

Brightever BVR-MSL-15W-2PACK

Brightever Motion Sensor LED Ceiling Light (Model BVR-MSL-15W-2PACK) - Instruction Manual

Brand: Brightever | Model: BVR-MSL-15W-2PACK

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Brightever Motion Sensor LED Ceiling Light, Model BVR-MSL-15W-2PACK. This flush mount fixture features a PIR motion sensor, three selectable color temperatures (3000K, 4000K, 5000K), and energy-efficient LED lighting, designed for various indoor and outdoor applications such as hallways, closets, and stairways.



Figure 1: Front view of two Brightever Motion Sensor LED Ceiling Lights.

2. IMPORTANT SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only copper supply wires rated for 90°C.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create safety hazards.
- Ensure the mounting surface can support the weight of the fixture.
- Keep packaging materials away from children.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Brightever Motion Sensor LED Ceiling Light (2 units)
- Mounting Hardware (screws, wire nuts)

- Instruction Manual (this document)

4. PRODUCT SPECIFICATIONS

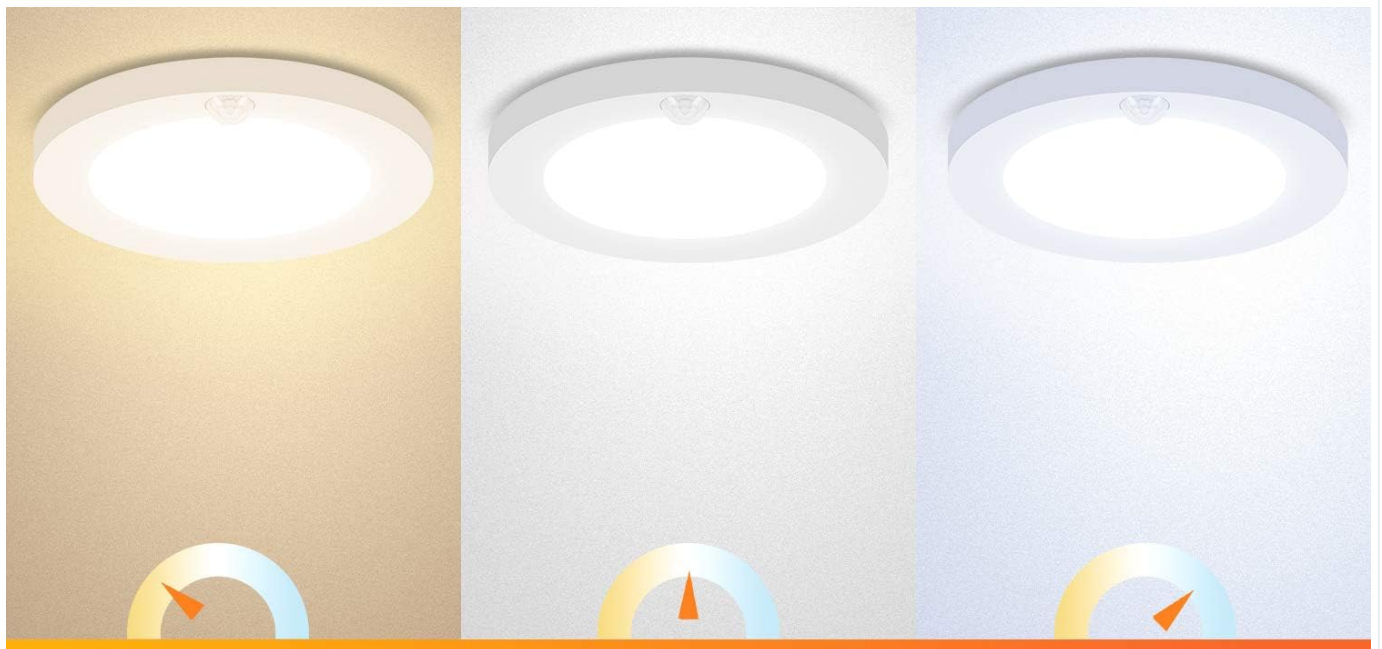
Brand	Brightever
Model Number	BVR-MSL-15W-2PACK
Power Source	Corded Electric (Hardwired)
Wattage	15 Watts (100W Incandescent Equivalent)
Brightness	1200 Lumens
Color Temperatures	3000K (Warm White), 4000K (Daylight White), 5000K (Cool White)
Motion Sensor Type	PIR (Passive Infrared)
Motion Detection Range	9.8 - 19.6 feet (3 - 6 meters)
Auto-Off Timer	60 seconds (after no motion detected)
Beam Angle	360°
Detection Angle	120°
Lifespan	25,000+ hours
Dimensions	7.5 x 7.5 x 7.5 inches
Installation Type	Flush Mount
Indoor/Outdoor Usage	Outdoor (Water Resistant)

