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K KASONIC SL-38

K KASONIC SL-38 Solar Outdoor Lights Instruction Manual

Model: SL-38

1. Introduction

Thank you for choosing the K KASONIC SL-38 Solar Outdoor Lights. This product is designed to provide efficient and reliable outdoor illumination with advanced motion detection and solar charging capabilities. Please read this manual carefully before installation and use to ensure optimal performance and safety.

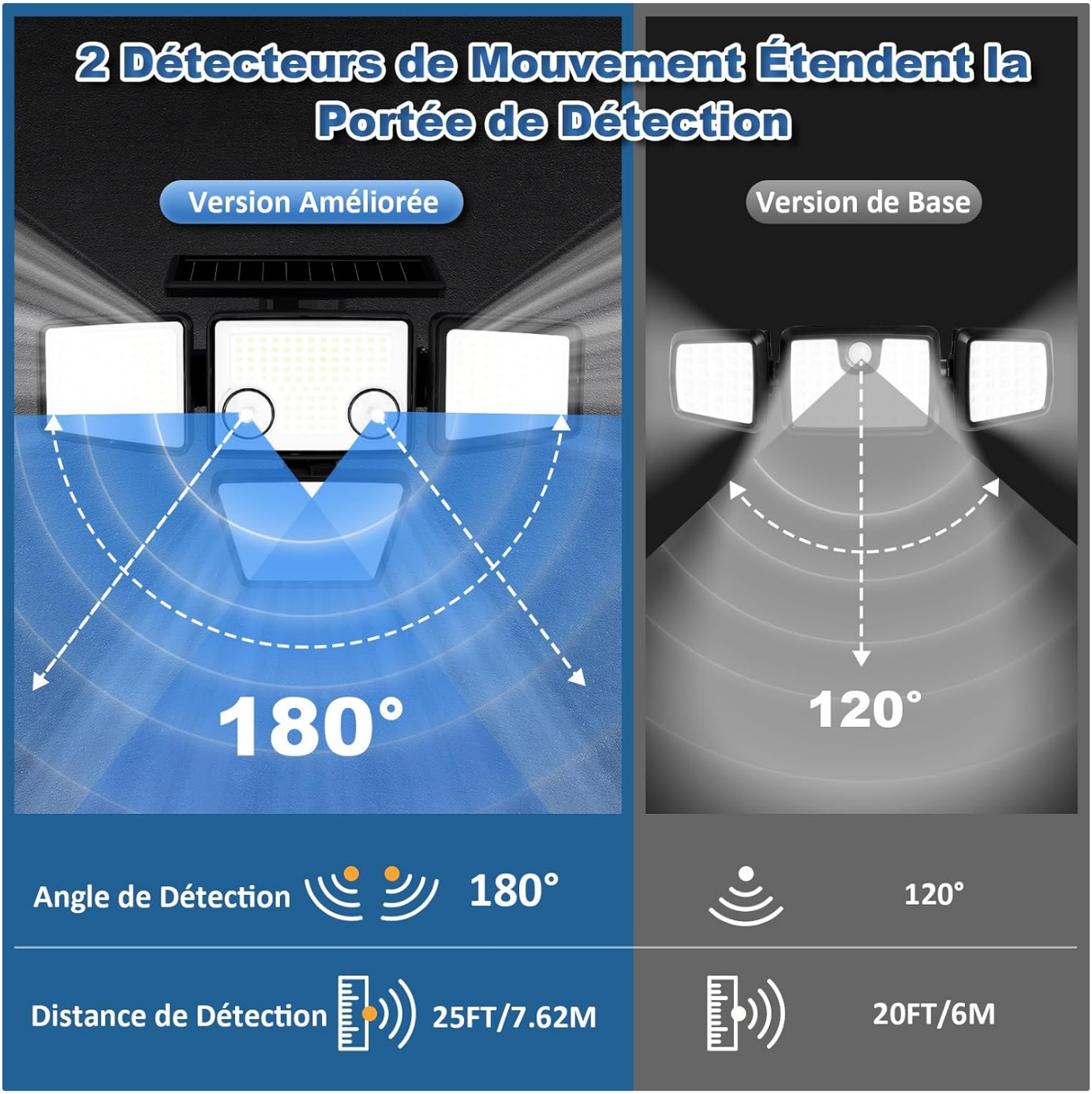


Image 1.1: K KASONIC SL-38 Solar Outdoor Lights (Set of 2)

2. Package Contents

Ensure all components are present in the package:

- K KASONIC SL-38 Solar Outdoor Lights (2 units)
- Remote Control (1 unit)
- Mounting Accessories (screws, wall plugs)
- User Manual

3. Product Features

- **Powerful Illumination:** Equipped with 286 super bright LEDs, providing 2500 lumens of 6500K daylight white light.
- **Dual Motion Sensors:** Advanced dual sensors offer a wide 180° detection angle and a range of up to 25 feet (7.6 meters).
- **Wide Coverage Area:** Illuminates up to 1615 sq ft (150 m²) for enhanced security.

