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› Lithonia Lighting HomeGuard LED Outdoor Flood Light Instruction Manual

Lithonia Lighting HGX LED 2RH ALO SWW2 120 PIR DDB M2

Lithonia Lighting HomeGuard LED Outdoor Flood Light Instruction Manual

Model: HGX LED 2RH ALO SWW2 120 PIR DDB M2

1. INTRODUCTION

The Lithonia Lighting HomeGuard LED Security Light is a comprehensive motion-activated floodlighting solution designed for residential applications. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new flood light.

It features two round heads, a built-in PIR motion sensor, adjustable brightness levels (2150 lumens low, 2600 lumens high), and switchable white color temperatures (3000K, 4000K, and 5000K) to suit various lighting needs. The integrated motion sensor and adjustable photocell enhance both security and energy efficiency.

2. IMPORTANT SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. All wiring connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, obtain the services of a qualified electrician.

- Ensure the power supply is turned OFF before installation.
- This product is rated for wet locations (IP65) and operates in temperatures as low as -40°C.
- Mount the unit directly to a standard 4x4 junction box.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Consult a qualified electrician if you have any doubts about the installation process.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- HomeGuard LED 2-Light Flood Light Fixture
- Crossbar
- Installation Hardware (screws, wire nuts)



Figure 3.1: Lithonia Lighting HomeGuard LED Flood Light, Dark Bronze. This image shows the main product unit with its two adjustable round heads and central base.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your HomeGuard LED Flood Light:

1. **Prepare the Installation Area:** Ensure power is disconnected at the circuit breaker. The fixture is designed for wall mounting to a standard 4x4 junction box.
2. **Install Mounting Bracket:** Attach the provided crossbar mounting bracket to the junction box using the two mounting screws. Ensure it is securely fastened.

Your browser does not support the video tag.

Video 4.1: HomeGuard LED Installation Guide. This video demonstrates the step-by-step process of installing the Lithonia Lighting HomeGuard LED flood light, including mounting the bracket and making electrical connections.

3. **Make Wire Connections:** Use wire nuts to connect the fixture wires to the house supply wires (black to black, white to white, ground to ground). Ensure all connections are tight and secure.
4. **Mount the Fixture:** Align the flood light fixture over the junction box and secure it to the mounting bracket by tightening the center screw.
5. **Seal for Moisture:** Insert the rubber plug into the center hole of the fixture for a moisture seal. Apply silicone caulking around the perimeter of the fixture back where it contacts the mounting surface to prevent water intrusion.



Figure 4.2: Detailed view of the control dials on the HomeGuard LED flood light. These dials allow for adjustment of lumens, color temperature, motion sensitivity, and operating mode.

5. OPERATING INSTRUCTIONS

Your HomeGuard LED Flood Light offers several adjustable settings for optimal performance:

- **Adjustable Lumens:** The fixture provides two brightness levels: 2150 lumens (low) and 2600 lumens (high). Adjust the DIM dial to select your desired brightness.
- **Switchable Color Temperature (CCT):** Choose between 3000K (warm white), 4000K (cool white), and 5000K (daylight) by rotating the CCT dial.

Color Temperature Guide



Figure 5.1: Visual guide to different color temperatures. This image illustrates the appearance of light at various Kelvin temperatures, from soft white to daylight.

- **Dusk-to-Dawn Sensor:** The integrated photocell automatically turns the light on at dusk and off at dawn. The sensitivity of this sensor can be adjusted using the DAYLIGHT SENSOR dial. You can also turn it off for daytime operation or set it for dusk-to-dawn only.
- **Motion Sensor:** The built-in PIR motion sensor activates the lights when motion is detected.
 - **Motion Sensitivity:** Adjust the MOTION dial to control the sensor's sensitivity.
 - **On-Time Modes:** Select from three modes using the MODE dial: Test, 1 minute, or 5 minutes on time.
- **Adjustable Heads:** The two round heads can be adjusted without tools for precise aiming of the light.

Integrated Motion Sensor & Accent Light



Integrated Motion Sensor & Accent Light

3000K Warm White

4000K Cool White

5000K Daylight



Figure 5.2: Graphic highlighting the integrated motion sensor and accent light feature, along with switchable color temperatures and lumens.

Your browser does not support the video tag.

Video 5.3: Lithonia Lighting HGX Features Overview. This video provides a detailed look at the various features of the HGX LED flood light, including adjustable lumens, color temperature, and motion sensing capabilities.

6. MAINTENANCE

The HomeGuard LED Flood Light is designed for low maintenance. To ensure optimal performance and longevity:

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.
- **LEDs:** The integrated LED light source is designed for long life and does not require replacement.

7. TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; faulty wiring; sensor malfunction.	Check circuit breaker/fuse. Verify wire connections. Ensure photocell is not blocked or set to daytime operation.
Light stays on continuously.	Photocell set incorrectly or faulty; motion sensor continuously triggered.	Adjust DAYLIGHT SENSOR dial. Check for constant motion in sensor's range. Adjust MOTION sensitivity.
Light flickers or dims.	Loose wiring connection; power fluctuation.	Check all wire nuts and connections. Consult an electrician if power fluctuations are suspected.
Motion sensor not detecting.	Sensor blocked; sensitivity too low; incorrect mode.	Clear obstructions from sensor. Increase MOTION sensitivity. Ensure MODE is not set to 'Test' or 'Off'.

For further assistance, refer to the official Troubleshooting Guide (PDF) available on the product page or contact customer support.

[Download Troubleshooting Guide \(PDF\)](#)

8. SPECIFICATIONS

Feature	Detail
Brand	Lithonia Lighting
Model Name	HomeGuard
Model Number	HGX LED 2RH ALO SWW2 120 PIR DDB M2
Color	Dark Bronze
Material	Aluminum
Style	2150-2600 Lumens
Light Fixture Form	Floodlight
Product Dimensions	4.96"L x 7.52"W x 4.53"H
Power Source	Corded Electric
Voltage	120 Volts
Wattage	26 watts
Special Features	Motion-Sensor, Dawn-To-Dusk
Light Color	Adjustable White (3000K, 4000K, 5000K)

Feature	Detail
Motion Detection Angle	180-Degree
Motion Detection Range	40 feet
Water Resistance Level	IP65 (Wet Locations)
Operating Temperature	-40°C to 40°C
Mounting Type	Wall Mount (4x4 junction box)



Figure 8.1: Dimensional drawing of the HomeGuard LED flood light, showing key measurements for installation planning.

9. WARRANTY

This Lithonia Lighting HomeGuard LED Flood Light is backed by a **5-year limited warranty**. For detailed warranty information and claims, please refer to the official warranty document or contact Lithonia Lighting customer support.

10. CUSTOMER SUPPORT

For technical assistance, replacement parts, or warranty inquiries, please visit the Lithonia Lighting website or contact their customer service department.

- **Lithonia Lighting Website:** [Visit Store](#)
- **Installation Manual (PDF):** [Download Manual](#)
- **Instructions for Use (IFU) (PDF):** [Download IFU](#)

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