5. SETUP & INSTALLATION

Follow these steps to properly install your Motion Sensor LED Ceiling Light. It is recommended to have a qualified electrician perform the installation if you are unfamiliar with electrical wiring.

5.1 Before Installation

- 1. Turn off Power:** Locate the circuit breaker controlling the light fixture's location and turn off the power. Verify power is off using a voltage tester.
- 2. Select Color Temperature:** Before mounting, choose your desired color temperature (3000K, 4000K, or 5000K) using the switch located on the back of the fixture. This switch is not accessible after installation.



**WARM
WHITE**

3000K

**DAYLIGHT
WHITE**

4000K

**COOL
WHITE**

5000K

3 color temperatures to choose from, decorate your space with the perfect lighting solution



Easy to Adjust Switch

Note: please set the lighting temperature right before installation.

Figure 2: Adjusting the color temperature switch on the back of the fixture before installation.



Size Display

Note: please check the size carefully before purchasing!

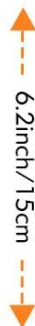


Figure 3: Detailed view of the color temperature selection switch.

5.2 Wiring and Mounting

1. Connect the fixture's wires to your household wiring: black to black (live), white to white (neutral), and bare copper to bare copper (ground). Secure connections with wire nuts.
2. Align the fixture with the mounting holes in your junction box.
3. Secure the fixture to the ceiling using the provided mounting hardware. Ensure it is flush and stable.
4. Once secured, turn the light cover clockwise to lock it into place.
5. Restore power at the circuit breaker.

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Video 1: User demonstration of unboxing and showing the wiring connections and color temperature switch on the Brightever Motion Sensor LED Ceiling Light.
This video provides a visual guide to the internal components and initial setup steps.

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Video 2: Official product video demonstrating the installation process of the Motion Sensor LED Ceiling Light, including wiring and securing the fixture to the ceiling.

6. OPERATING INSTRUCTIONS

6.1 Motion Sensor Functionality

The Brightever Motion Sensor LED Ceiling Light is equipped with a PIR (Passive Infrared) motion sensor. The light will automatically turn on when motion is detected within its range and will turn off approximately 60 seconds after no motion is detected. This feature helps conserve energy and provides light only when needed.

- **Detection Range:** The sensor can detect motion from 9.8 to 19.6 feet (3 to 6 meters).
- **Detection Angle:** The sensor has a 120° detection angle.
- **Beam Angle:** The light provides a 360° beam angle for wide illumination.

