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› Satco 65-1214 2FT LED Ceiling Wrap Light with Motion Sensor User Manual

Satco 65-1214

Satco 65-1214 2FT LED Ceiling Wrap Light with Motion Sensor User Manual

Model: 65-1214

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Satco 65-1214 2FT LED Ceiling Wrap Light with Motion Sensor. This fixture is designed for indoor use, offering CCT selectable lighting and integrated motion detection for enhanced energy efficiency and convenience. Please read these instructions thoroughly before installation and retain them for future reference.



Image 1.1: Overview of the Satco 65-1214 LED Ceiling Wrap Lights (shown as a 4-pack).

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. Improper wiring can result in electric shock or fire.

- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture (120-277V).
- Do not attempt to modify the fixture.
- Do not install in locations exposed to direct water spray or submersion. This fixture is damp rated for indoor use only.
- Wear safety glasses and gloves during installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation. The 4-pack typically includes:

- 4 x Satco 65-1214 LED Ceiling Wrap Light Fixtures
- Mounting Hardware (screws, wire nuts)
- Instruction Manual

4. PRODUCT FEATURES

The Satco 65-1214 LED Ceiling Wrap Light offers the following key features:

- **Motion Activated:** Built-in PIR sensor automatically turns the light on when motion is detected and off after a set time, enhancing safety and efficiency.
- **Selectable CCT:** Choose from five color temperature settings (2700K, 3000K, 3500K, 4000K, 5000K) to tailor light output to the space or task.
- **Energy Efficient:** Operates at 20 watts while delivering up to 1650 lumens.
- **Durable Construction:** White steel housing with a frosted polycarbonate lens for long-lasting durability and clean light diffusion.
- **Wide Voltage Compatibility:** Designed for 120–277V applications, suitable for both residential and commercial installations.
- **Non-Dimmable:** This fixture is not compatible with dimmer switches.
- **Damp Rated:** Suitable for use in damp indoor locations.

LED Wrap with PIR Sensor

2 Foot | CCT Selectable

65-1214



20
WATTS

90
CRI

COLOR SELECTABLE
2700K/3000K/3500K/4000K/5000K

1650
MAX LUMENS

50,000
LIFE HOURS

120-277V
RANGE VOLTAGE



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Image 4.1: Summary of key product specifications and features.

5. SETUP AND INSTALLATION

Follow these steps for proper installation. Ensure power is disconnected before proceeding.

5.1 Pre-Installation: Select Color Temperature (CCT)

Before mounting the fixture, select your desired color temperature. Locate the CCT selection switch on the fixture. This switch allows you to choose between 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Natural Light).



Image 5.1: Detail of the CCT selection switch, allowing choice of 2700K to 5000K.

5.2 Mounting the Fixture

1. **Turn off power:** Ensure the power supply to the installation area is completely off at the circuit breaker.
2. **Prepare mounting surface:** Mark the desired mounting locations on the ceiling or wall. The fixture's backplate has multiple knockouts and mounting holes for versatile installation.
3. **Secure the fixture:** Use appropriate mounting hardware (screws, anchors) to securely attach the fixture's backplate to the mounting surface.



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Image 5.2: Rear view of the fixture, illustrating mounting points and wiring access.

5.3 Wiring Instructions

1. **Connect wires:** Connect the fixture's wires to the building's electrical supply wires using appropriate wire nuts. Typically, connect the black fixture wire to the black (live) supply wire, the white fixture wire to the white (neutral) supply wire, and the green/bare copper fixture wire to the green/bare copper (ground) supply wire.
2. **Tuck wires:** Carefully tuck all wires and wire nuts into the junction box or fixture housing.
3. **Attach lens/cover:** Secure the frosted polycarbonate lens or cover to the fixture housing.
4. **Restore power:** Turn the power back on at the circuit breaker.

6. OPERATING INSTRUCTIONS

6.1 Motion Sensor Operation

The Satco 65-1214 features an integrated PIR (Passive Infrared) motion sensor. The sensor detects movement within its range and automatically activates the light. After a period of no detected motion, the light will turn off. The specific time delay for turning off is factory set and not user-adjustable.



Image 6.1: Detail of the integrated PIR motion sensor.

6.2 Non-Dimmable Feature

This LED fixture is designed for on/off operation only and is **not dimmable**. Do not connect it to a dimmer switch, as this may damage the fixture or cause it to malfunction.

7. MAINTENANCE

The Satco 65-1214 LED Ceiling Wrap Light is designed for minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **LED Longevity:** The integrated LED light source has a rated life of 50,000 hours and does not require bulb replacement.

