**HOFTRONIC 2707590**

# HOFTRONIC Kansas Solar LED Wall Light User Manual

Model: 2707590
Brand: HOFTRONIC

## Introduction

Thank you for choosing the HOFTRONIC Kansas Solar LED Wall Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new solar-powered outdoor light. Please read this manual thoroughly before use and retain it for future reference.

## Safety Instructions

- Ensure the installation surface is stable and can support the weight of the light.
- Do not attempt to disassemble or modify the light. This may void the warranty and pose a safety risk.
- Keep the solar panel clean and free from obstructions to ensure optimal charging.
- Avoid placing the light in areas prone to extreme temperatures or direct water submersion, despite its IP54 rating.
- This product is designed for outdoor use.
- Dispose of the product and its components responsibly at the end of its lifespan, following local regulations.

## Product Overview

The HOFTRONIC Kansas Solar LED Wall Light is a modern, energy-efficient outdoor lighting solution featuring a monocrystalline solar panel, a microwave motion sensor, and adjustable light beam angles. Its robust aluminum construction ensures durability and weather resistance.

### Components

- Solar LED Wall Light Unit
- Mounting Material (screws, wall plugs)
- User Manual

### Key Features

- **Monocrystalline Solar Panel:** Efficiently converts sunlight into energy, charging the 2600 mAh battery in

approximately 8 hours for up to 9 hours of operation.

- **Microwave Motion Sensor:** Discreetly integrated, detects motion through thin walls with a 120-degree detection range.
- **Adjustable Light Beam:** The light beam angle can be adjusted between 0 and 90 degrees to suit your lighting needs.
- **Multiple Lighting Modes:**
  - **Mode 1 (Standard):** Light stays on constantly at 15 lumens and brightens to 500 lumens upon motion detection.
  - **Mode 2 (Dimmed):** Light only activates at 500 lumens upon motion detection, then turns off after 30 seconds.
- **IP54 Waterproof Rating:** Protected against dust and splashing water from any direction, suitable for various weather conditions.
- **Durable Construction:** Made from maintenance-free aluminum, resistant to rust and discoloration.

## Setup and Installation

Before installation, choose a location that receives ample direct sunlight throughout the day to ensure optimal charging of the solar panel.

### Installation Steps

1. **Prepare the Mounting Surface:** Identify a suitable wall or surface for installation. Ensure it is clean and sturdy.
2. **Mark Drilling Points:** Use the provided mounting plate as a template to mark the drilling points on the wall.



Image: The HOFTRONIC Kansas Solar LED Wall Light shown with its detachable mounting plate, illustrating how the light unit connects to the wall bracket.

3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall type. Insert wall plugs if necessary.
4. **Attach Mounting Plate:** Secure the mounting plate to the wall using the provided screws.
5. **Mount the Light Unit:** Carefully attach the HOFTRONIC Kansas Solar LED Wall Light unit to the secured mounting plate. Ensure it clicks into place or is firmly fastened.
6. **Adjust Beam Angle (Optional):** If desired, adjust the internal reflectors to direct the light beam between 0 and 90 degrees.




Image: An internal view of the light showing the adjustable reflectors that allow the user to change the beam angle from 0 to 90 degrees.

## Operating Instructions

The HOFTRONIC Kansas Solar LED Wall Light operates automatically, charging during the day and activating at night based on its selected mode and motion detection.

### Selecting Operating Modes

The light features two operating modes. To switch between modes, locate the mode button on the back of the unit (refer to the image below) and press and hold it for 3 seconds.

