

## Xanlite SO1811AN

# Xanlite SO1811AN Solar Wall Light Instruction Manual

Model: SO1811AN

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Xanlite SO1811AN Solar Wall Light. Designed for outdoor use, this solar-powered light features a motion detector and offers efficient illumination for various outdoor spaces.

## Safety Information

- Ensure the product is installed in a location that receives direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose a safety risk.
- Keep the solar panel clean to ensure efficient charging.
- This product is designed for outdoor use and is rated IP44 for water resistance. However, avoid submerging it in water.
- Handle with care during installation to prevent damage to the light or injury.

## PACKAGE CONTENTS

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- 1 x Xanlite SO1811AN Solar Wall Light with Motion Detector
- Mounting Screws and Wall Plugs



Figure 1: The Xanlite SO1811AN Solar Wall Light, showcasing its design with the integrated solar panel on top and motion sensor at the base.

## SETUP AND INSTALLATION

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The Xanlite SO1811AN is designed for wall mounting. Proper placement is crucial for optimal solar charging and motion detection.

### Choosing an Installation Location

1. Select a location that receives at least 6-8 hours of direct sunlight daily to ensure the solar panel charges effectively.
2. Ensure the motion sensor is not obstructed and can cover the desired detection area.
3. Avoid installing near other strong light sources (e.g., streetlights) as they may interfere with the light sensor and prevent the light from activating.



Figure 2: The solar wall light installed on an exterior wall, demonstrating its placement for effective outdoor illumination.

## Mounting Steps

1. **Mark Drilling Points:** Hold the light against the wall at your chosen installation spot. Use a pencil to mark the positions for the mounting screws through the pre-drilled holes on the light's base.
2. **Drill Holes:** Use an appropriate drill bit (e.g., 6mm) to drill holes at the marked points. The depth should be sufficient for the wall plugs.
3. **Insert Wall Plugs:** Insert the plastic wall plugs into the drilled holes, ensuring they are flush with the wall surface.
4. **Secure the Light:** Align the light's mounting holes with the wall plugs. Insert the screws through the light's base and tighten them firmly into the wall plugs until the light is securely fastened to the wall.

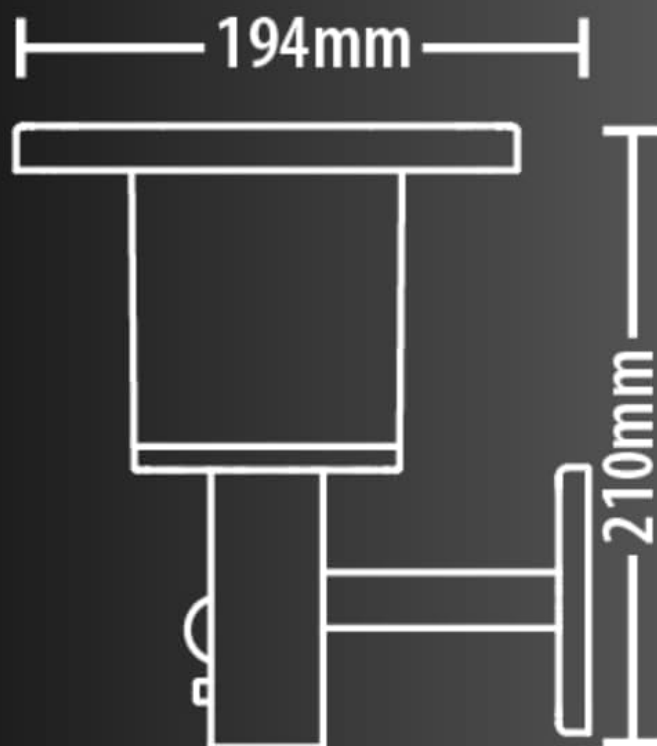


Figure 3: Technical drawing showing the dimensions of the solar wall light, useful for planning installation space.

## OPERATING INSTRUCTIONS

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The Xanlite SO1811AN features an automatic motion sensor and multiple operating modes. The light will automatically charge during the day and activate at night.

