumen output.)
Incandescent Equivalent	60W
Color Temperature	6000 Kelvin (White Light)
Motion Sensor	PIR (Passive Infrared)

Feature	Specification
Weatherproof Rating	IP54
Adjustable Illumination Time	60 seconds - 10 minutes
Batteries Required	No
Item Weight	840 Grams
Package Dimensions	29 x 10 x 9 cm

9. WARRANTY AND SUPPORT

Your satisfaction is our priority. We are committed to providing quality products and excellent customer service.

- **After-Sale Team:** A professional team is available to address any questions or concerns regarding the product.
- **Contact Support:** If you have any questions or require assistance, please contact our support team. We aim to provide 24-hour online support.