- **High-Efficiency Solar Panel:** Upgraded polycrystalline silicon solar panels with up to 21% conversion rate, ensuring efficient charging even in winter.
- **Long-Lasting Battery:** Built-in 2200mAh high-capacity battery, fully charged in 6-8 hours of direct sunlight.
- **Multiple Operating Modes:** Features three adjustable lighting modes for various needs, controllable via remote.
- **Remote Control:** Conveniently adjust settings from up to 16 feet (5 meters) away.
- **Durable and Weatherproof:** IP65 waterproof rating, resistant to heat, snow, and various outdoor conditions.
- **Adjustable Light Heads:** Four rotatable light heads allow for flexible lighting direction.

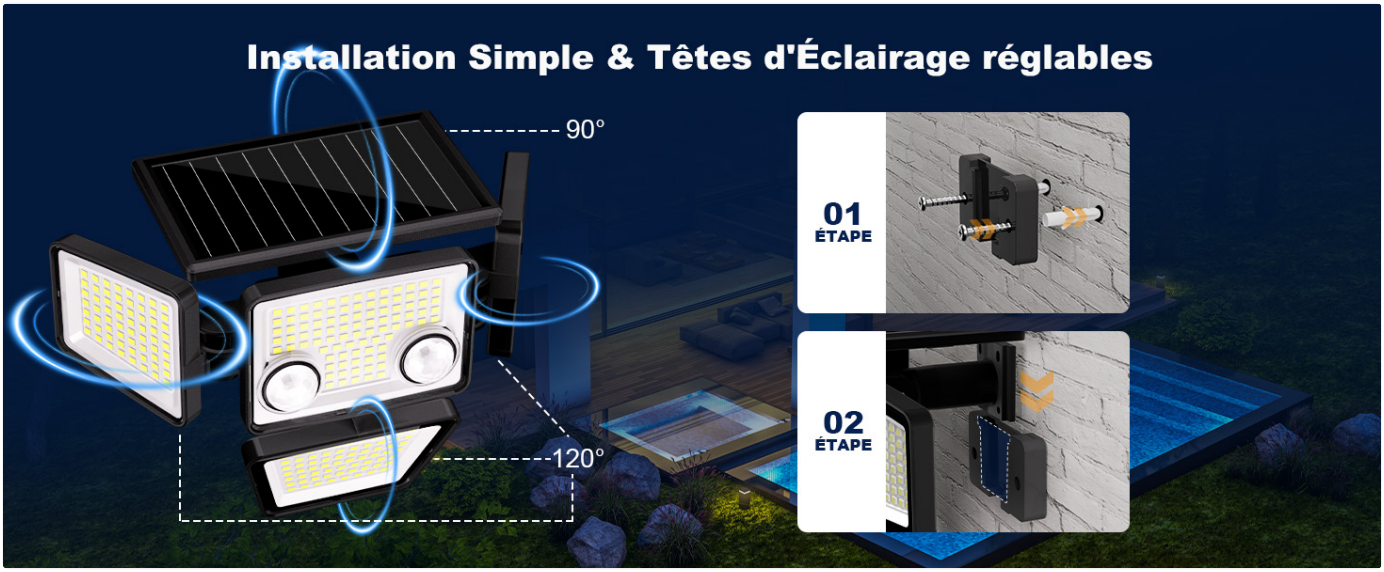


Image 3.1: Overview of K KASONIC SL-38 features including 286 LEDs, dual sensors, 25ft detection, 320° lighting angle, remote control, and adjustable brightness.



Image 3.2: Comparison illustrating the extended 180° detection angle and 25ft range of the dual sensor model compared to a standard 120° and 20ft range.



Image 3.3: The K KASONIC SL-38 is designed for all weather conditions, featuring heat resistance, snow resistance, and an IP65 waterproof rating.

4. Installation

For optimal performance, install the solar light in a location that receives direct sunlight for at least 6-8 hours daily. Avoid areas under eaves, trees, or other obstructions that may block sunlight or motion detection.

Mounting Steps:

1. Choose a suitable wall location.
2. Use the provided mounting bracket as a template to mark drill holes.
3. Drill holes and insert wall plugs.
4. Secure the mounting bracket to the wall with screws.
5. Slide the solar light onto the mounted bracket until it clicks into place.
6. Adjust the four light heads and the solar panel to your desired angles for maximum light coverage and solar exposure.



