LUXRITE LR23834

LUXRITE 6 Inch LED Motion Sensor Ceiling Light Instruction Manual

Model: LR23834

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LUXRITE 6 Inch LED Motion Sensor Ceiling Light, Model LR23834. This fixture features automatic motion detection, selectable color temperatures (3000K, 4000K, 5000K), and a wet rating for versatile indoor and outdoor use.

SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the circuit breaker or fuse box before installation or servicing.

- Read all instructions carefully before installation.

- Ensure the supply voltage is 120V AC.

- All wiring connections must be in accordance with local and national electrical codes. If you are unfamiliar with proper electrical wiring, consult a qualified electrician.

- Do not install near heat sources or in areas with excessive vibration.

- This fixture is suitable for wet locations.

PACKAGE CONTENTS

- 1 x LUXRITE 6 Inch LED Motion Sensor Ceiling Light (Model LR23834)

- Mounting Hardware (screws, wire nuts)

- Instruction Manual

SPECIFICATIONS

Brand	LUXRITE
Model Number	LR23834
Voltage	120V AC
Wattage	15 Watts
Brightness	1000 Lumens
Color Temperature	3000K (Soft White), 4000K (Cool White), 5000K (Bright White) - Selectable
Motion Sensor Range	16 feet at 90° detection angle
Recommended Installation Height	Up to 7.8 feet
Motion Sensor Timeout	30 seconds (after motion ceases)
Material	Acrylic, Metal
Installation Type	Flush Mount
Usage Environment	Indoor, Outdoor (Wet Rated)
Average Lifetime	50,000 Hours
Color Rendering Index (CRI)	80+
Product Dimensions	7.91 x 1.31 x 7.91 inches
Item Weight	13.76 ounces
Certifications	ETL Listed

SETUP AND INSTALLATION

Follow these steps for proper installation. Ensure power is OFF at the circuit breaker before beginning.

1. **Step 1: Select Color Temperature**
   Before mounting, locate the CCT (Correlated Color Temperature) switch on the back of the fixture. Select your desired color temperature: 3000K (Soft White), 4000K (Cool White), or 5000K (Bright White). This setting cannot be changed after installation without removing the fixture.

Image: The back of the light fixture showing the CCT switch for selecting color temperature.

2. **Step 2: Connect Wiring**

   Connect the corresponding color wires from the fixture to the wires in your junction box. Typically, this involves connecting black to black (live), white to white (neutral), and green/bare copper to green/bare copper (ground). Secure connections with wire nuts.
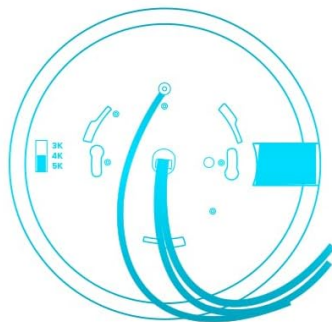
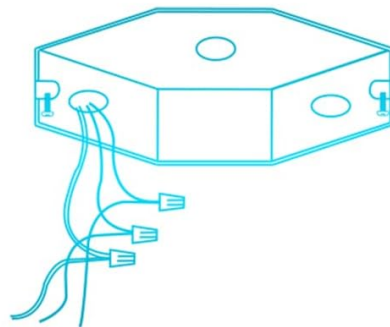Image: A diagram showing the electrical wiring process for the light fixture.

3. **Step 3: Attach Fixture to Junction Box**

   Carefully align the disk light with the junction box (not included) and secure it using the provided mounting screws. Ensure the fixture is flush against the ceiling.
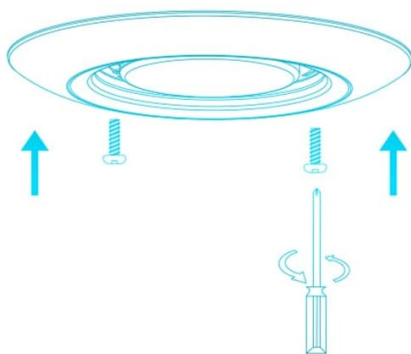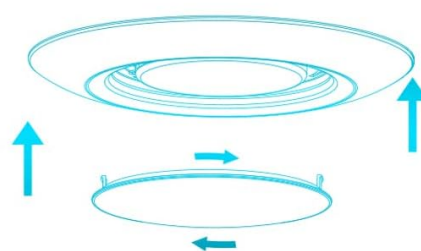
EASY INSTALLATION

