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Home Zone 64321

Home Zone LED Outdoor Security Floodlight

MODEL: 64321 (2137 LUMENS)

Introduction

Thank you for choosing the Home Zone LED Outdoor Security Floodlight. This manual provides essential information for the safe installation, operation, and maintenance of your new floodlight. Please read these instructions thoroughly before installation and retain them for future reference.

Safety Information

Always follow basic safety precautions when installing and operating electrical equipment. Failure to do so may result in fire, electrical shock, serious injury, or property damage.

- **Disconnect Power:** Always turn off power at the circuit breaker or fuse box before installation, servicing, or changing any components.
- **Qualified Electrician:** If you are unsure about wiring or electrical connections, consult a qualified electrician.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Outdoor Use Only:** This floodlight is designed for outdoor use in wet locations. Do not install indoors.
- **Voltage:** Ensure the power supply voltage is compatible with the fixture (120 Volts).
- **Avoid Direct Eye Exposure:** Do not stare directly into the LED light source when illuminated, as it can cause eye strain or damage.

Package Contents

Verify that all components are present before beginning installation:

- LED Outdoor Security Floodlight Fixture
- Mounting Hardware (screws, wire nuts, mounting plate/adapter)
- Bulb (integrated LED, not replaceable)

Product Features

- **Super Bright Illumination:** Provides 2137 Lumens (2200 Lumens max) of bright white light (5600 Kelvin).
- **180-Degree Motion Sensor:** Wide detection angle for comprehensive coverage.
- **Adjustable Detection Range:** Motion sensor detects movement up to 32.8 feet forward.
- **Dusk-to-Dawn Sensor:** Automatically turns the light on at dusk and off at dawn.
- **Timer Control:** Adjustable duration for how long the light stays on after motion detection.
- **Manual Override Function:** Allows the light to be kept on continuously when desired.
- **Durable Construction:** Made with aluminum and plastic components, designed for outdoor use.

Installation

This floodlight is designed for wall-mount installation. Ensure the mounting surface is sturdy and can support the fixture's weight.

1. **Turn Off Power:** Before starting, turn off the power to the junction box at the circuit breaker.
2. **Prepare Mounting Surface:** If replacing an existing fixture, remove it. Ensure the junction box is clean and accessible.
3. **Install Mounting Plate:** Attach the provided mounting plate or adapter to the junction box using the screws. Ensure it is securely fastened. For wood surfaces, pre-drill holes if necessary.
4. **Wire Connections:** Connect the floodlight's wires to your household wiring. Typically, this involves connecting:
 - Black (Live) wire from fixture to Black (Live) wire from junction box.
 - White (Neutral) wire from fixture to White (Neutral) wire from junction box.
 - Green or Bare Copper (Ground) wire from fixture to Green or Bare Copper (Ground) wire from junction box.Secure connections with wire nuts and ensure no bare wire is exposed.

5. **Mount Fixture:** Carefully align the floodlight fixture with the mounting plate and secure it using the provided screws or nuts. Ensure the fixture is flush against the mounting surface to prevent water intrusion.
6. **Adjust Light Heads and Sensor:** Once mounted, adjust the light heads to direct illumination as needed. Position the motion sensor for optimal detection coverage.
7. **Restore Power:** Turn the power back on at the circuit breaker.



This image shows the front view of the Home Zone LED Outdoor Security Floodlight. It features two adjustable LED light heads and a central motion sensor, all in a white finish.

Operation

The floodlight operates based on its integrated dusk-to-dawn and motion sensors.

- **Automatic Mode:** In normal operation, the light will activate when motion is detected during nighttime hours. It will turn off after a set delay if no further motion is detected. To ensure automatic mode, ensure the light has been off for at least 2 minutes before turning it on.
- **Manual Override:** To keep the light on continuously, quickly turn the light switch OFF then ON within 2 seconds. The light will remain on until the switch is turned OFF again. To return to automatic mode, turn the light switch OFF, wait for at least 2 minutes, then turn it ON.

Settings and Adjustments

The motion sensor unit typically has adjustable dials for sensitivity (LUX), time duration (TIME), and detection range (SENS).

- **LUX (Light Sensitivity):** Adjust this dial to control at what ambient light level the sensor becomes active. Turn towards the 'sun' icon for activation during brighter conditions (day and night), or towards the 'moon' icon for activation only in darker conditions (night only).
- **TIME (Duration):** Adjust this dial to set how long the light remains on after motion is detected and no further motion is sensed. Common settings range from a few seconds to several minutes.
- **SENS (Motion Sensitivity/Range):** Adjust this dial to control the motion sensor's detection range. Turning it up increases the range (up to 32.8 feet), while turning it down reduces it. Test different

settings to find the optimal coverage for your area.

Maintenance

The Home Zone LED Outdoor Security Floodlight requires minimal maintenance.

- Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or sensor.
- LEDs:** The LED light source is integrated and designed for long life. It is not user-replaceable.
- Sensor:** Keep the motion sensor lens clear of dirt, dust, and obstructions to ensure proper operation.

Troubleshooting

If your floodlight is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	No power to the fixture. LUX setting too high (towards 'sun'). Motion sensor obstructed or misaligned. Faulty sensor.	Check circuit breaker. Adjust LUX setting towards 'moon'. Clear obstructions and adjust sensor direction. Contact customer support if sensor is faulty.
Light stays on continuously.	Manual override activated. Constant motion in detection zone. TIME setting too long. Power cycling issue.	Turn light switch OFF, wait 2 minutes, then turn ON to reset to automatic mode. Adjust sensor direction or SENS setting. Reduce TIME setting. Ensure power supply is stable.
Light flashes or flickers.	Loose wiring connection. Unstable power supply.	Turn off power and check wiring connections. Consult an electrician to check power supply.

Specifications

Brand:	Home Zone
Model Number:	64321
Brightness:	2137 Lumens (2200 Lumens Max)
Light Color:	White (5600 Kelvin)
Power Source:	Home Electric
Voltage:	120 Volts
Wattage:	25 Watts
Material:	Aluminum, Plastic

Dimensions (Product):	9 x 9 x 7 inches
Item Weight:	1.2 Pounds
Installation Type:	Wall Mount
Indoor/Outdoor Usage:	Outdoor Only
Special Feature:	Dusk-To-Dawn, Motion Activated

Warranty and Support

This Home Zone LED Outdoor Security Floodlight is covered by a **5-Year Limited Manufacturer**

Warranty. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or further assistance, please contact Home Zone customer service.

Keep your purchase receipt as proof of purchase.