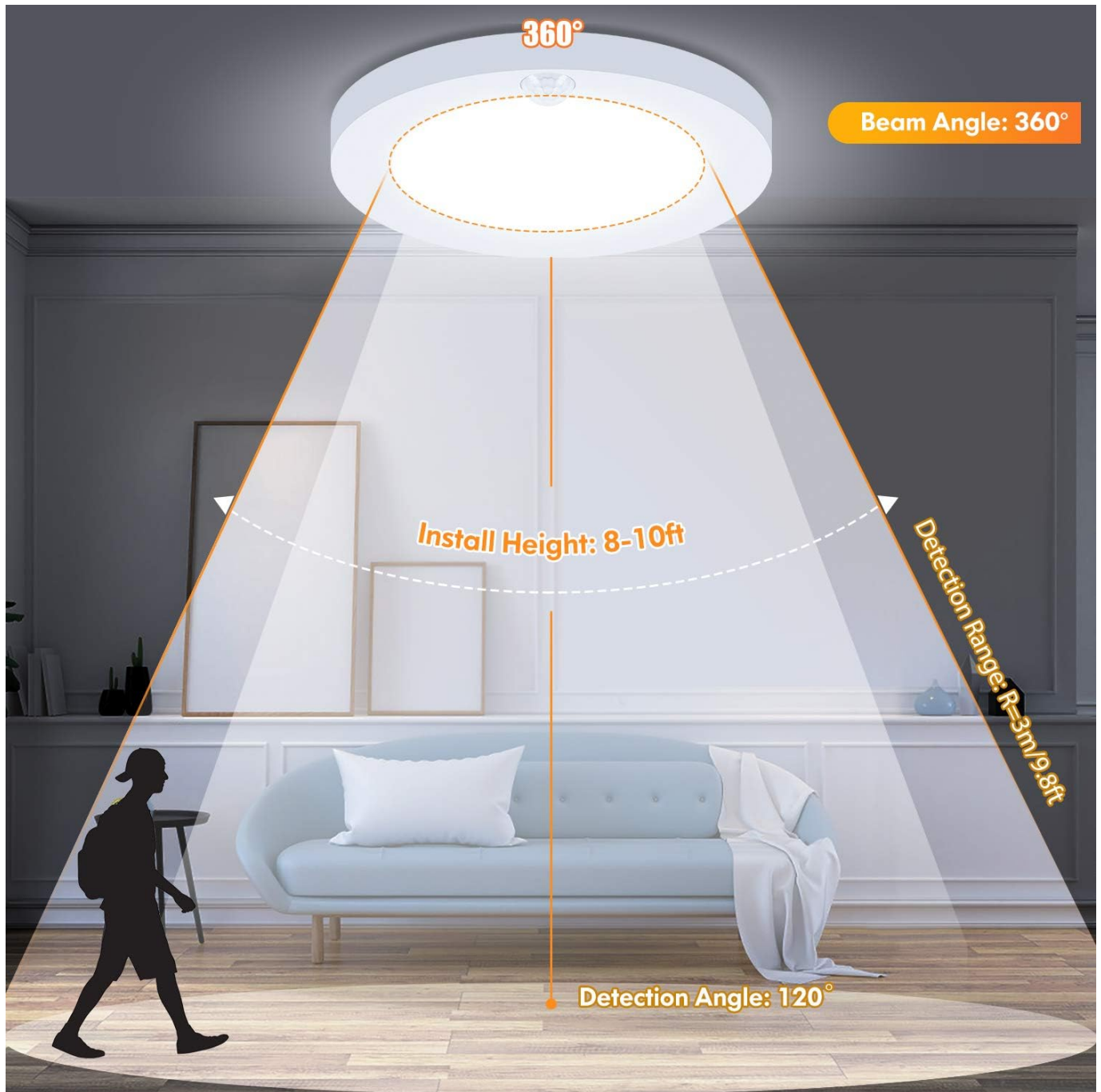


Figure 4: Motion sensor detection range and angles.

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Video 3: User demonstration of the motion sensor LED ceiling lights installed in an attic, showing how they automatically turn on when motion is detected.

6.2 Color Temperature

The color temperature is set during installation using a switch on the back of the fixture. It cannot be changed during operation without dismounting the fixture. Choose from:

- **3000K:** Warm White, ideal for creating a cozy atmosphere.
- **4000K:** Daylight White, suitable for general tasks and everyday lighting.
- **5000K:** Cool White, best for task lighting and areas requiring high visibility.

