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## Reoshine AA-83

# Reoshine Motion Sensor LED Puck Lights User Manual

Model: AA-83

## INTRODUCTION

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Thank you for choosing Reoshine Motion Sensor LED Puck Lights. This manual provides detailed instructions for the safe and efficient use of your new lighting product. Please read this manual thoroughly before installation and operation, and retain it for future reference.



Image: Three Reoshine Motion Sensor LED Puck Lights, showcasing their compact, round design with a central motion sensor and LED array.

## PRODUCT FEATURES

- **Brightness & Dimmability:** Up to 150 lumens with 6000K clean white light. Adjustable brightness from 20LM (min) to 150LM (max).
- **Advanced Motion Sensor:** Features Reoshine Constant-Sense technology for reliable motion detection.
- **Three Operating Modes:**
  - **Continuous ON:** Light remains on constantly.
  - **AUTO NIGHT:** Motion detection activates light only in dark or dim conditions.
  - **AUTO DAY & NIGHT:** Motion detection activates light in both day and night conditions.

- **Energy Efficient:** Powered by 3 AA batteries (not included), offering up to 12 months of use in motion sensor mode (based on 10 activations per day, 20 seconds each).
- **Cordless Installation:** Designed for areas without electrical access.
- **Versatile Mounting:** Can be installed using strong 3M adhesives with magnetic backing or screws.
- **Wide Application:** Suitable for closets, cabinets, kitchens, stairs, wardrobes, attics, basements, bedrooms, and other indoor spaces.