1 Select color temperature using CCT switch on the back of the fixture

2 Connect cooresponding color wires in fixture to wires in box

3 Attach the disk light to the j-box (not included)

4 Twist the diffuser on light enclosure and lock in place

LUXRITE

Image: Step-by-step visual guide for installing the light fixture.

4. **Step 4: Secure Diffuser**
   Twist the diffuser onto the light enclosure and lock it securely in place.

Image: The assembled LUXRITE 6 Inch LED Motion Sensor Ceiling Light.

Recommended Installation Locations: Closets, hallways, pantries, entryways, utility rooms, patios, laundry rooms, and other areas where automatic lighting is beneficial.

Image: Examples of the light fixture installed in different home environments.

OPERATING INSTRUCTIONS

This fixture is designed for automatic, hands-free operation.

- **Motion Detection:** Once installed and power is restored, the light will automatically activate when motion is detected within its 16-foot range and 90° detection angle. The PIR (Passive Infrared) motion sensor is located on the fixture's surface.
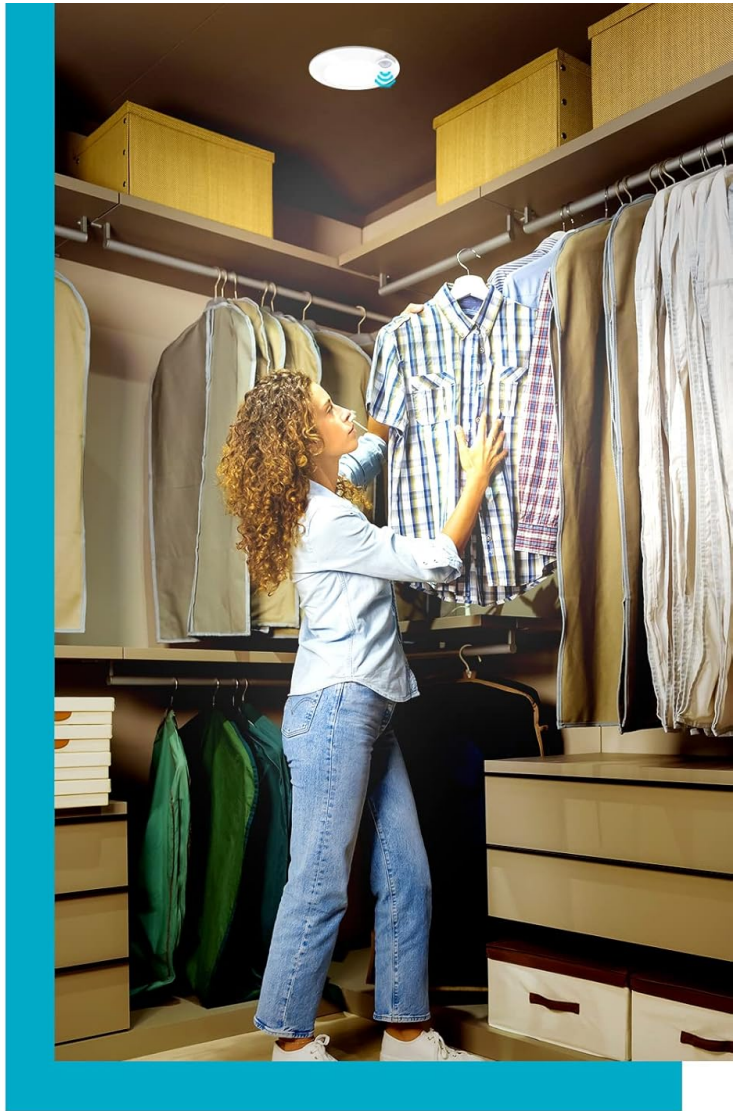
Image: Visual representation of the motion sensor's capabilities and recommended installation parameters.

