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> Linkind Solar Motion Sensor Lights 1000LM (Model LL1800332) User Manual

## Linkind LL1800332

# Linkind Solar Motion Sensor Lights

MODEL: LL1800332

## Introduction

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Thank you for choosing Linkind Solar Motion Sensor Lights. This manual provides essential information for the proper installation, operation, and maintenance of your new solar lights. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

## Product Features

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- **1000LM Brightness:** Provides exceptional illumination, significantly brighter than standard garden lights, with enhanced optical lenses for wider and brighter light projection.
- **3 Operating Modes with Motion Sensor:** Offers versatile lighting options to suit various needs and conserve energy.
- **3000K Warm White Light and IP67 Protection:** Delivers a warm white light for optimal nighttime security and is highly resistant to all weather conditions.
- **Easy Wireless Installation:** Simple two-step installation for ground insertion or wall mounting, integrating seamlessly into your outdoor space.
- **Energy Saving and Safety:** Equipped with a rechargeable lithium battery, charging during the day and automatically illuminating at night without energy consumption, overheating, or overcharging risks.
- **Adjustable Angle:** The light head can be adjusted 180° vertically and 360° horizontally for precise illumination.

## Package Contents

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Verify that all components are present in your package:

- Linkind Solar Motion Sensor Lights (2 units)
- Ground Stakes (2 units)
- Wall Mount Brackets (2 units)
- Screws and Wall Plugs
- User Manual

## Setup and Installation

Your Linkind Solar Motion Sensor Lights can be installed in two ways: ground inserted or wall mounted.

### Important Installation Tips:

- Ensure the solar panel receives direct sunlight for at least 6-8 hours daily for optimal charging.
- Avoid installing the light under strong artificial light sources (e.g., streetlights) at night, as this may prevent the light from turning on automatically.
- Do not install in shaded areas or where mutual exposure to other lights might occur.

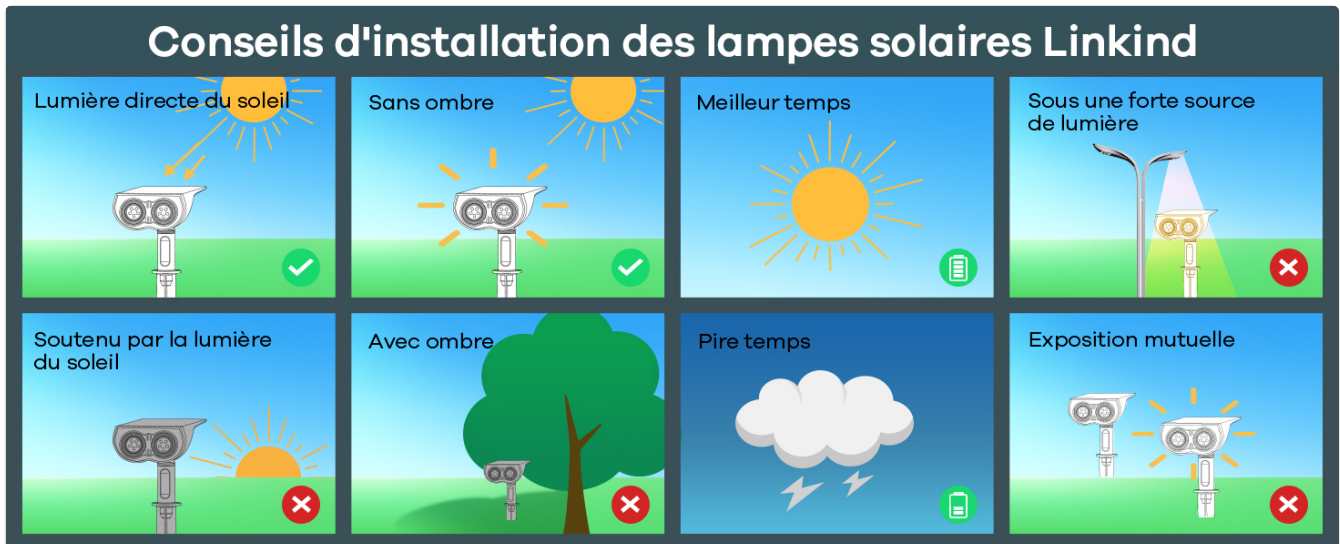


Figure 1: Optimal and suboptimal installation locations for solar lights.