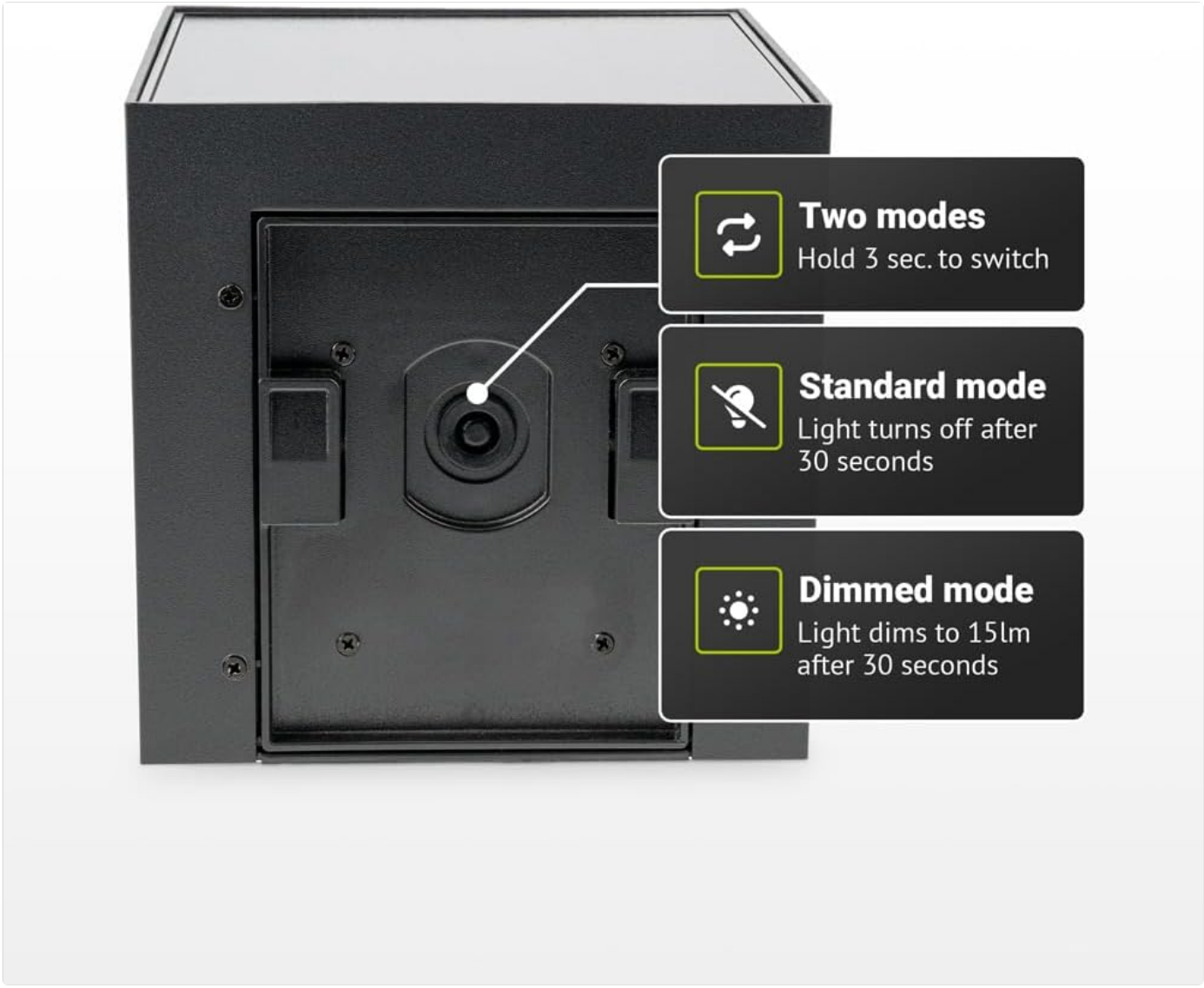



Image: The rear of the light unit, highlighting the button used to switch between the two available lighting modes.

- **Mode 1 (Standard Mode):**

  In this mode, the light will illuminate constantly at a low brightness of 15 lumens after dusk. When motion is detected within its 120-degree range, the light will brighten to 500 lumens for approximately 30 seconds, then return to 15 lumens.

- **Mode 2 (Dimmed Mode):**

  In this mode, the light remains off after dusk. It will only activate to 500 lumens when motion is detected within its 120-degree range. After approximately 30 seconds of no further motion, the light will turn off completely.