Different Color Options

Choose your favorite colors to create a romantic atmosphere for your sweet home



Figure 5: Examples of different color temperatures (3000K and 5000K) in various settings.

7. MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** This fixture uses integrated LED components and does not require bulb replacement.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Incorrect wiring. Motion sensor obstructed or faulty.	Check circuit breaker and wall switch. Verify wiring connections (black to black, white to white, ground to ground). Ensure motion sensor is clear and not covered. Test sensor by moving within range.
Light stays on continuously.	Constant motion detected. Sensor sensitivity too high. Faulty sensor.	Ensure no continuous motion in the detection area. Check if the light is installed in an area with constant air movement or heat sources that might trigger the sensor. If problem persists, contact support.
Light flickers or is dim.	Loose wiring connection. Power supply issue. Fixture damage.	Turn off power and re-check all wiring connections. Consult an electrician to check household power supply. If damaged, discontinue use and contact support.
Motion sensor not detecting.	Obstruction. Incorrect placement. Sensor malfunction.	Remove any objects blocking the sensor's view. Ensure the sensor is positioned to cover the desired area (120° detection angle). If problem persists, contact support.

9. WARRANTY & SUPPORT

Brightever products come with a limited warranty. For specific warranty details, please refer to the documentation included with your purchase or visit the official Brightever website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Brightever customer service through the retailer where the product was purchased or via the contact information provided on the Brightever website.

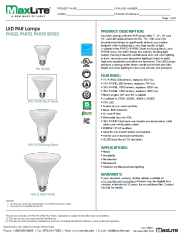
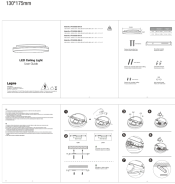



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Related Documents - BVR-MSL-15W-2PACK

	<p>Fiche Technique Projecteur Indigo Lighting Curtis Sensor Plus 15W 1700Lm IP54 OU47424</p> <p>Spécifications techniques complètes pour le projecteur d'extérieur Indigo Lighting Curtis Sensor Plus OU47424. Ce luminaire de 15W offre 1700Lm, une protection IP54, un détecteur de mouvement IR réglable, et une température de couleur sélectionnable (3000K, 4000K, 5000K).</p>
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	<p>MaxLite PAR20, PAR30, PAR38 LED Lamps - Energy Efficient Lighting Solutions</p> <p>Discover MaxLite's high-quality PAR20, PAR30, and PAR38 LED lamps. Offering energy efficiency, long life, and excellent light output for retail, hospitality, and residential applications. Available in various wattages, color temperatures, and beam angles.</p>
	<p>Lepro LED Ceiling Light User Guide: Installation and Specifications</p> <p>Detailed user guide for Lepro LED Ceiling Lights, including model specifications, installation instructions, safety information, and dimensions for PR1500024 and PR1500035 series.</p>
	<p>Ledeshi LED314 W34A LED Luminaire Installation Guide</p> <p>Detailed installation instructions for the Ledeshi LED314 W34A LED luminaire, covering wiring, mounting, and safety precautions. Features include IP54 rating and selectable color temperature.</p>
	<p>VJT120020AC9TWB VividHorse 15W/20W Selectable LED AC Engine Retrofit Kit</p> <p>Discover the Fulham VividHorse VJT120020AC9TWB, a 120V AC engine retrofit kit offering selectable 15W/20W power and 2700K-5000K CCT. Features high CRI 90, Energy Star, UL/cULus listing for dry/damp locations.</p>
	<p>Aura LED Opti T8 HF G3 Installation Manual - Aura Light</p> <p>Comprehensive installation manual for Aura Light's Opti T8 HF G3 LED tube. Includes safety warnings, technical specifications, step-by-step installation guide, and symbol explanations.</p>