### Ground Insertion:

1. Select the desired operating mode using the button on the light unit.
2. Assemble the holder to the light unit.
3. Connect the ground spike to the assembled unit.
4. Insert the spike firmly into the ground in your desired location.

### Wall Mounting:

1. Select the desired operating mode using the button on the light unit.
2. Fix the wall mount bracket to the wall using the provided screws and wall plugs.
3. Connect the light unit to the fixed wall mount bracket.
4. Adjust the angle of the light unit to your preference.

# IP65

## Waterproof

Working Temperature  
Range: -20~50°C



Heat-resistant



Frost-resistant



IP65 Waterproof



Figure 2: Installation steps for ground insertion and wall mounting.



Figure 3: Product dimensions and adjustable features.

## Operating Instructions

The Linkind Solar Motion Sensor Lights feature three distinct operating modes, selectable via a button on the unit. The light charges during the day and automatically activates at night based on the selected mode.

### Mode Selection:

- **Mode 1 (Soft Light Mode):** Provides continuous low-level light throughout the night. The motion sensor is inactive in this mode.
- **Mode 2 (Dim-Bright-Dim Sensor Mode):** The light stays at a low intensity. When motion is detected (within 120°/8m), the light brightens to 100% for 20 seconds, then returns to low intensity.
- **Mode 3 (Off-Bright-Off Sensor Mode):** The light remains off. When motion is detected (within 120°/8m), the light turns on at 100% brightness for 20 seconds, then turns off completely.