Image 4.1: Simple installation process and adjustable light heads (up to 120° rotation) and solar panel (up to 90° rotation).

5. Operating Instructions

The K KASONIC SL-38 features three operating modes, selectable via the included remote control. Ensure the light is charged before first use.

Lighting Modes:

Mode 1: Sensor Mode

The light remains OFF until motion is detected. Upon detection, it illuminates at 100% brightness for 30 seconds, then turns OFF if no further motion is detected.

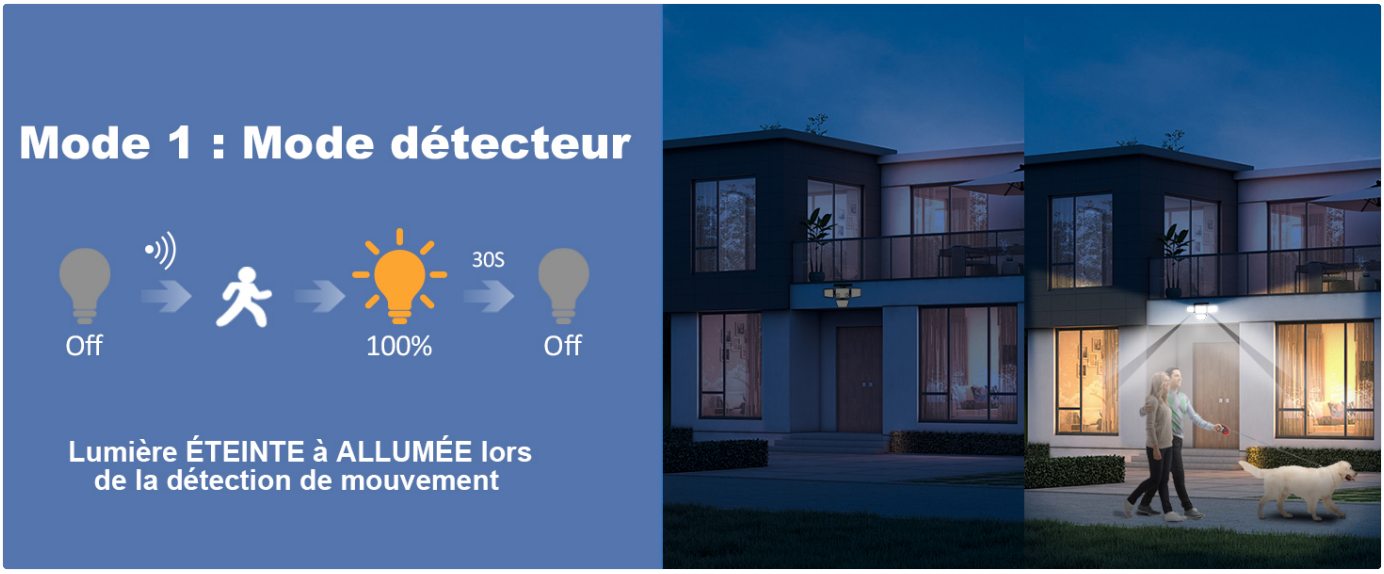


Image 5.1: Mode 1 operation - light off, then 100% brightness with motion, then off.

Mode 2: Always On

The light stays on at a constant 30% brightness throughout the night. Motion sensors are inactive in this mode.



Image 5.2: Mode 2 operation - light stays on at 30% brightness.

Mode 3: Sensor Mode + Dim Light

The light stays on at a dim 30% brightness. When motion is detected, it brightens to 100% for 30 seconds, then returns to 30% dim light if no further motion is detected.



Image 5.3: Mode 3 operation - dim light, then 100% brightness with motion, then back to dim.

Using the Remote Control:

The remote control allows you to easily switch between modes and adjust brightness. Point the remote directly at the light's sensor for best results.

- **ON/OFF Button:** Turns the light on or off.
- **Mode 1/2/3 Buttons:** Selects the corresponding lighting mode.
- **Brightness Adjustment (+/-):** Increases or decreases the brightness level (available in certain modes).

