Koda LM030022-1

Koda Outdoor Motion Activated LED Security Floodlight User Manual

Model: **LM030022-1** | Brand: **Koda**

INTRODUCTION

Thank you for choosing the Koda Outdoor Motion Activated LED Security Floodlight. This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your new floodlight. Designed for optimal outdoor security, this floodlight features bright, adjustable LEDs and advanced motion sensing technology to enhance the safety and visibility of your property.

SAFETY INFORMATION

WARNING: To avoid electric shock, always turn off the main power breaker to the light fixture before attempting any installation, maintenance, or troubleshooting. If you are unsure about electrical wiring, consult a qualified electrician.

This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

PACKAGE CONTENTS

Ensure all items are present before beginning installation:

- Koda Outdoor Motion Activated LED Security Floodlight
- Mounting Bolt
- Mounting Bracket
- Mounting Screws
- Decorative Knob
- User Manual (this document)

SETUP AND INSTALLATION

Follow these steps to properly install your Koda Security Floodlight. For a visual guide, please refer to the installation video below.

Video: Koda Motion Activated LED Security Floodlight Installation. This video provides a comprehensive guide to installing the Koda Motion Activated LED Security Floodlight, including steps for wiring, mounting, and initial setup.

1. **Select Installation Location:** Choose a suitable outdoor location. It is suggested to install the light at least 6.5 feet above the ground for optimal coverage.

2. **Turn Off Power:** Before starting, turn off the main power breaker to the light fixture. Use a voltage tester to ensure the power is completely off at the installation site.

3. **Remove Existing Light:** Carefully remove any existing light fixture from the outlet box.

4. **Install Mounting Bracket:** Begin by installing the mounting bracket. Ensure the front of the bracket is facing outwards, towards you. Secure the bracket firmly with the included mounting screws.

This image shows a person's hands securing the mounting bracket to the electrical box on the wall, ensuring it is properly aligned.

5. **Prepare Wiring:** Pull the outlet box wires through the mounting plate. Level and secure the mounting plate before tightening completely.

6. **Connect Wires:** Insert the corresponding outlet box wires into the terminal box.
   - Insert the positive black wire into the terminal labeled 'L' (black).
   - Insert the negative white wire into the terminal labeled 'N' (white).
   - Insert the ground wire into the terminal box marked 'GND'.

   Tighten and secure the terminal box screws.

This image illustrates the process of connecting the electrical wires from the outlet box to the floodlight's terminal box, ensuring

7. **Mount the Floodlight:** Align the bottom edge of the security light with the bottom of the mounting plate. Push the light into place and secure it using the large mounting bolt.

The floodlight unit is being pushed into place and secured onto the mounting plate, showing the final attachment step.

8. **Insert Decorative Knob:** Once the light is secured, insert the decorative knob into the mounting bolt hole.

A hand is shown inserting the small decorative knob to cover the mounting bolt, completing the installation's aesthetic.

9. **Remove Protective Stickers:** Carefully remove any protective stickers from each lamp head.

10. **Orient Motion Sensor:** Ensure the motion sensor is facing the correct direction. The side marked "THIS SIDE UP" must be facing upwards, and the control switches on the bottom should be facing downwards towards the ground.
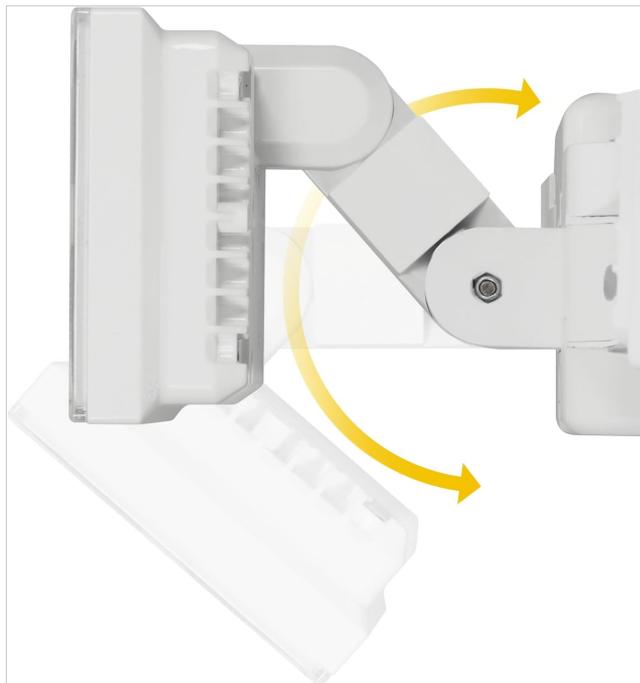
A detailed view of the motion sensor, located at the bottom of the floodlight, which detects movement to activate the light.

