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› [LEONLITE](#) /

› LEONLITE 28W LED Security Light with GFCI Outlets Instruction Manual (Model A-94962)

LEONLITE A-94962

LEONLITE 28W LED Security Light with GFCI Outlets Instruction Manual

Brand: LEONLITE | Model: A-94962

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the LEONLITE 28W LED Security Light with GFCI Outlets. This product is designed to provide reliable outdoor illumination with enhanced functionality, featuring motion sensing, dusk-to-dawn operation, and integrated GFCI protected electrical outlets for convenient power access. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Turn off power at the fuse box or circuit breaker before installation. Only use on 120V/60Hz circuits.

- This product is rated for wet locations. Do NOT use where direct water exposure occurs, as this can lead to electric shocks.
- Do NOT use this product near any source of heat.
- Keep this product out of the reach of children under 3 years old.
- Ensure all wiring connections are secure and comply with local electrical codes.

3. PACKAGE CONTENTS

The LEONLITE 28W LED Security Light package includes:

- 1 x LED Security Light Fixture
- 1 x Mounting Hardware Kit (including mounting bracket, screws, and wire nuts)
- 1 x User Manual

4. PRODUCT FEATURES

- **Dual GFCI Outlets:** Two built-in Ground Fault Circuit Interrupter (GFCI) outlets provide safe and reliable power for outdoor tools and appliances, eliminating the need for additional wiring or wall outlets.
- **Two Lighting Modes:** Choose between Motion Sensor Mode (light activates at night when motion is detected) and Dusk to Dawn Mode (light remains on throughout the night and turns off automatically during the day).
- **Adjustable Illumination:** Features 2500 lumens brightness from 28W LED, with adjustable lamp heads and a motion sensor that can be positioned for optimal coverage.
- **Wide Detection Area:** The motion sensor offers a 150° detection angle and a sensing range of 13ft to 45ft, suitable for various yard sizes.
- **Configurable Delay:** Set the light to stay on for 30s, 60s, or 120s after motion is no longer detected.
- **Durable and Certified:** ETL certified for quality and safety standards, designed for wet locations.

5. SETUP AND INSTALLATION

Follow these steps for proper installation. It is recommended to have a qualified electrician perform the installation if you are unfamiliar with electrical wiring.

1. **Turn Off Power:** Before starting, ensure the power to the installation area is OFF at the circuit breaker.
2. **Prepare Mounting Surface:** Remove any existing fixture and ensure the electrical box is clear.
3. **Install Mounting Bracket:** Secure the provided mounting bracket to the electrical box using the screws.
4. **Wiring Connections:** Connect the fixture's wires to your household wiring:
 - Connect the **green** (ground) wire from the fixture to the **copper or green** ground wire from the electrical box.
 - Connect the **white** (neutral) wire from the fixture to the **white** neutral wire from the electrical box.
 - Connect the **black** (hot) wire from the fixture to the **black** hot wire from the electrical box.

Use the provided wire nuts to secure all connections.

5. **Attach Fixture:** Carefully push the wired connections into the electrical box and secure the light fixture to the mounting bracket.
6. **Adjust Lamp Heads and Sensor:** Adjust the two lamp heads and the motion sensor to your desired angles. The lamp heads are adjustable up to 320° horizontally and 120° vertically. The sensor is adjustable up to 170° horizontally and 140° vertically.
7. **Restore Power:** Turn the power back ON at the circuit breaker.
8. **Test GFCI Outlets:** After powering on, press the 'RESET' button on the GFCI outlets to activate them.

Press 'TEST' to ensure they trip, then 'RESET' to restore power.

Note: After the power is connected, the LED lamp will light up, press the 'RESET' button on the GFCI socket, the green indicator on the GFCI socket will light up, and plug in other electrical appliances to work.

Press the 'TEST' button, the 'RESET' button will spring up, and other electrical appliances will stop working. Press the 'RESET' button again to resume power work.

