

Utilitech A911P-S350A-BZ-PK1

Utilitech 110-Degree 1-Head Bronze Solar Powered Integrated LED Motion-Activated Flood Light with Timer User Manual

Model: A911P-S350A-BZ-PK1

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Utilitech 110-Degree 1-Head Bronze Solar Powered Integrated LED Motion-Activated Flood Light with Timer. This solar-powered floodlight is designed for outdoor security lighting, offering a convenient and energy-efficient solution for illuminating areas such as front yards, backyards, gardens, pathways, and porches. It features an advanced amorphous solar panel for green energy utilization, a dusk-to-dawn sensor to prevent daytime illumination, and a selectable timer for 1 or 3 minutes of light duration.

SAFETY INFORMATION

Please read and understand all instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause property damage or personal injury.

- Ensure the solar panel is installed in a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal battery charging.
- Do not attempt to disassemble or modify the product. There are no user-serviceable parts inside except for battery replacement.
- Keep the solar panel and light fixture clean from dirt, snow, or debris to maintain charging efficiency and light output.
- This product is designed for outdoor use and is water-resistant. However, avoid submerging it in water.
- When replacing batteries, use only the specified type and rating (two 1000 mAh 18500 lithium phosphate solar rechargeable batteries).
- Dispose of old batteries according to local regulations.

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- 1x LED Flood Light Unit with Motion Sensor

- 1x Solar Panel with 20-ft Cord
- Mounting Hardware (screws, anchors)
- 2x 1000 mAh 18500 Lithium Phosphate Solar Rechargeable Batteries (pre-installed or included separately)



Image: The complete Utilitech solar flood light system, showing the LED light unit with motion sensor, the separate solar panel, and the connecting cord.

PRODUCT FEATURES

- **Solar Powered:** Easy installation without electrical wiring.
- **Motion-Activated:** 110-degree detection range up to 40 feet.
- **Integrated LED:** Maintenance-free LED technology with 350 lumens brightness and 5000K cool white light.
- **Dusk-to-Dawn Sensor:** Automatically prevents illumination during daylight hours.
- **Adjustable Timer:** Selectable light duration of 1 or 3 minutes.
- **Adjustable Lamp Head:** Allows for precise light direction.
- **Power Source:** Two 1000 mAh 18500 lithium phosphate solar rechargeable batteries (included).
- **Installation:** Suitable for wall and eave mount.
- **Cord Length:** 20-ft cord connecting the solar panel to the light unit.

SETUP AND INSTALLATION

Follow these steps for proper installation of your solar flood light.

1. **Choose a Location for the Solar Panel:** Select an outdoor location for the solar panel that receives at least 6-8 hours of direct sunlight daily. Avoid areas shaded by trees, buildings, or other obstructions. The 20-ft cord allows flexibility in placing the solar panel away from the light unit for optimal sun exposure.



Image: Close-up view of the solar panel with its mounting base and connecting cord.

2. **Mount the Solar Panel:** Use the provided mounting hardware to securely attach the solar panel to a wall or eave. Ensure the panel is angled to maximize sun exposure.
3. **Choose a Location for the Flood Light:** Select a desired location for the flood light unit. This can be a wall or eave. Consider the 110-degree motion detection range and the area you wish to illuminate.



Image: The Utilitech flood light unit, showing the LED light head and the motion sensor at the bottom.

4. **Mount the Flood Light:** Securely attach the flood light unit to the chosen surface using the appropriate mounting hardware.
5. **Connect the Solar Panel to the Light Unit:** Plug the 20-ft cord from the solar panel into the designated port on the flood light unit. Ensure a secure connection.



Image: An installed Utilitech solar flood light and solar panel on a wall, demonstrating the connection.

6. **Adjust the Lamp Head and Motion Sensor:** Loosen the adjustment screws on the lamp head and motion sensor to position them for optimal coverage. Tighten the screws once adjusted.
7. **Initial Charge:** Allow the solar panel to charge the batteries for at least 24-48 hours in direct sunlight before initial use to ensure full battery capacity.

OPERATING INSTRUCTIONS

Your Utilitech solar flood light is designed for automatic operation.

- **Automatic Operation:** The integrated dusk-to-dawn sensor will detect ambient light levels. The flood light will only activate when motion is detected during nighttime hours.
- **Motion Detection:** The motion sensor has a 110-degree detection angle and can detect movement up to 40 feet away. Position the sensor to cover the desired area.
- **Timer Setting:** Locate the timer switch on the flood light unit. You can select between a 1-minute or 3-minute illumination duration after motion is detected.
- **Adjustable Detection Sensitivity:** The motion sensor sensitivity can be adjusted. Refer to the markings on the sensor for specific settings (if available on your model).

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your flood light.

- **Cleaning:** Periodically clean the solar panel and the LED light lens with a soft, damp cloth to remove dirt, dust, or debris. A clean solar panel ensures efficient charging.
- **Battery Replacement:** The flood light is powered by two 1000 mAh 18500 lithium phosphate solar rechargeable batteries. If the light output diminishes significantly or the light stops working, the batteries may need replacement. Replacement batteries (Lowe's item # 605119) are sold separately.

To replace batteries:

- a. Carefully open the battery compartment on the flood light unit.

- b. Remove the old batteries and dispose of them properly.
- c. Insert new 18500 lithium phosphate solar rechargeable batteries, ensuring correct polarity.
- d. Securely close the battery compartment.