# 3 Lighting Modes

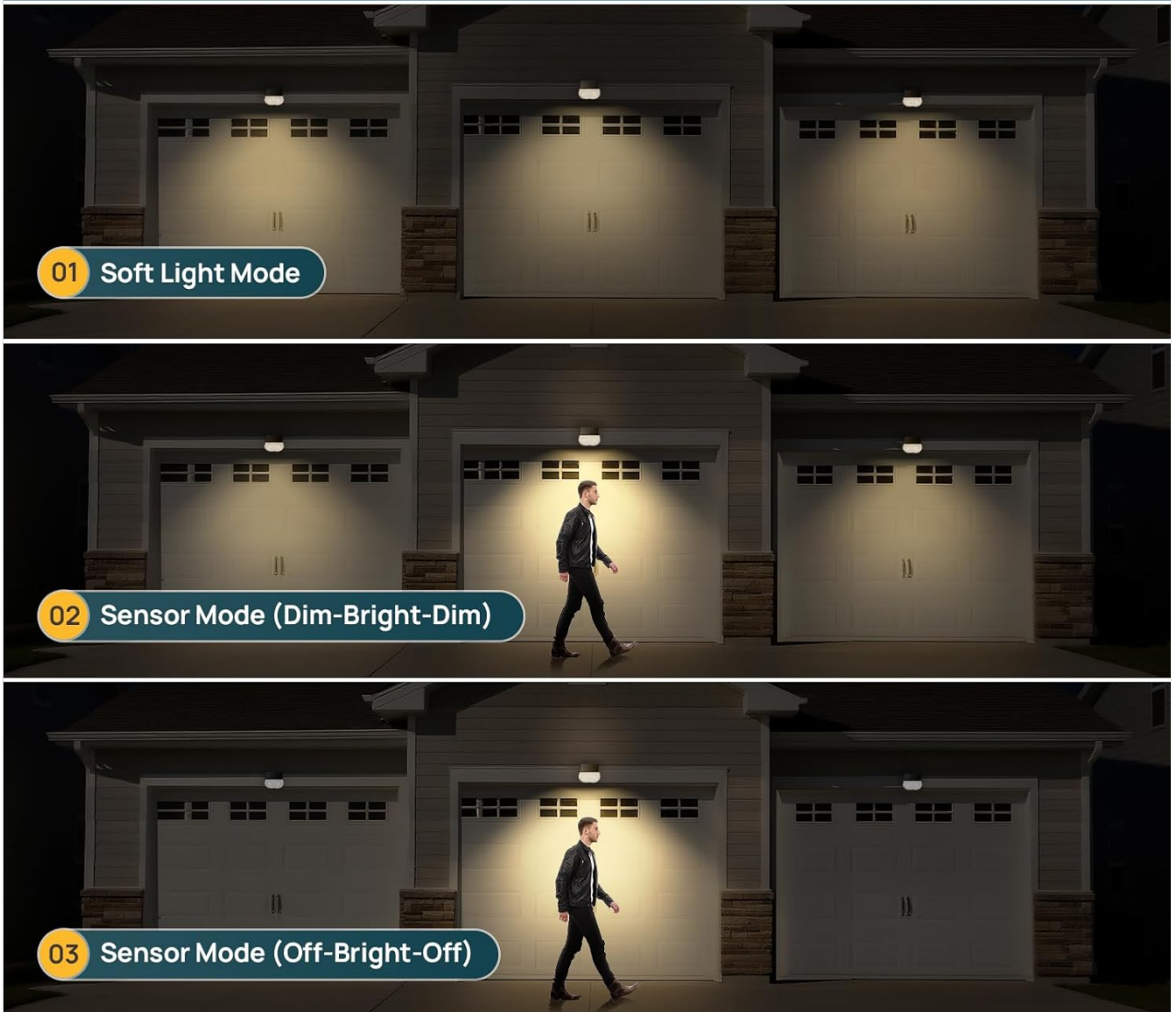


Figure 4: Visual representation of the 3 lighting modes.



## Charge during the day

High Conversion Rate

# 22%



## Detect motion at night



Figure 5: Day charging and night motion detection functionality.