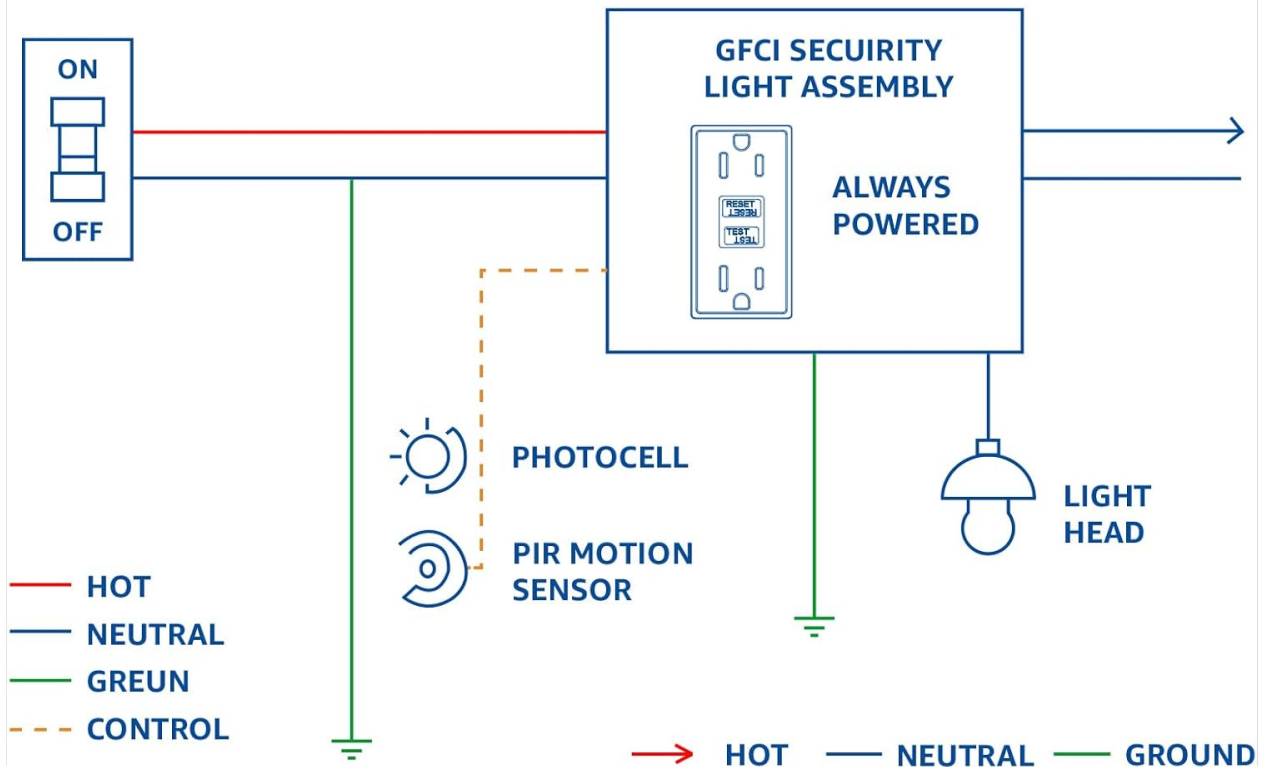


Image: Wiring diagram showing connections for hot, neutral, ground, and control wires to the GFCI security light assembly.



Image: Diagram illustrating the adjustable range of the two lamp heads (320° horizontal, 120° vertical) and the motion sensor (170° horizontal, 140° vertical).

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Video: An official product video demonstrating the installation process and key features of the LEONLITE 28W LED Security Light with GFCI Outlets.