- **LED Technology:** The integrated LED technology is maintenance-free and does not require bulb replacement.

TROUBLESHOOTING

If your flood light is not functioning as expected, refer to the following common issues and solutions.

Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none">◦ Insufficient solar panel charge.◦ Solar panel is dirty or obstructed.◦ Dusk-to-dawn sensor detecting ambient light.◦ Batteries are depleted or faulty.	<ul style="list-style-type: none">◦ Ensure solar panel receives 6-8 hours of direct sunlight daily.◦ Clean the solar panel surface.◦ Relocate the light or solar panel away from other light sources (e.g., streetlights).◦ Replace batteries (Lowe's item # 605119).
Motion sensor not working or inconsistent.	<ul style="list-style-type: none">◦ Sensor obstructed or dirty.◦ Incorrect sensor angle.◦ Low battery charge.◦ Sensor malfunction.	<ul style="list-style-type: none">◦ Clean the sensor lens.◦ Adjust the sensor angle to cover the desired detection zone.◦ Ensure batteries are fully charged or replace them.◦ If issues persist after troubleshooting, contact customer support.
Light stays on continuously or flashes.	<ul style="list-style-type: none">◦ Sensor malfunction.◦ Interference with the sensor.	<ul style="list-style-type: none">◦ Check for any objects or environmental factors (e.g., moving branches, small animals) that might be continuously triggering the sensor.◦ Ensure the sensor is clean and unobstructed.◦ If the problem persists, the sensor may be faulty.
Light output is dim.	<ul style="list-style-type: none">◦ Insufficient solar panel charge.◦ Batteries are aging or not fully charged.◦ Solar panel is dirty.	<ul style="list-style-type: none">◦ Ensure optimal solar panel placement and cleanliness.◦ Allow for a full day of charging.◦ Consider replacing the rechargeable batteries.

SPECIFICATIONS

Feature	Detail
Brand	Utilitech

Feature	Detail
Model Number	A911P-S350A-BZ-PK1
Light Type	Integrated LED Flood Light
Power Source	Solar Powered
Brightness	350 Lumens
Color Temperature	5000K (Cool White)
Motion Detection Angle	110 Degrees
Motion Detection Range	Up to 40 feet
Timer Settings	1 minute or 3 minutes
Batteries	2x 1000 mAh 18500 Lithium Phosphate Solar Rechargeable (included)
Solar Panel Cord Length	20 feet
Installation Type	Wall and Eave Mount
Fixture Color/Finish	Bronze
Material	Bronze
Weight	2.4 lbs
Dimensions (Light Unit)	Approx. 8.7" (H) x 7.01" (W) x 2.56" (D)
Water Resistance Level	Water Resistant
ETL Safety Listing	Yes


WARRANTY AND SUPPORT


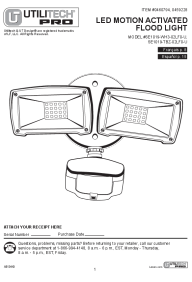

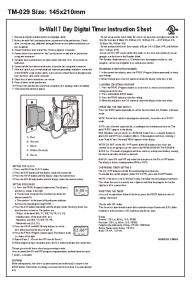
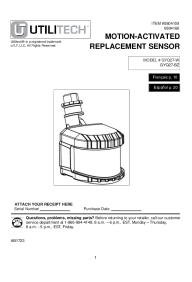
For warranty information or technical support, please refer to the product packaging or contact Utilitech customer service directly. Keep your purchase receipt for warranty claims.

Replacement batteries (Lowe's item # 605119) are available for purchase separately.

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Related Documents - A911P-S350A-BZ-PK1

	<p>Utilitech Motion-Activated Replacement Sensor Installation Guide (GYQ27-W/GYQ27-BZ)</p> <p>Comprehensive guide for installing and operating the Utilitech motion-activated replacement sensor (models GYQ27-W, GYQ27-BZ). Includes safety, installation steps, operating modes, and troubleshooting.</p>
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	<p>Utilitech Motion Activated Security Flood Light Installation and Operation Guide</p> <p>Comprehensive guide for installing and operating the Utilitech Motion Activated Security Flood Light, including safety information, troubleshooting, and maintenance. Features model numbers 4891899, 4891900, 7635428412, and 7635428053.</p>
	<p>Utilitech LED Motion Activated Flood Light Installation and Operation Guide</p> <p>Comprehensive guide for installing, operating, and troubleshooting the Utilitech LED Motion Activated Flood Light (Model SE1019). Includes safety instructions, package contents, and warranty information.</p>
	<p>Utilitech L-1103-B-001 10-Inch Motion-Activated Magnetic LED Bar Lights Quick Start Guide</p> <p>Get started with your Utilitech 10-inch battery-powered motion-activated magnetic LED bar lights (Model L-1103-B-001). This guide provides installation, operation, troubleshooting, and safety information.</p>
	<p>TM-029 In-Wall 7 Day Digital Timer: Installation and Programming Guide</p> <p>Detailed instructions for installing and programming the Utilitech TM-029 In-Wall 7 Day Digital Timer. Learn how to set the clock, schedule daily ON/OFF events, utilize automatic, random, and manual modes, and understand device specifications.</p>
	<p>Utilitech Motion-Activated Replacement Sensor Installation and Operation Guide</p> <p>Comprehensive guide for installing and operating the Utilitech Motion-Activated Replacement Sensor (Models GYQ27-W, GYQ27-BZ), including safety, troubleshooting, and warranty information.</p>