8. TROUBLESHOOTING

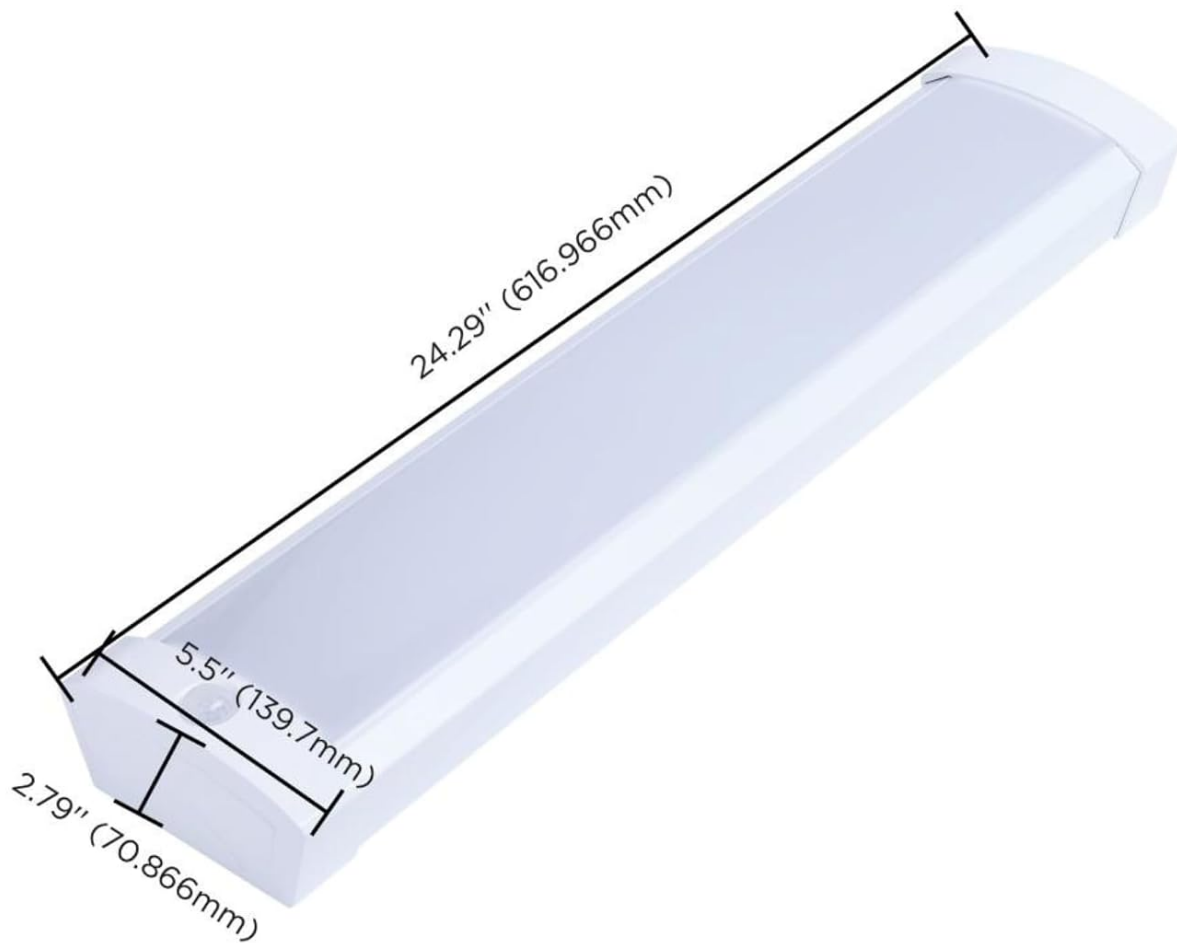
If the fixture does not operate correctly, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Incorrect wiring. Motion sensor not detecting movement.	Check circuit breaker. Verify wiring connections (consult a qualified electrician). Ensure motion is present within sensor range.
Light stays on continuously.	Constant motion detected. Sensor malfunction.	Ensure no continuous motion is within the sensor's field of view. Contact customer support if problem persists.
Light flickers.	Loose wiring connection. Incompatible dimmer switch (if mistakenly installed).	Turn off power and check all wiring connections. Remove any dimmer switches; this fixture is non-dimmable.

9. SPECIFICATIONS

Detailed specifications for the Satco 65-1214 LED Ceiling Wrap Light:

- **Model Number:** 65-1214
- **Power:** 20 Watts
- **Luminous Flux:** 1650 Lumens
- **Voltage:** 120-277V
- **Color Temperature (CCT):** Selectable 2700K, 3000K, 3500K, 4000K, 5000K
- **Color Rendering Index (CRI):** 90
- **Average Life:** 50,000 Hours
- **Material:** Alloy Steel Housing, Polycarbonate Lens
- **Color:** White
- **Indoor/Outdoor Usage:** Indoor (Damp Rated)
- **Special Features:** Motion Sensor, CCT Selectable, Non-Dimmable
- **Item Length:** 2 Feet (approx. 24.29 inches / 616.966mm)
- **Package Dimensions:** 25.5 x 13 x 7 inches (for 4-pack)
- **Item Weight:** 12.23 pounds (for 4-pack)



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Image 9.1: Dimensional drawing of the Satco 65-1214 fixture.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Satco customer service. Refer to the product packaging or the official Satco website for the most current contact details and warranty terms.

Manufacturer: Satco

Website: www.satco.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question