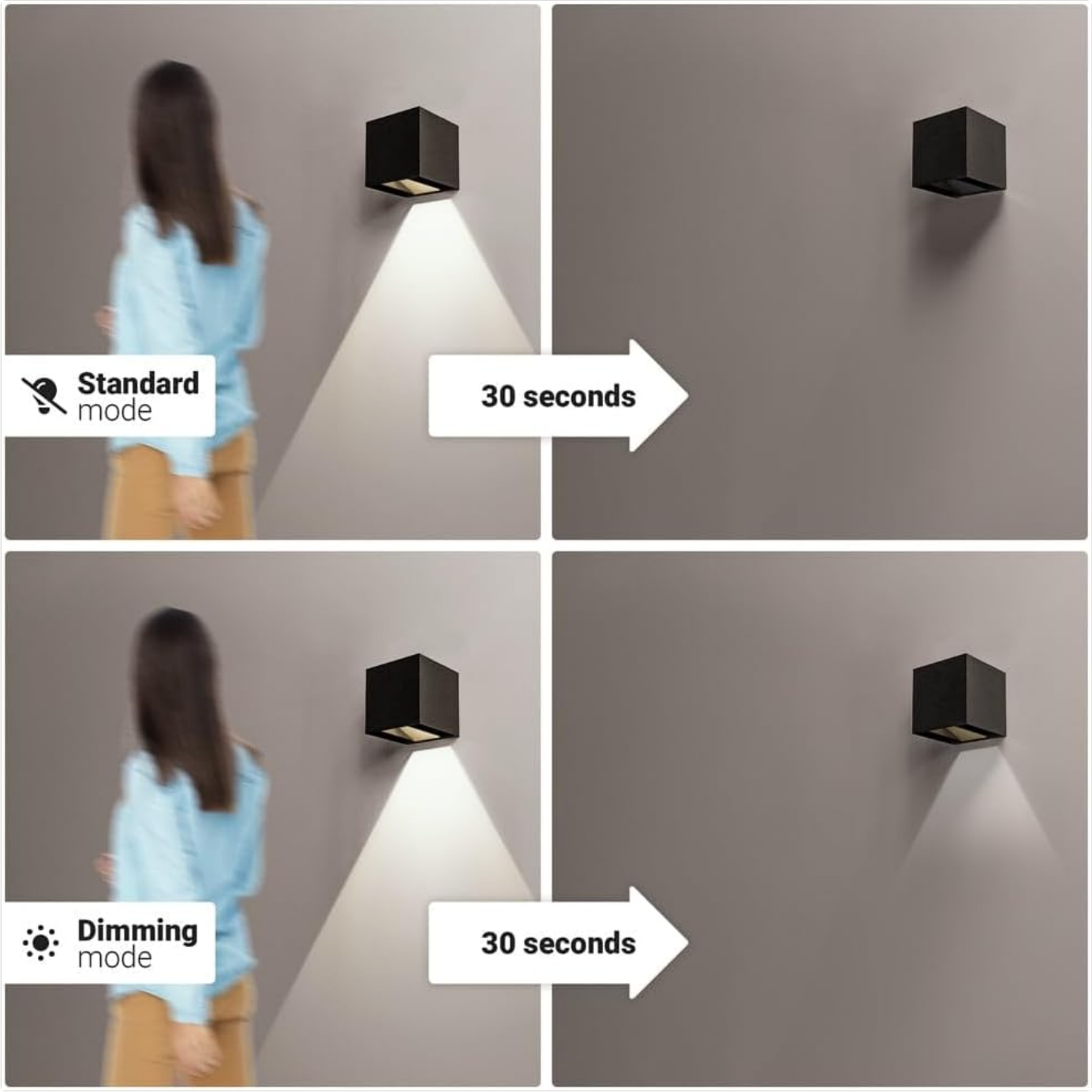



Image: A visual comparison demonstrating the behavior of the light in Standard Mode (constant dim light, brightens with motion) versus Dimmed Mode (off, brightens only with motion).

## Maintenance

The HOFTRONIC Kansas Solar LED Wall Light is designed for low maintenance. Regular cleaning will ensure optimal performance.

- **Cleaning the 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 and charging efficiency.
- **General Cleaning:** Clean the light's housing with a soft, dry or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Seasonal Checks:** In areas with heavy snowfall or prolonged periods of low sunlight, ensure the solar panel is clear of snow or ice to allow for charging.

