

Lithonia Lighting HGX LED 2RH 40K 120 M2

Lithonia Lighting HomeGuard HGX LED 2RH Outdoor Flood Light Instruction Manual

Model: HGX LED 2RH 40K 120 M2

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Lithonia Lighting HomeGuard HGX LED 2RH Outdoor Flood Light. Please read this manual thoroughly before installation and retain it for future reference. This product is designed to provide reliable and energy-efficient outdoor lighting for residential applications.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC). Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.

CAUTION: Risk of fire. Do not install near combustible materials. Ensure proper grounding. This fixture is rated for wet locations and operates in temperatures as low as -40°C.

- Always turn off power at the circuit breaker before beginning installation.
- Wear safety glasses and gloves during installation.
- Ensure the mounting surface can support the weight of the fixture.
- Do not attempt to modify the fixture.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Lithonia Lighting HomeGuard HGX LED 2RH Flood Light Fixture
- Mounting Crossbar
- Installation Hardware (screws, wire nuts)
- Instruction Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Model Number	HGX LED 2RH 40K 120 DDB M2
Light Output	2750 Lumens
Color Temperature	4000K Cool White
Power Source	Corded Electric
Voltage	120 Volts
Wattage	25 Watts
Material	Die-cast Aluminum
Finish	Powder Coated Dark Bronze
Dimensions (L x W x H)	8.5" x 3.8" x 4.3"
Mounting Type	Wall or Ceiling Mount
Environmental Rating	IP65, Wet Location Listed
Operating Temperature	-40°C to 40°C
Special Features	Dimmable (with compatible dimmer), Tool-less Adjustable Heads

The fixture is designed for durability, featuring rugged die-cast aluminum construction and integrated visors for reduced glare.



Figure 1: Product Dimensions

5. INSTALLATION

This flood light can be mounted on a wall or ceiling to a standard 4x4 junction box. Follow these steps for proper installation:

1. **Prepare for Installation:** Turn off power at the circuit breaker. Ensure the junction box is securely installed and properly grounded.
2. **Install Mounting Bracket:** Attach the provided mounting crossbar to the junction box using two mounting screws. Ensure it is oriented correctly for your desired fixture alignment.

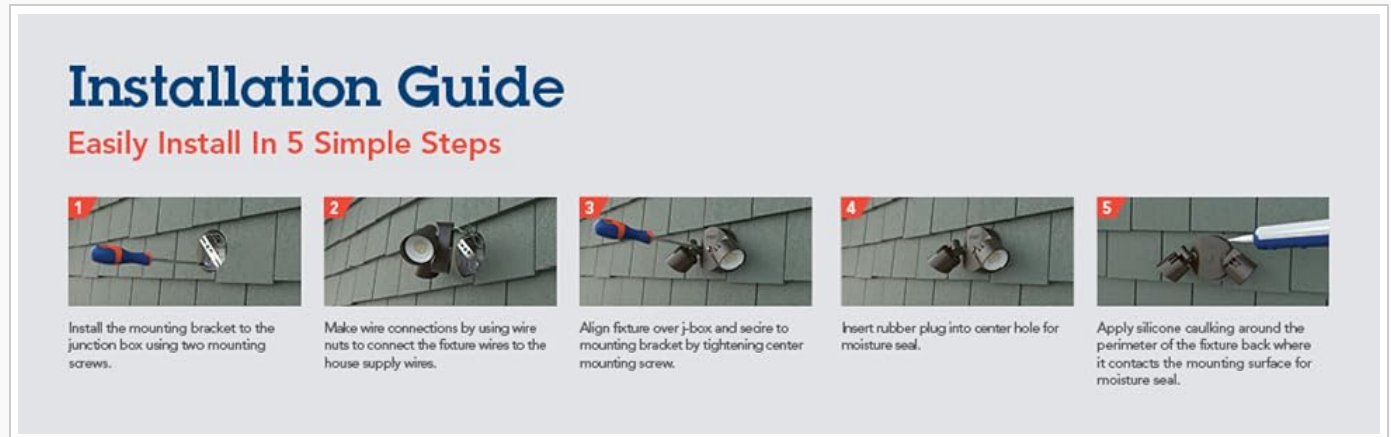


Figure 2: Visual Installation Steps

3. **Make Wire Connections:** Connect the fixture wires to the house supply wires using the provided wire nuts. Connect black to black (live), white to white (neutral), and green/bare copper to green/bare copper (ground). Ensure all connections are secure.
4. **Mount the Fixture:** Align the fixture over the junction box and secure it to the mounting bracket by tightening the center mounting screw.
5. **Seal for Moisture:** Insert the rubber plug into the center hole for a moisture seal. Apply silicone caulk around the perimeter of the fixture back where it contacts the mounting surface to prevent water intrusion.
6. **Adjust Light Heads:** The light heads can be adjusted without tools for precise aiming. Rotate and tilt the heads to direct light as needed.

HGX HomeGuard LED Security Lights



Easy, tool-less aiming, putting
light where it is needed.



Figure 3: Tool-less Adjustable Heads



Figure 4: Example of Eave Installation

6. OPERATION

Once installed and power is restored, the Lithonia Lighting HomeGuard flood light will operate as a standard outdoor light. This model does not include a sensor, meaning it will turn on and off with the connected wall switch or external timer.

- **Power On/Off:** Control the light using the wall switch connected to the fixture's power supply.
- **Light Direction:** Adjust the individual light heads manually to direct the 2750 lumens of 4000K cool white light to your desired areas, such as driveways, patios, or entryways.
- **Dimming:** This fixture is dimmable. If connected to a compatible dimmer switch, you can adjust the brightness level. Ensure the dimmer switch is rated for LED lighting.

7. MAINTENANCE

The Lithonia Lighting HomeGuard flood light is designed for minimal maintenance. Regular cleaning can help maintain optimal performance and appearance.

- **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:** Annually inspect the fixture for any signs of damage, loose wiring, or wear. Ensure all mounting screws are tight.
- **LED Longevity:** The integrated LED lights are designed for long life and do not require bulb replacement. If the LEDs fail, the entire fixture must be replaced.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Light does not turn on	No power to the fixture, loose wiring, faulty switch.	Check circuit breaker. Verify all wire connections are secure. Test the wall switch.
Light flickers	Loose wiring, incompatible dimmer switch, power fluctuations.	Check wire connections. Ensure dimmer is LED compatible. Consult an electrician if flickering persists.
Reduced light output	Dirt or debris on light heads.	Clean the light heads with a soft, damp cloth.

If these steps do not resolve the issue, contact customer support or a qualified electrician.

9. WARRANTY AND SUPPORT

The Lithonia Lighting HomeGuard HGX LED 2RH Outdoor Flood Light is backed by a**5-year limited manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact Lithonia Lighting customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Acuity Brands

Website: [Visit the Lithonia Lighting Store on Amazon](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