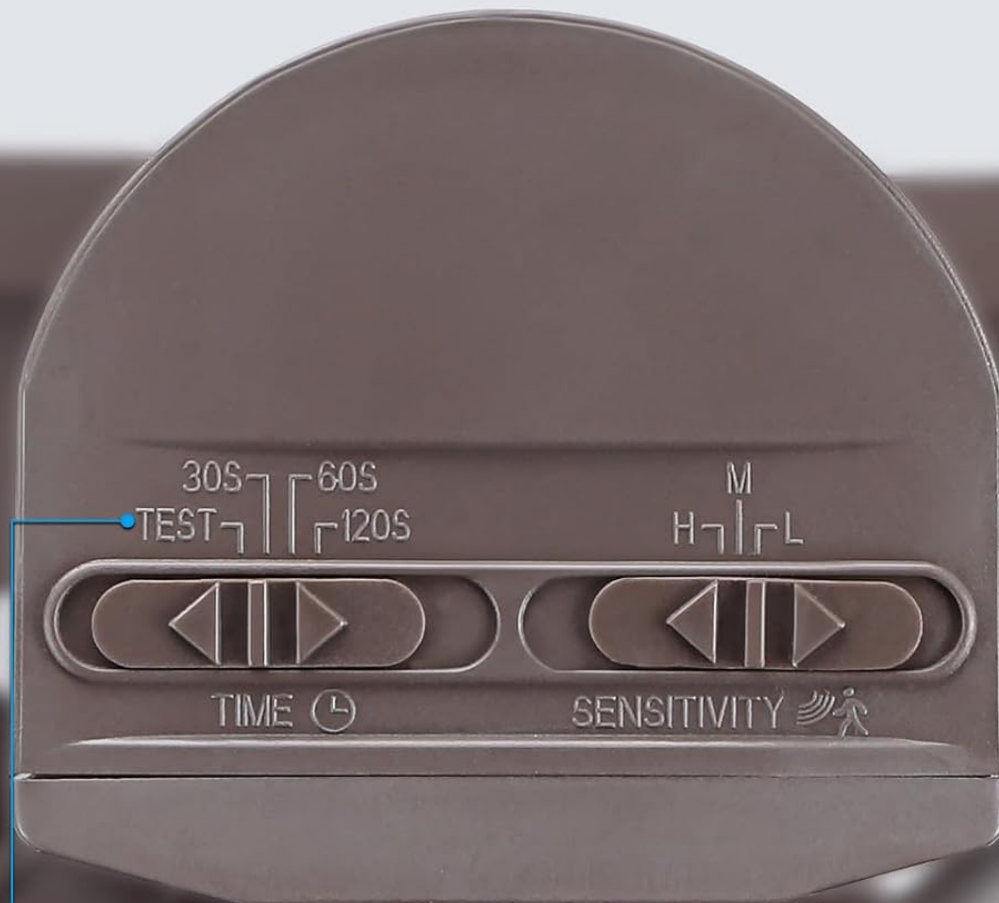
6. OPERATING INSTRUCTIONS

The security light offers two primary operating modes and adjustable settings for optimal performance.

Mode Selection

Use the control switches located on the bottom of the motion sensor to select your preferred mode and adjust settings.

Set lighting duration to 30S/60S/120S Set motion detection range from 13-45FT



D2D Mode:
Stays on all night, even when motion detected under D2D mode

Image: Close-up of the control switches for adjusting time delay (30s/60s/120s/TEST) and sensitivity (M/H/L) on the motion sensor.

- **Motion Sensor Mode:** The light remains off during the day. At night, it activates when motion is detected within its sensing range and angle.
- **Dusk to Dawn Mode (D2D):** The light remains on throughout the night, regardless of motion detection, and automatically turns off during the day.

Adjusting Settings

- **Time Delay:** Adjust the switch to set how long the light stays on after motion is no longer detected: 30s,

60s, or 120s. A 'TEST' mode is available for initial setup.

- **Sensitivity:** Adjust the switch to control the motion sensor's sensitivity (Low, Medium, High).

GFCI Outlets

The built-in GFCI outlets remain powered at all times as long as the main switch is on, regardless of the lighting mode or whether the light is on or off. Remember to press the 'RESET' button on the GFCI outlets after powering on to activate them.



Image: The LEONLITE security light illuminating a patio area at night, highlighting the convenience of the built-in GFCI outlets for powering outdoor appliances.

7. MAINTENANCE

- **Cleaning:** Clean the fixture regularly with a soft, damp cloth. Do NOT use abrasive cleaners or solvents.
- **GFCI Testing:** Test the GFCI outlets monthly by pressing the 'TEST' button. The outlet should trip, cutting off power. Press 'RESET' to restore power. If it does not trip, the GFCI may be faulty and should be replaced.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose wiring, or wear.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, incorrect wiring, sensor settings.	Check circuit breaker. Verify wiring connections. Adjust sensor to 'TEST' mode and cover the sensor to check functionality. Ensure sufficient darkness for night operation.
Light stays on constantly.	Dusk to Dawn mode selected, continuous motion, sensor malfunction.	Check if 'D2D' mode is selected. Ensure no continuous motion is within the sensor's range. Adjust sensor sensitivity or reposition.
GFCI outlets not working.	GFCI tripped, not reset.	Press the 'RESET' button on the GFCI outlets. If it repeatedly trips, consult an electrician.
Motion sensor not detecting.	Incorrect sensitivity, obstructed sensor, improper angle.	Adjust sensor sensitivity to 'High'. Clear any obstructions. Reposition the sensor for optimal coverage.