OPERATING INSTRUCTIONS

Your Koda Security Floodlight is equipped with adjustable features to customize its performance to your needs. All light settings can be adjusted using the controls located on the bottom of the motion sensor.

Adjusting Lamp Heads and Motion Sensor

- **Lamp Head Position:** The three LED lamp heads can be adjusted independently up, down, and side-to-side to direct light to your desired areas.
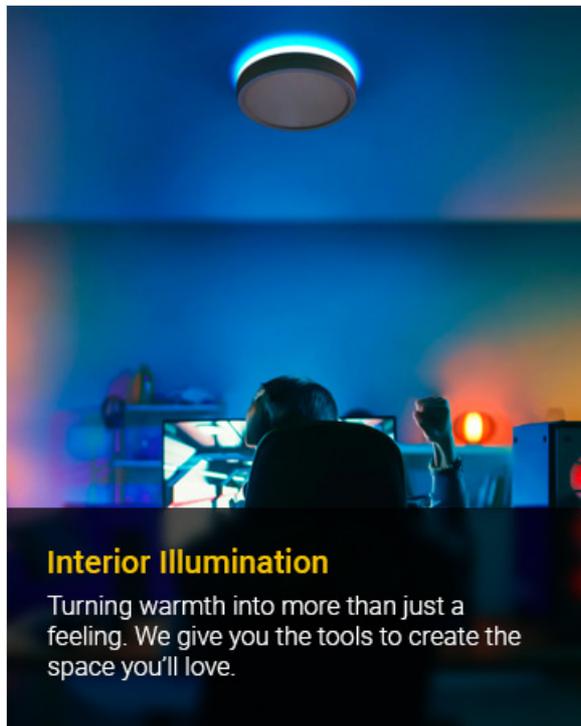

This image highlights the adjustable nature of the three lamp heads, allowing users to direct light as needed.

- **Motion Sensor Adjustment:** The motion sensor itself can also be moved horizontally to best fit your needs, providing optimal coverage.

Control Settings (Located on the bottom of the motion sensor)

- **SENS (Motion Detection Range):** This control adjusts the motion detection range and sensitivity. The setting with the largest black bar represents the longest and most sensitive range, capable of reaching up to 70 feet. Adjust this to your preferred range (close, medium, or far).
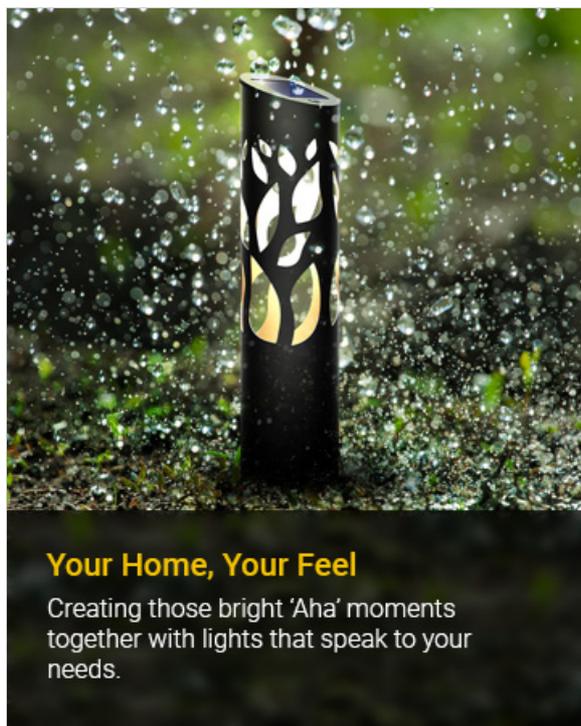
Interior Illumination

Turning warmth into more than just a feeling. We give you the tools to create the space you'll love.