### Initial Activation

Before first use, ensure the light is exposed to direct sunlight for at least 8 hours to fully charge the internal battery. Locate the mode selection button, usually near the motion sensor.



Figure 4: A detailed view of the motion sensor and the mode selection button (small button below the sensor) on the light fixture.

## Operating Modes

Press the mode selection button repeatedly to cycle through the available modes:

- **Mode 1 (Dim + Bright on Motion):** The light stays on at a dim brightness (e.g., 100 lumens) throughout the night. When motion is detected, it brightens to full brightness (600 lumens) for approximately 20-30 seconds, then returns to dim.
- **Mode 2 (Off + Bright on Motion):** The light remains off at night. When motion is detected, it turns on at full brightness (600 lumens) for approximately 20-30 seconds, then turns off.
- **Mode 3 (Constant Dim Light):** The light stays on at a constant dim brightness (e.g., 100 lumens) throughout the night, regardless of motion. This mode is ideal for continuous ambient lighting.
- **Off:** Pressing the button again after Mode 3 will turn the light off completely.

The light will automatically detect dusk and dawn, turning on and off accordingly based on the selected mode.





Figure 5: The solar wall light providing illumination during nighttime, demonstrating its operational capability.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your solar wall light.

- **Clean the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Clean the Light Fixture:** Wipe the entire fixture with a soft, damp cloth to keep it clean. Avoid using abrasive cleaners or solvents.
- **Check for Obstructions:** Ensure no new obstructions (e.g., growing branches, new structures) are blocking direct sunlight to the solar panel or interfering with the motion sensor's field of view.



Alimentation à  
énergie solaire



Figure 6: A close-up view of the solar panel, highlighting the importance of keeping it clean for efficient energy absorption.

## TROUBLESHOOTING

If your Xanlite SO1811AN Solar Wall Light is not functioning as expected, try the following troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge. Solar panel is dirty or obstructed. Light sensor detecting ambient light. Battery issue.	Ensure the light is in a location with 6-8 hours of direct sunlight. Clean the solar panel. Relocate the light away from other strong light sources. Allow several days of charging. If problem persists, contact support.

Problem	Possible Cause	Solution
Light stays dim or does not brighten on motion.	Insufficient battery charge. Motion sensor obstructed or faulty. Incorrect operating mode selected.	Ensure adequate solar charging. Clear any obstructions from the motion sensor. Cycle through modes to ensure the correct motion-activated mode is selected.
Light turns on during the day.	Light sensor is covered or faulty.	Ensure the solar panel (which often contains the light sensor) is clean and exposed to light.

## SPECIFICATIONS

Feature	Detail
Brand	Xanlite
Model Number	SO1811AN
Dimensions (L x W x H)	24.5 x 17.2 x 17.2 cm
Weight	1.09 Kilograms
Material	Alloy Steel (fixture), Stainless Steel + Plastic (lampshade)
Color	Black
Luminous Flux	600 lumens
IP Rating	IP44 (Water splash resistant)
Power Source	Solar Powered
Special Features	Motion Detector
Bulb Type	LED
Energy Label	A+
Installation Type	Wall Mount



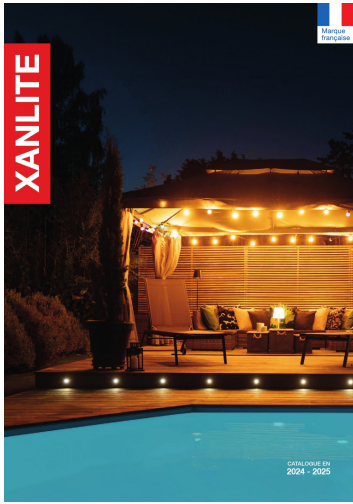


Figure 7: An infographic summarizing key features of the Xanlite SO1811AN, including its IP44 rating, motion sensor, durable steel material, and 600 lumens output.

## CUSTOMER SUPPORT

Xanlite is committed to providing quality products and excellent customer service. If you have any questions, concerns, or require assistance with your SO1811AN Solar Wall Light, please do not hesitate to contact us. Your satisfaction is our priority.

Please refer to the retailer's website or your purchase documentation for specific contact information.



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