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> Mr Beams MB981 LED Ceiling Light Instruction Manual

Mr Beams MB981

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INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mr Beams MB981 LED Ceiling Light. Please read these instructions carefully before use to ensure proper function and safety. This battery-powered, motion-activated LED light is designed for convenient illumination in various indoor and outdoor locations.



Image: The Mr Beams MB981 LED Ceiling Light, a white, circular, battery-operated light fixture, shown from a slight angle.

SETUP AND INSTALLATION

Included Components

- Mr Beams MB981 LED Ceiling Light
- Mounting Screws
- Screw Anchors
- User Manual (this document)

Battery Installation

The Mr Beams MB981 LED Ceiling Light requires 4 "C" size batteries (not included).

1. Twist the light fixture counter-clockwise to detach it from the mounting base.
2. Locate the battery compartment on the back of the light fixture.

3. Insert 4 "C" batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Reattach the light fixture to the mounting base by aligning the tabs and twisting clockwise until secure.

Mounting Instructions

The light can be mounted on a wall or ceiling.

1. Choose a desired mounting location. Ensure the surface is suitable for drilling.
2. Detach the mounting base from the light fixture by twisting counter-clockwise.
3. Position the mounting base against the chosen surface and mark the screw hole locations.
4. Drill pilot holes at the marked locations. If mounting into drywall, insert the provided screw anchors.
5. Secure the mounting base to the surface using the provided screws.
6. Align the light fixture with the secured mounting base and twist clockwise until it locks into place.



Image: Hands demonstrating how to attach the light fixture to its mounting base, showing the twist-lock mechanism for installation.

OPERATION

Motion Activation

The Mr Beams MB981 LED Ceiling Light is equipped with a motion sensor that automatically turns the light on when motion is detected within its range. The motion sensor has a detection angle of 140° and a range of up to 20 feet.

- The light will activate only in dark conditions to conserve battery life.
- Ensure the motion sensor is not obstructed for optimal performance.

Automatic Shut-Off

The light will automatically turn off 20 seconds after the last motion is detected. This feature helps to maximize battery efficiency.

Operating Conditions

The light is designed to operate in temperatures ranging from 0°F to 131°F (-17°C to 55°C). It has an IPX4 weatherproof rating, making it suitable for damp locations but not for submersion.



Image: The Mr Beams MB981 LED Ceiling Light installed on a ceiling, providing illumination to a mudroom area with coats hanging below.



Image: The Mr Beams MB981 LED Ceiling Light installed on a ceiling, providing illumination to a laundry room with shelves and baskets.



Image: The Mr Beams MB981 LED Ceiling Light installed on a shower ceiling, providing light in a tiled shower stall.

MAINTENANCE

Battery Replacement

When the light output appears dim or the motion sensor becomes less responsive, it is time to replace the batteries. Follow the battery installation steps outlined in the "Setup and Installation" section.

- Always replace all 4 "C" batteries at the same time.
- Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries according to local regulations.

Cleaning

To clean the light fixture, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electronic components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none">Batteries are dead or incorrectly installed.Insufficient darkness for activation.Motion sensor is obstructed.	<ul style="list-style-type: none">Replace batteries, ensuring correct polarity.Test in a darker environment.Clear any obstructions from the sensor.
Light stays on continuously or turns on without motion.	<ul style="list-style-type: none">Motion sensor is detecting constant movement (e.g., pets, drafts).Light is placed in an area with high ambient light, confusing the sensor.	<ul style="list-style-type: none">Adjust the light's position or angle to minimize false triggers.Ensure the installation area is sufficiently dark for proper operation.
Light is dim.	<ul style="list-style-type: none">Batteries are low.	<ul style="list-style-type: none">Replace all batteries with new "C" size batteries.

PRODUCT SPECIFICATIONS

Model	MB981
Luminous Flux	200 Lumens
Light Color Temperature	3200K (Warm White)
Lighting Modes	Motion Activated
Motion Angle of Detection	140°
Motion Range	Up to 20 ft. (6 meters)
Auto Shut Off	20 Seconds
Power Source	4 x "C" Batteries (not included)
Operating Conditions	0°F to 131°F (-17°C to 55°C)
Mounting	Wall or Ceiling
Weatherproof Rating	IPX4
Unit Dimensions	1.93 x 6.3 x 6.3 Inches (4.9 x 16 x 16 cm)
Unit Weight	0.77 Pounds (0.35 kg)

WARRANTY INFORMATION

All Mr Beams products are guaranteed against defects in workmanship and materials for 1 year from the date of purchase. For warranty claims or further details, please refer to the official Mr Beams website or contact customer support.

SUPPORT

For additional information, product support, or to view frequently asked questions, please visit the official Mr Beams product support page. You can find more details by searching for "Mr Beams support" online.