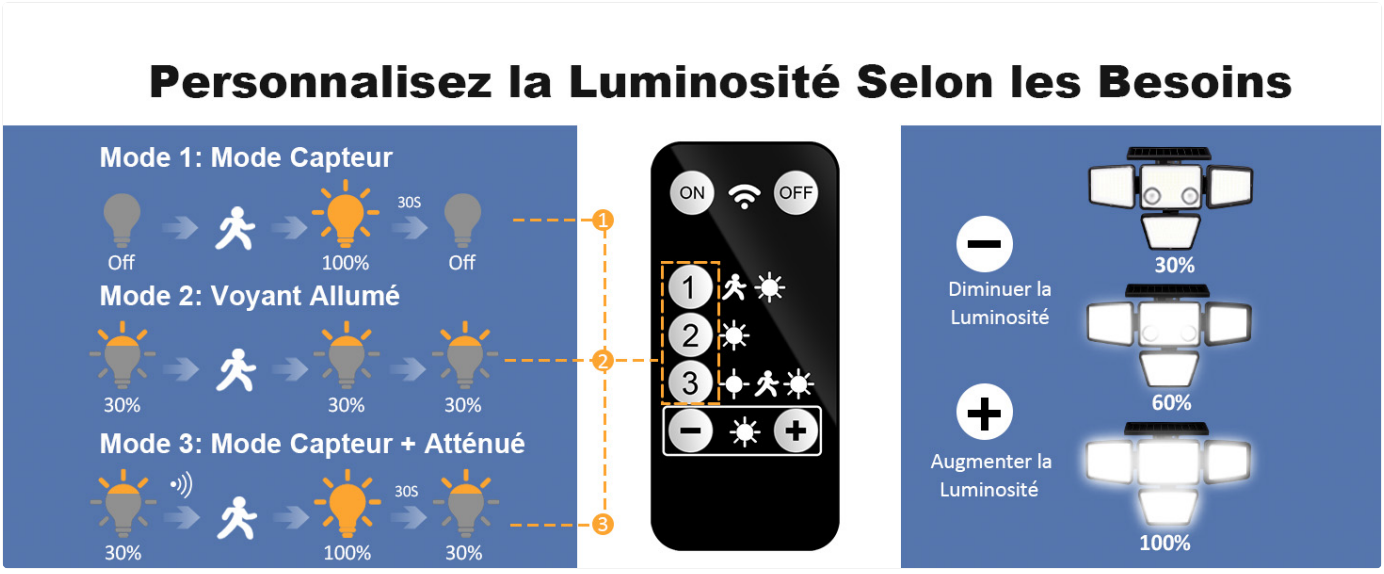


Image 5.4: Remote control interface showing mode selection and brightness adjustment options.

6. Maintenance

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

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption.
- **Clear Obstructions:** Ensure no new obstructions (e.g., growing branches, new structures) block direct sunlight to the solar panel or interfere with motion sensor detection.
- **Battery Care:** While the battery is designed for long life, extreme temperatures can affect its performance. Ensure the light is installed within recommended operating temperatures.

- **Inspect for Damage:** Occasionally check the light for any physical damage, loose connections, or signs of wear.

7. Troubleshooting

If you encounter issues with your K KASONIC SL-38 solar lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel receives 6-8 hours of direct sunlight daily. Clean the solar panel.
Motion sensor not working or too sensitive.	Sensor obstructed or incorrect mode selected.	Clear any obstructions from the sensor. Ensure Mode 1 or Mode 3 is selected.
Light stays dim or turns off quickly.	Low battery charge or extreme cold.	Allow more time for charging. Ensure the light is not in an area with prolonged extreme cold.
Remote control not responding.	Remote battery low or out of range.	Replace remote battery. Ensure you are within 16ft (5m) and pointing directly at the light.

8. Specifications

Specification	Detail
Brand	K KASONIC
Model Number	SL-38
Material	Aluminum, Acrylonitrile Butadiene Styrene (ABS)
Color	Daylight White
Fixture Shape	Floodlight
Product Dimensions (L x W x H)	30L x 6W x 13H centimeters
Item Weight	1.07 Kilograms
Number of Items	2
Specific Uses	Yard, Garden, Patio, Deck
Indoor/Outdoor Use	Outdoor
Power Source	Solar Powered
Features	Motion Sensor, Adjustable Heads
Control Method	Remote Control, Motion Sensor
Bulb Type	LED (286 LEDs per unit)
Light Color	White (6500K)

Specification	Detail
Waterproof Level	IP65
Connectivity Protocol	Infrared (for remote)
Luminous Efficacy	2500 Lumens
Energy Label	A+++
Installation Type	Wall Mount
Assembly Required	Yes
Country of Origin	China

9. Warranty and Support

K KASONIC offers a limited warranty for this product. If you encounter any issues within the first 12 months of purchase, please contact K KASONIC customer service directly for assistance or replacement parts. Your satisfaction is important to us, and dedicated support is available to resolve any problems promptly.
For further support, please refer to the contact information provided with your purchase or visit the official K KASONIC website.

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