A person is shown walking into the floodlight's detection zone, causing the light to activate, showcasing its advanced motion sensing capabilities.

- **LUX (Ambient Light Sensor):** This setting controls the ambient light sensor, determining when the light activates based on natural light levels. It can keep the light either on or off during daylight hours to save energy.

Your Home, Your Feel

Creating those bright 'Aha' moments together with lights that speak to your needs.

This image contrasts the floodlight's appearance during the day (off) and night (on), demonstrating the automatic ambient light sensor's function.

- **CLOCK (Light Duration):** This control determines how long the light stays on after motion has been detected. You can choose between 1, 3, or 7 minutes.
- **Brightness:** You can set the brightness level to either high or low, depending on your illumination needs.

KODA™

Lighting the way for a better tomorrow, one memorable moment at a time.

Lights are more than a fixture, more than just a household necessity. The right lights create joy, do good for our environment, and add brightness to life while serving as an expression of you. Our passion for creating innovative and energy efficient lighting products comes from our intense focus on you. Your happiness is our happiness, and your planet is our planet. When our products light up your life's most memorable moments, our world gets a little brighter.

The floodlight is shown in action, casting a wide, bright light on a wall, illustrating its powerful and adjustable LED output.

- **PIR Sensor Indicator:** The blue LED light in the motion sensor will flash when motion is detected, indicating that the PIR sensor is working correctly.

Maintenance

To ensure the longevity and optimal performance of your Koda Security Floodlight, follow these simple maintenance guidelines:

- **Cleaning:** Periodically clean the lamp heads and motion sensor with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or components.
- **Inspect Connections:** Annually inspect all electrical connections to ensure they are secure and free from corrosion. Tighten any loose connections, especially at the terminal board, as temperature changes can cause metal parts to contract.
- **Check for Obstructions:** Ensure that the motion sensor and light heads are free from any obstructions (e.g., overgrown branches, debris) that could interfere with their operation.

The floodlight is depicted with water droplets, emphasizing its robust aluminum construction and ability to withstand various weather conditions.

TROUBLESHOOTING

If you experience issues with your Koda Security Floodlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power; LUX setting too high; Motion sensor obstructed or misaligned.	Check main power breaker. Adjust LUX setting to a lower level (e.g., moon icon for night-only operation). Ensure motion sensor is clear and correctly oriented.
Light stays on too long or too short.	CLOCK setting is incorrect.	Adjust the CLOCK setting on the motion sensor to your desired duration (1, 3, or 7 minutes).
Motion sensor is not detecting movement.	SENS setting too low; Motion sensor misaligned or obstructed; Loose wire connections.	Increase the SENS setting. Adjust the motion sensor's position and clear any obstructions. Check and tighten wire connections at the terminal board.
Light stops working in cold weather.	Wire connections may have contracted due to cold.	Turn off power at the breaker, then check and tighten the three wires connected to the mounting plate at the terminal board.

SPECIFICATIONS

Feature	Detail
Brand	Koda
Model Number	LM030022-1
UPC	840010300222

Feature	Detail
Color	White
Material	Aluminum
Light Fixture Form	Floodlight
Product Dimensions	11.8"L x 5.6"W x 8.7"H
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Installation Type	Wall Mount, Ceiling Mount
Special Feature	Motion Sensor
Control Method	Remote (as per spec), Manual controls on sensor (as per video)
Light Source Type	LED
Number of Light Sources	3
Voltage	120 Volts
Light Color	White
Wattage	42.6 watts
Brightness	3000 Lumen
Motion Sensing Range	Up to 70 ft with 240-degree sensing
Certifications	ENERGY STAR Certified, CSA Certified
Item Weight	2.4 Pounds
Assembly Required	Yes

WARRANTY AND SUPPORT

The Koda Outdoor Motion Activated LED Security Floodlight is rigorously tested to withstand various weather elements and comes with a standard manufacturer's warranty. For specific warranty details, technical support, or any further questions, please contact Koda customer support.
You can also find additional installation videos and support resources on the official Koda YouTube channel.