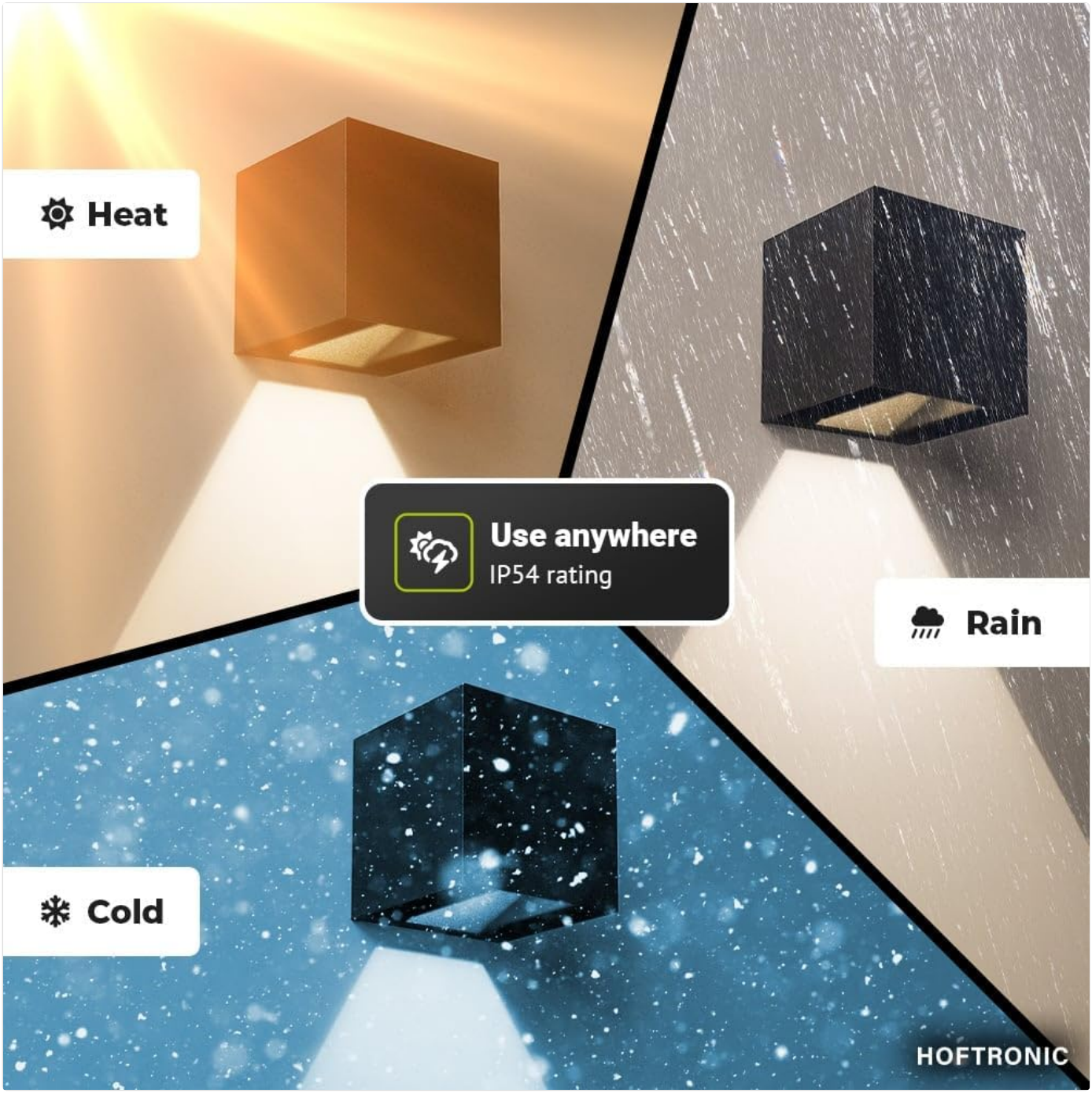



Image: The light depicted in various weather conditions (sun, rain, snow), emphasizing its IP54 rating and suitability for outdoor use.

## Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Light does not turn on at night. | Insufficient solar charge.<br>Solar panel is dirty or obstructed.<br>Light is in "off" mode (if applicable).<br>Battery issue. | Ensure the light is placed in direct sunlight for at least 8 hours.<br>Clean the solar panel.<br>Check the operating mode and switch if necessary.<br>Contact customer support if the issue persists after charging. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Light stays dim or does not brighten with motion. | Insufficient charge. Motion sensor obstructed or faulty. Incorrect mode selected. | Allow for more charging time. Ensure nothing is blocking the sensor's detection area. Verify the light is in Mode 1 (Standard Mode) for constant dim light with brightening. |
| Light turns on during the day. | Light sensor (photocell) is obstructed or faulty. | Ensure the solar panel area, which contains the light sensor, is not covered or in shadow during daylight hours. |

## Specifications

| Attribute | Value |
|---|---|
| Brand | HOFTRONIC |
| Model Number | 2707590 |
| Dimensions (L x W x H) | 15 x 15 x 15 cm |
| Weight | 5 Kilograms |
| Ingress Protection (IP) Rating | IP54 |
| Material | Aluminum |
| Light Source Type | LED |
| Color Temperature | 3000K Warm White |
| Max Wattage | 9 Watts |
| Luminous Flux (Motion Activated) | 500 lumens |
| Luminous Flux (Constant Dim Mode) | 15 lumens |
| Power Source | Solar Powered |
| Special Features | Waterproof, Rust-resistant, 2 Lighting Modes, Microwave Motion Sensor, Dusk-to-Dawn Sensor, Adjustable Beam Angle, Monocrystalline Solar Panel |

## Warranty and Support

HOFTRONIC products are manufactured and tested with the utmost care. For warranty information or technical support, please contact HOFTRONIC customer service. You can typically find contact details on the product packaging or the official HOFTRONIC website.
For further assistance, please visit the HOFTRONIC Support Page or contact your retailer.

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## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question