- **Continuous Illumination:** The light will remain on as long as continuous motion is detected within its sensing area.
- **Automatic Shutoff:** After motion ceases, the light will automatically turn off after approximately 30 seconds.
- **Color Temperature:** The color temperature is set during installation using the CCT switch (3000K, 4000K, or 5000K).

MAINTENANCE

The LUXRITE LED Motion Sensor Ceiling Light requires minimal maintenance.

- **Cleaning:** Ensure power is disconnected before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **LED Lifespan:** The integrated LED chips have an average lifespan of 50,000 hours, meaning no bulb replacement is necessary for the life of the fixture.

TROUBLESHOOTING

If you encounter issues with your light fixture, refer to the following common problems and solutions:

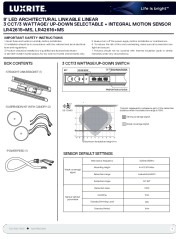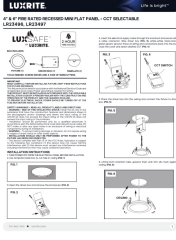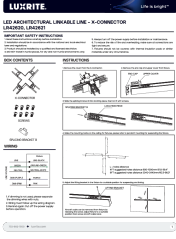| Problem	Possible Cause	Solution
Light does not turn on.	No power, incorrect wiring, CCT switch not set.	Check circuit breaker. Verify wiring connections. Ensure CCT switch is set to a color temperature.
Light does not detect motion.	Sensor obstructed, outside detection range, incorrect installation height.	Ensure sensor is clear. Verify motion is within 16ft range. Check installation height (max 7.8ft).
Light stays on continuously.	Constant motion in detection area, sensor malfunction.	Ensure no continuous motion is present. If problem persists, contact support.
Light flickers.	Loose wiring, incompatible dimmer (not designed for dimming).	Check wiring connections. This fixture is not designed for use with dimmers.

WARRANTY AND SUPPORT

This LUXRITE LED Motion Sensor Ceiling Light is backed by a **3-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact LUXRITE customer support. Refer to the product packaging or the official LUXRITE website for current contact information.

Related Documents - LR23834

[LUXRITE LR32076 LED Lighting Warranty Information](#)
Detailed warranty terms and conditions for the LUXRITE LR32076 LED lighting model, including general product warranty, disclaimers, and limitation of liability from ALLSTAR LIGHTING SUPPLIES INC.

[Luxrite LED Linear Strip Lights - 5CCT & Wattage Select](#)
Explore Luxrite's LED Linear Strip lights available in 24", 48", and 96" lengths. Features 5CCT color selection, wattage adjustability, sensor readiness, and optional battery backup. Includes electrical and photometric specifications, and motion sensor details.

[Luxrite 8' LED Architectural Linkable Linear Light Installation Guide](#)
Detailed installation guide for the Luxrite 8' LED Architectural Linkable Linear light, featuring 3 CCT/3 Wattage, Up-Down Selectable, and Integral Motion Sensor (Models LR42615+MS, LR42616+MS). Includes safety instructions, box contents, installation steps, and sensor parameters.

[Luxrite LED Ballast Compatibility List for LR34235, LR34236, LR34244, LR34245, LR34246](#)
Find compatible electronic ballasts for Luxrite LED tubes (models LR34235, LR34236, LR34244, LR34245, LR34246). This comprehensive list covers compatibility for 120V, 277V, and 347V systems, ensuring proper installation and performance.

[Luxrite 4" & 6" Fire Rated Recessed Mini Flat Panel Light - CCT Selectable Installation Guide](#)
Installation guide for the Luxrite LR23496 and LR23497 4-inch and 6-inch fire-rated recessed mini flat panel lights. Learn how to safely install your CCT selectable fixture.

[Luxrite LED Architectural Linkable Line X-Connector Installation Guide (LR42620, LR42621)](#)
Detailed installation guide for Luxrite LR42620 and LR42621 LED Architectural Linkable Line fixtures, including safety instructions, box contents, wiring, and mounting procedures.