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Globe Electric HZ-4133-SV

Globe Electric Heath Zenith HZ-4133-SV Motion Sensing Security Light User Manual

Model: HZ-4133-SV

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Globe Electric Heath Zenith HZ-4133-SV Motion Sensing Security Light. This outdoor wall-mounted fixture is designed to provide enhanced security and convenience with its integrated motion sensor. Please read these instructions carefully before installation and retain them for future reference.





Image 1.1: The Globe Electric Heath Zenith HZ-4133-SV Motion Sensing Security Light in silver finish.

2. 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 electrical codes. If you are unsure about wiring, consult a qualified electrician.

- Do not install this fixture on a dimmer switch.
- Ensure the power supply is 120V AC, 60Hz.
- Use only incandescent bulbs as specified. Do not exceed the maximum wattage.
- This product is intended for outdoor use and is weather resistant.
- Keep the motion sensor clear of obstructions to ensure proper function.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Motion Sensing Security Light Fixture (Model HZ-4133-SV)
- 1 x Mounting Hardware Kit (screws, wire nuts)
- 1 x User Manual

Note: One 60-watt max medium base incandescent bulb is **not included** and must be purchased separately.

4. SPECIFICATIONS

Feature	Specification
Model Number	HZ-4133-SV (also known as SL-4133-SV)
Brand	Globe Electric / Heath Zenith
Detection Angle	150 degrees
Detection Range	Up to 30 feet (9.1 meters)
Power Source	Corded Electric
Voltage	120 Volts
Bulb Type	Incandescent (medium base, E26)
Max Wattage	60 watts
Material	Metal construction with clear glass
Finish	Silver, weather resistant
Dimensions (L x W x H)	6.6" x 4.4" x 11.1" (16.8 cm x 11.2 cm x 28.2 cm)
Item Weight	2.7 Pounds (1.22 kg)
Water Resistance	Water Resistant



Image 4.1: Detailed dimensions of the HZ-4133-SV security light.

5. INSTALLATION (SETUP)

Before you begin: Ensure the power to the electrical box is turned OFF at the circuit breaker or fuse box. Failure to do so may result in serious injury or death.

1. **Prepare Wiring:** Carefully pull the electrical wires from the wall junction box.
2. **Mounting Bracket:** Attach the mounting bracket (if not pre-attached to the fixture) to the junction box using the provided screws. Ensure it is securely fastened.
3. **Wire Connections:** Connect the fixture's wires to your household wiring using the provided wire nuts. Match the wires as follows:
 - Black (Hot) to Black (Hot)
 - White (Neutral) to White (Neutral)
 - Green or Bare Copper (Ground) to Green or Bare Copper (Ground)Ensure all connections are tight and secure.
4. **Mount Fixture:** Carefully tuck the connected wires into the junction box. Align the fixture with the mounting bracket and secure it using the provided screws. Ensure the fixture is flush against the wall and sealed to prevent water entry.
5. **Install Bulb:** Unscrew the bottom of the lantern or open the access panel (depending on design) and carefully screw in one 60-watt max medium base (E26) incandescent bulb. Do not overtighten.
6. **Restore Power:** Turn the power back ON at the circuit breaker.

6. OPERATION

Your motion sensing security light is designed to automatically turn on when motion is detected within its range and turn off after a set period.

- **Motion Detection:** The sensor detects motion up to 30 feet away within a 150-degree field of view. For optimal performance, ensure the sensor is not obstructed and is aimed towards the desired detection area.
- **Adjusting Sensitivity:** The motion sensor typically has an adjustment dial (often located on the underside of the sensor head) to control sensitivity. Turn the dial to adjust how easily the sensor triggers. Lower sensitivity may be required in high-traffic areas to prevent false triggers.
- **Time Adjustment:** A separate dial or switch usually controls how long the light stays on after motion is detected. Common settings include 1, 5, or 10 minutes. Adjust this to your preference.
- **Manual Override:** This fixture includes a manual override feature. To keep the light on continuously, quickly flip your wall switch OFF and then ON within 2 seconds. The light will remain on until you flip the switch OFF and then ON again, returning it to motion-sensing mode.

7. MAINTENANCE

- **Cleaning:** Clean the fixture periodically with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or glass. Ensure the sensor lens is clean for proper operation.
- **Bulb Replacement:** Disconnect power at the circuit breaker before replacing the bulb. Allow the bulb to cool completely. Unscrew the old bulb and replace it with a new 60-watt max medium base (E26) incandescent bulb.
- **Weather Resistance:** While weather resistant, regular inspection for any signs of wear or damage to seals

can help prolong the life of the fixture.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty bulb; sensor obstructed; incorrect wiring.	Check circuit breaker. Replace bulb. Clear sensor. Verify wiring connections.
Light stays on continuously.	Manual override activated; constant motion detected; sensor malfunction.	Toggle wall switch OFF/ON to reset. Adjust sensor sensitivity. Ensure no constant heat sources are in detection zone.
Light turns on too frequently (over-sensitive).	Sensor sensitivity too high; environmental factors (wind, small animals).	Adjust sensor sensitivity dial to a lower setting. Reposition sensor if possible to avoid unwanted triggers.
Light turns on during the day.	Photocell malfunction; sensor aimed at reflective surface.	Ensure the photocell (small clear dome on sensor) is not obstructed. Reposition sensor if reflecting light.

9. WARRANTY AND SUPPORT

This Globe Electric Heath Zenith HZ-4133-SV Motion Sensing Security Light comes with a **2-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or replacement parts, please contact Globe Electric customer service. Keep your proof of purchase for warranty validation.

Contact Information:

- Refer to the Globe Electric official website for the most current contact details.
- Online support resources may also be available.