

MR BEAMS MB391-BRN

Mr Beams MB391-BRN Wireless Motion-Activated Outdoor LED Spotlight User Manual

Model: MB391-BRN

INTRODUCTION

Thank you for choosing the Mr Beams MB391-BRN Wireless Motion-Activated Outdoor LED Spotlight. This product is designed to provide bright, motion-activated illumination for enhanced safety and security around your property. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

SAFETY INFORMATION

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Dispose of used batteries properly according to local regulations.
- Ensure the battery compartment is sealed correctly to maintain weather resistance.
- Do not stare directly into the LED light source.
- Install the spotlight in a location where it is protected from direct impact.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Mr Beams MB391-BRN Wireless Motion-Activated Outdoor LED Spotlight
- Mounting Hardware (screws and anchors)
- User Manual



Image: Front view of the Mr Beams MB391-BRN spotlight product packaging, showing the spotlight and key features.

PRODUCT OVERVIEW

The Mr Beams MB391-BRN spotlight features a durable, weather-resistant design with a powerful LED light and an integrated motion sensor.



Image: Close-up view of the Mr Beams MB391-BRN spotlight, highlighting the LED lights and motion sensor on the front face.

Key components include:

- **LED Lights:** Provide 450 lumens of bright illumination.
- **Motion Sensor:** Detects movement up to 30 feet away.
- **Dusk-to-Dawn Sensor:** Ensures the light only activates in low-light conditions.
- **Adjustable Fixture:** Allows for optimal light coverage.
- **Battery Compartment:** Houses 4 D-cell batteries (not included).

SETUP

1. Battery Installation

1. Twist the front cover of the spotlight counter-clockwise to open the battery compartment.
2. Insert 4 new D-cell batteries (not included), ensuring correct polarity (+/-).
3. Replace the front cover by aligning the marks and twisting clockwise until securely sealed.

2. Mounting the Spotlight

The spotlight can be easily installed on various surfaces such as walls, fences, or eaves. Select a location that provides the desired light coverage and motion detection range.

1. Position the mounting base against the desired surface.
2. Mark the screw holes using a pencil.
3. Drill pilot holes if necessary (for wood) or insert wall anchors (for masonry/drywall).
4. Secure the mounting base with the provided screws.
5. Attach the spotlight to the mounted base and adjust the angle for optimal light direction.



Surprisingly **Bright Light** Anywhere!

Luz sorprendentemente brillante en cualquier parte

LED UltraBright Spotlight
Proyector de luz LED UltraBright





Image: A Mr Beams spotlight illuminating a backyard area at night, demonstrating potential placement and light coverage.

OPERATING INSTRUCTIONS

- **Automatic Activation:** The spotlight will automatically turn on when motion is detected within its 30-foot range and ambient light levels are low (dusk-to-dawn sensor).
- **Automatic Shut-off:** The light will turn off approximately 20 seconds after motion ceases.
- **Light Coverage:** The 450-lumen LED provides illumination for up to 675 square feet.
- **Weatherproof Design:** The unit is designed for outdoor use and is resistant to weather conditions.

MAINTENANCE

- **Battery Replacement:** Replace all 4 D-cell batteries when the light output diminishes or the unit stops functioning. Average battery life is 1 year with 8 activations per night.
- **Cleaning:** Wipe the motion sensor and LED lens periodically with a soft, damp cloth to ensure optimal performance. Do not use abrasive cleaners.
- **LED Durability:** The integrated LED is designed to last for 30,000 hours and does not require replacement.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none">• Dead or incorrectly installed batteries.• Insufficient darkness (dusk-to-dawn sensor active).• Motion sensor obstructed or out of range.	<ul style="list-style-type: none">• Replace batteries, ensuring correct polarity.• Test in a darker environment.• Clear obstructions from the sensor and ensure motion is within 30 feet.
Light stays on continuously or cycles rapidly.	<ul style="list-style-type: none">• Continuous motion in sensor range.• Sensor picking up environmental factors (e.g., moving branches, reflections).	<ul style="list-style-type: none">• Adjust spotlight angle or relocate to avoid constant motion.• Ensure sensor is not facing reflective surfaces or dense foliage.
Light is dim.	<ul style="list-style-type: none">• Low battery power.	<ul style="list-style-type: none">• Replace all 4 D-cell batteries.

SPECIFICATIONS

Model Number	MB391-BRN
Light Output	450 Lumens
Light Coverage	Up to 675 sq ft
Motion Sensor Range	Up to 30 ft (9.1 m)
Auto Shut-off Time	20 seconds (after no motion)
Power Source	4 x D-cell batteries (not included)
Battery Life	Approximately 1 year (based on 8 activations/night)

Light Source Type	LED (30,000 hours lifespan)
Indoor/Outdoor Use	Outdoor
Color	Brown
Material	Plastic
Product Dimensions	10.8 x 10.8 x 19.05 cm; 376 g
Manufacturer	Wireless Environment, LLC

WARRANTY

This product is covered by the manufacturer's 1-year limited warranty. For details regarding warranty claims, please refer to the official Mr Beams website or contact customer support.

SUPPORT

For further assistance, technical support, or to view additional product information, please visit the official Mr Beams website: www.mrbeams.com.

You may also find information regarding patents at www.mrbeams.com/patents.