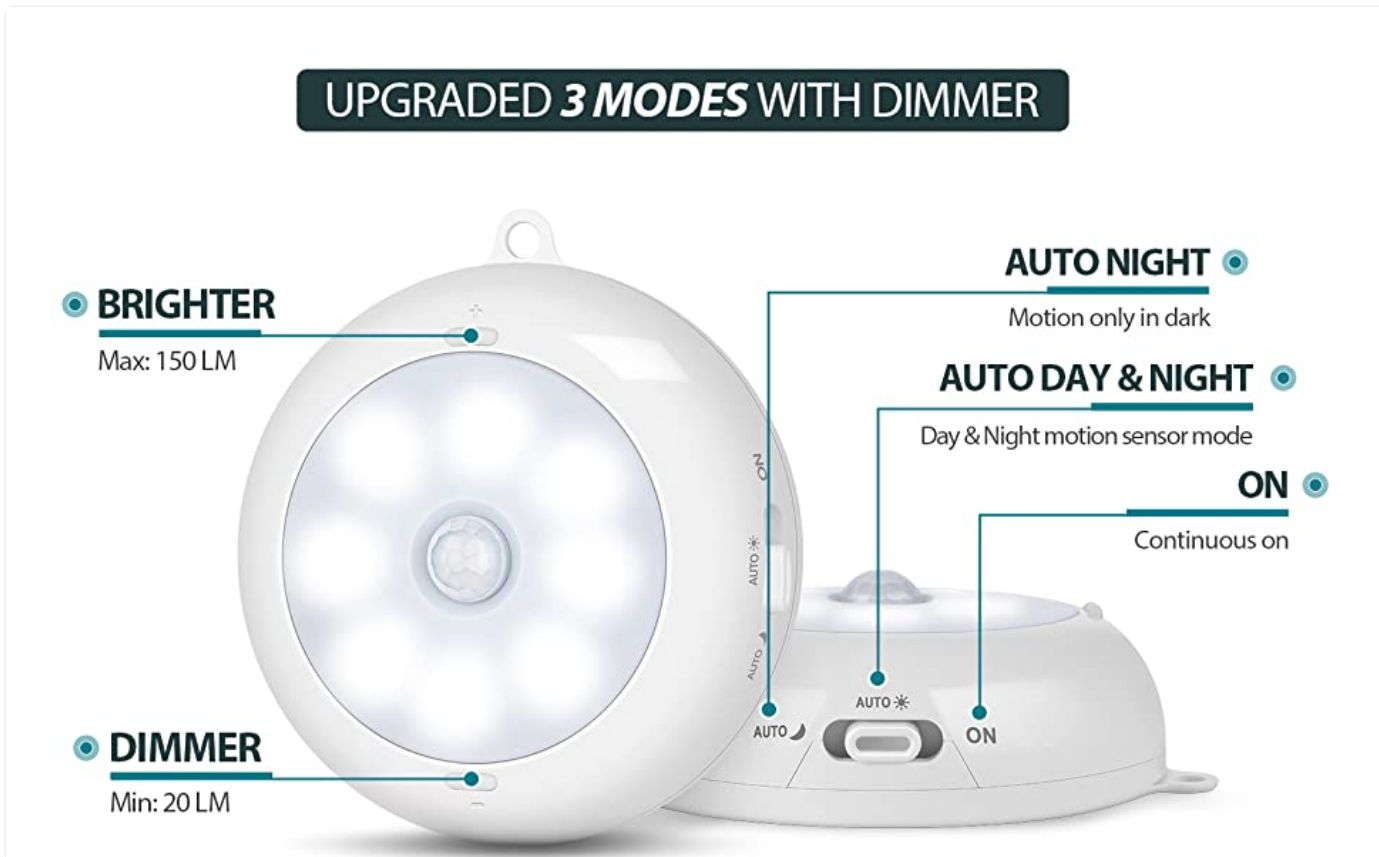


Image: A detailed diagram showing the three operating modes (ON, AUTO NIGHT, AUTO DAY & NIGHT) and the dimmer controls (+/- buttons) on the Reoshine puck light.

## PACKAGE CONTENTS

The package includes the following items:

- Reoshine Motion Sensor LED Puck Lights (3 units)
- Adhesive Iron Sheets (for magnetic mounting)
- Screws (for screw mounting)

*Note: 3 AA batteries are required per light and are not included in the package.*

## SPECIFICATIONS

Parameter	Value
Model Number	AA-83
Light Source Type	LED

Parameter	Value
Color Temperature	6000K Clean White
Brightness	20-150 Lumens (Dimmable)
Power Source	3 x AA Batteries (per light)
Voltage	4.5 Volts
Wattage	3 Watts
Product Dimensions	3.35"D x 3.35"W x 1.04"H
Item Weight	7.8 ounces (per light)
Material	Acrylonitrile Butadiene Styrene (ABS)
Indoor/Outdoor Usage	Indoor Use Only
Control Method	Touch, Motion Sensor

## SETUP & INSTALLATION

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The Reoshine Motion Sensor LED Puck Lights offer two primary installation methods: adhesive magnetic mounting or screw mounting.

### 1. Battery Installation

1. Gently twist the back cover of the light counter-clockwise to open the battery compartment.
2. Insert three (3) AA batteries into the compartment, ensuring correct polarity (+/-).
3. Replace the back cover by aligning it and twisting clockwise until secure.

# TWO WAYS OF INSTALLATION



Image: A visual guide demonstrating the two installation methods (adhesive magnetic and screw mounting) and the battery compartment for 3 AA batteries.

## 2. Mounting Options

### Option A: Adhesive Magnetic Mounting

1. Clean the desired installation surface thoroughly to ensure it is dry and free of dust or grease.
2. Peel the protective film from one side of an adhesive iron sheet.
3. Attach the adhesive side firmly to the clean installation surface.
4. The light has a built-in magnet. Simply attach the light to the iron sheet. This allows for easy removal for battery replacement.

### Option B: Screw Mounting

1. Separate the back plate from the light unit.
2. Position the back plate on the desired surface and mark the screw holes.

3. Drill pilot holes if necessary.
4. Secure the back plate to the surface using the provided screws.
5. Attach the light unit to the secured back plate.

**Recommended Installation Locations:** Under cabinets, inside closets, along stairways, in hallways, or any indoor area requiring supplemental lighting.

## OPERATING INSTRUCTIONS

The Reoshine Motion Sensor LED Puck Light features a slide switch for mode selection and +/- buttons for brightness adjustment.

### 1. Mode Selection

Locate the slide switch on the side of the light. Move the switch to select one of the following modes:

- **ON:** The light will remain continuously on, regardless of motion or ambient light conditions.
- **AUTO NIGHT (Moon Icon):** In this mode, the motion sensor will activate the light only when motion is detected in dark or dim environments. The light will turn off approximately 20 seconds after motion ceases.
- **AUTO DAY & NIGHT (Sun/Moon Icon):** In this mode, the motion sensor will activate the light when motion is detected, regardless of ambient light conditions (day or night). The light will turn off approximately 20 seconds after motion ceases.