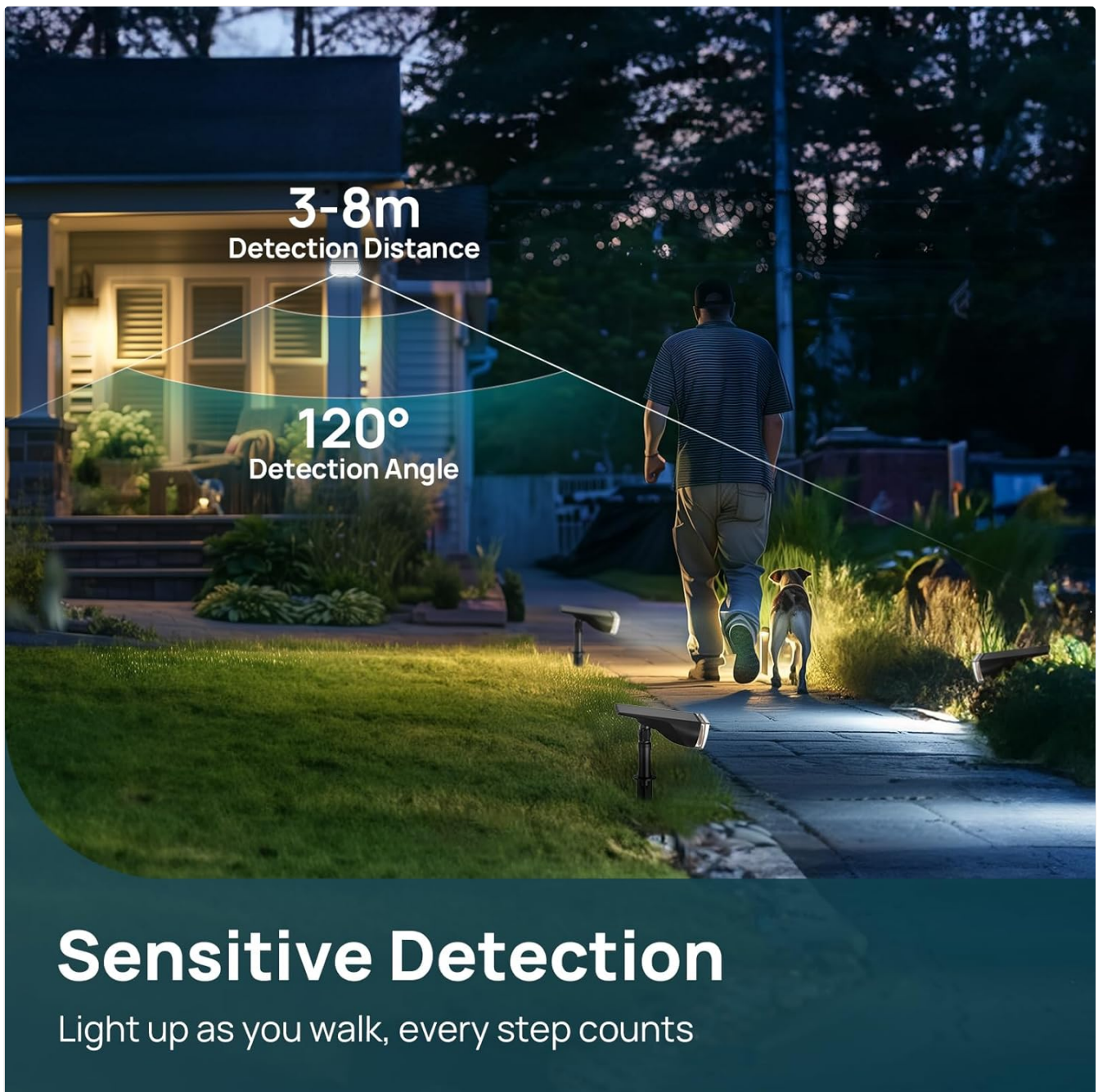


Figure 6: Motion detection range and angle.

## Maintenance

To ensure the optimal performance and longevity of your solar lights, follow these maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures efficient charging.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects block direct sunlight from reaching the solar panel, especially during winter months.
- **Battery Care:** While the battery is designed for long life, if the light's performance significantly degrades over time, ensure it's receiving adequate sunlight.
- **Weather Resistance:** The IP67 rating ensures resistance to rain and dust. However, extreme weather conditions like heavy snow or prolonged sub-zero temperatures might temporarily affect performance.



Figure 7: The solar light's IP67 waterproof design.

## Troubleshooting

If your Linkind Solar Motion Sensor Light is not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient charging during the day.	Ensure the solar panel is in direct sunlight for 6-8 hours. Clean the solar panel.
Light flickers or stays dim.	Low battery charge or partial obstruction.	Allow for a full day of charging. Check for any objects partially shading the solar panel.
Motion sensor not detecting.	Light is in Mode 1 (Soft Light Mode) or sensor is obstructed.	Switch to Mode 2 or 3. Ensure the sensor is clear of obstructions and facing the desired detection area.
Light turns off too quickly.	Battery charge is low.	Ensure the solar panel receives maximum sunlight for a full charge.

## Specifications

Feature	Detail
Brand	Linkind
Model Number	LL1800332
Color	Warm White
Material	Acrylonitrile Butadiene Styrene (ABS)
Fixture Shape	Wall Mounted / Spotlight
Product Dimensions (L x W x H)	15L x 10W x 29H centimeters

Feature	Detail
Item Weight	580 Grams
Indoor/Outdoor Use	Outdoor
Power Source	Solar Powered
Features	Motion Sensor, Adjustable Height, Lightweight, Energy Efficient, Waterproof
Control Method	Tactile (Button)
Bulb Type	LED
Number of Bulbs	22
Voltage	12 Volts (DC)
Light Color	Warm White
Waterproof Level	IP67
Wattage	4 Watts
Luminous Efficacy	650 Lumens
Color Temperature	3000 Kelvin
Maximum Luminous Flux	650 Lumens
Installation Type	Ground Mount, Wall Mount
Assembly Required	Yes
Compliant Specifications	CE, FCC
UPC	791378856268

## Warranty and Support

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Linkind products come with a limited warranty. For any questions, assistance, or warranty claims, please contact Linkind customer support. We offer 24/7 customer support to ensure your satisfaction.

Please refer to your purchase documentation or the Linkind official website for specific warranty terms and contact information.