9. SPECIFICATIONS

Feature	Specification
Brand	LEONLITE
Model Number	A-94962
Color	Bronze
Wattage	28 Watts

Feature	Specification
Voltage	120 Volts
Brightness	2500 Lumens
Light Color	5000K Daylight (Cool White)
Material	Polycarbonate
Control Method	Motion Sensor & Manual (Toggle)
Sensing Angle	150°
Sensing Distance	Max 45ft (13ft to 45ft adjustable)
Water Resistance Level	Waterproof (Wet Location Rated)
Operating Temperature	-4°F to 104°F
Item Dimensions (L x W x H)	11.5" x 4.59" x 6.85"
Item Weight	2.2 Pounds
Certifications	ETL Listed

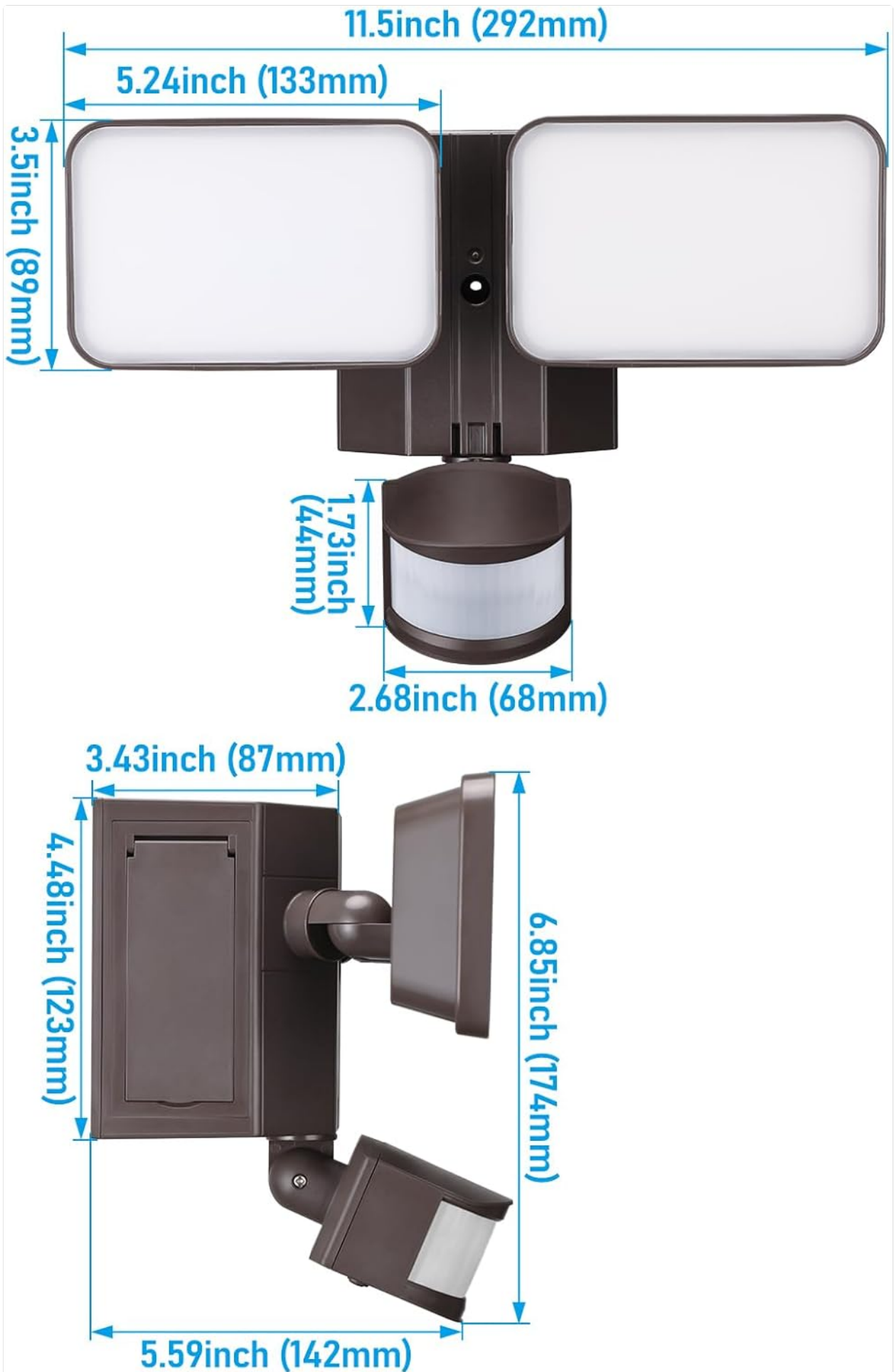


Image: Detailed dimensions of the LEONLITE 28W LED Security Light, including measurements for the light heads, sensor, and main body.

10. WARRANTY AND SUPPORT

This LEONLITE product comes with a generous 3-year warranty, ensuring top-notch quality and safety standards. For any support or warranty claims, please contact LEONLITE customer service through their official channels.