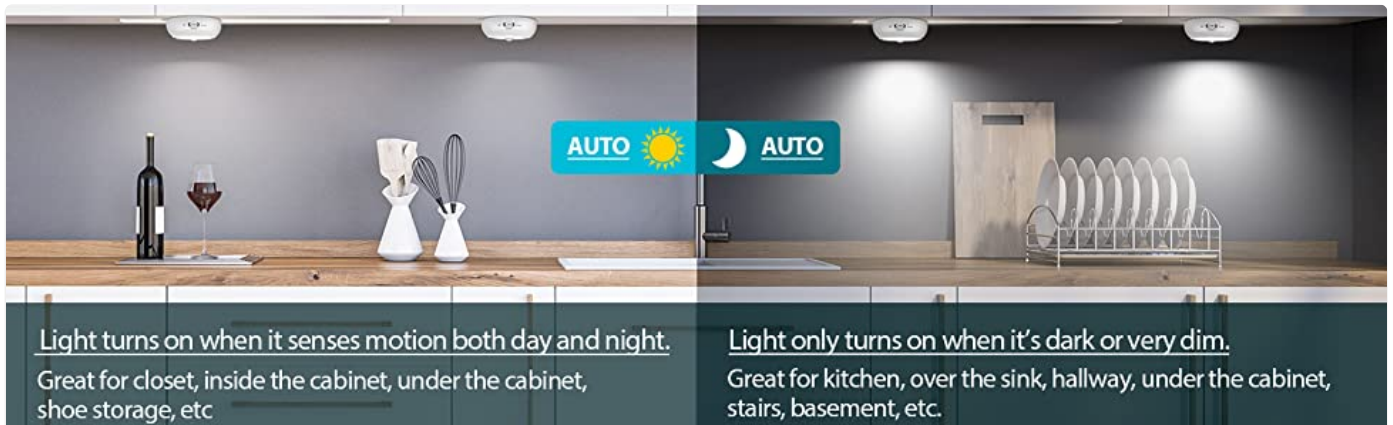


Image: A visual comparison of the "Day & Night Motion Sensor Mode" (light activates with motion in any light condition) and "Night Sensor Mode" (light activates with motion only in dark conditions).

### 2. Brightness Adjustment

To adjust the brightness, use the '+' and '-' buttons located on the light unit:

- Press the '+' button to increase the brightness.
- Press the '-' button to decrease the brightness.

The brightness can be adjusted between 20 lumens (minimum) and 150 lumens (maximum).

### 3. Motion Sensor Operation

The integrated motion sensor has a detection angle of 120 degrees and a range of up to 10 feet. The light will remain on as long as continuous motion is detected within its range. After approximately 20 seconds of no detected motion, the light will automatically turn off (in AUTO modes).

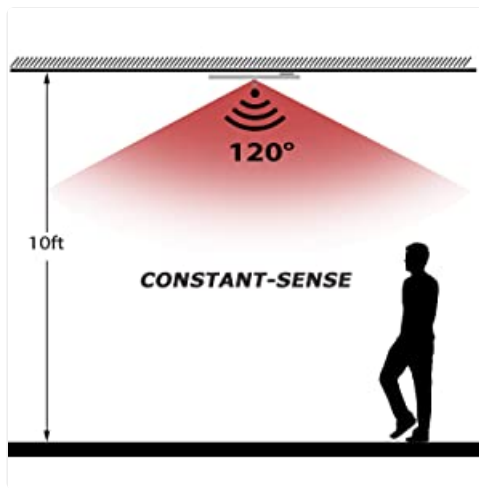


Image: A diagram showing a person walking and the 120-degree, 10-foot detection range of the motion sensor.

## MAINTENANCE

- **Cleaning:** Wipe the light surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** When the light output diminishes or the motion sensor becomes less responsive, it is time to replace the batteries. Always replace all three AA batteries simultaneously with new ones. Do not mix old and new batteries or different battery types.
- **Battery Disposal:** Dispose of used batteries according to local regulations.
- **Storage:** If storing the lights for an extended period, remove the batteries to prevent leakage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> <li>◦ Batteries are dead or incorrectly installed.</li> <li>◦ Light is in AUTO NIGHT mode, but the environment is too bright.</li> <li>◦ No motion detected within range.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check battery polarity and replace with fresh AA batteries.</li> <li>◦ Switch to AUTO DAY &amp; NIGHT mode or test in a darker area.</li> <li>◦ Ensure motion occurs within 10 feet and 120-degree angle.</li> </ul>
Light stays on continuously in AUTO mode.	<ul style="list-style-type: none"> <li>◦ Constant motion detected.</li> <li>◦ Light is set to ON mode.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Relocate the light to an area with less constant activity.</li> <li>◦ Verify the slide switch is set to AUTO NIGHT or AUTO DAY &amp; NIGHT.</li> </ul>
Light is dim or flickers.	<ul style="list-style-type: none"> <li>◦ Low battery power.</li> <li>◦ Brightness setting is too low.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Replace all AA batteries with fresh ones.</li> <li>◦ Press the '+' button to increase brightness.</li> </ul>

Problem	Possible Cause	Solution
Adhesive mounting fails.	<ul style="list-style-type: none"><li>◦ Surface was not clean or dry.</li><li>◦ Surface is unsuitable (e.g., porous, textured).</li></ul>	<ul style="list-style-type: none"><li>◦ Clean and dry the surface thoroughly before applying new adhesive.</li><li>◦ Consider screw mounting for uneven or difficult surfaces.</li></ul>

## WARRANTY & SUPPORT

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Reoshine products are designed for reliability and performance. For any questions, concerns, or technical support regarding your Motion Sensor LED Puck Lights, please contact Reoshine customer service.

Please refer to your purchase documentation or the retailer's website for specific warranty details and contact information. You can also visit the [Reoshine Store on Amazon](#) for more information and product updates.

