

Sunco Lighting DL_SLBF4-10W-27K_5K-12PK

Sunco 4 Inch Ultra Thin LED Recessed Ceiling Lights Instruction Manual

Model: DL_SLBF4-10W-27K_5K-12PK

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Sunco 4 Inch Ultra Thin LED Recessed Ceiling Lights. Please read this manual thoroughly before installation and retain it for future reference.

The Sunco Ultra Thin LED Recessed Ceiling Lights are designed for efficient and versatile lighting in various indoor environments. Featuring selectable color temperatures and dimmable functionality, these lights offer customizable illumination for your space.

2. SAFETY INFORMATION

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

- Installation must be performed by a qualified electrician or a person familiar with the construction and operation of the product and the hazards involved.
- Ensure the supply voltage is compatible with the product (120 Volts).
- Do not modify or alter the product in any way.
- Do not install in areas with direct exposure to water unless specifically rated for such conditions. This product is not water resistant.
- Wear safety glasses and gloves during installation.
- Ensure all electrical connections are secure and comply with local electrical codes.
- This product is IC Rated, meaning it is safe for direct contact with insulation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Sunco 4 Inch Ultra Thin LED Recessed Ceiling Lights (Quantity: 12)
- Junction Boxes (Quantity: 12)
- Instruction Manual (This document)

Note: Additional wiring connectors or mounting screws may be required depending on your specific installation.

4. SPECIFICATIONS

Feature	Specification
Brand	Sunco Lighting
Model Number	DL_SLBF4-10W-27K_5K-12PK
Size	4 Inch
Wattage	10 Watts
Brightness	650 Lumens
Efficiency	65 lumens per watt
Color Temperature (CCT)	Selectable: 2700K, 3000K, 4000K, 5000K, 6000K
Dimmable	Yes (10%-100%)
Voltage	120 Volts
Material	Polycarbonate
Installation Type	Flush Mount, Canless
IC Rated	Yes
Average Life	50,000 Hours
Product Dimensions	4.3"L x 2.9"W x 1.4"H (Junction Box)
Beam Angle	110 degrees

5. SETUP AND INSTALLATION

Before starting, ensure the power supply is turned off at the circuit breaker.

5.1 Pre-Installation Considerations

- These lights are IC-Rated, allowing direct contact with ceiling insulation.
- The design is joist-friendly and does not require a traditional recessed can.
- The lights are suitable for ceiling spaces up to 2 inches thick.

5 Colors, 1 Light

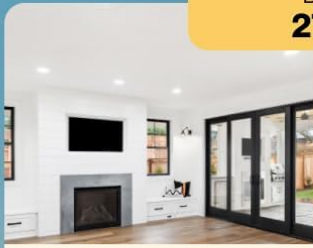
Make **indoor spaces** shine with versatile vibrancy.



Bedroom
2700K



Stairway
3000K



Living Room
3500K



Bathroom
4000K



Kitchen
5000K



This image illustrates the key features of the Sunco Ultra Thin LED Recessed Ceiling Light, highlighting its IC-Rated status for direct insulation contact, joist-friendly design, inclusion of a junction box, and the absence of a traditional recessed can requirement for installation.

5.2 Installation Steps

1. **Prepare the Ceiling:** Cut a hole in the ceiling at the desired location. Refer to the product dimensions for the appropriate hole size (typically 4.25 inches for a 4-inch light). Ensure there are no obstructions like wires or pipes.
2. **Insert Junction Box:** Open the junction box cover. Connect the household electrical wires to the wires inside the junction box (black to black, white to white, ground to ground) using appropriate wire connectors. Secure the junction box cover. Insert the junction box through the ceiling hole.
3. **Connect Wires:** Connect the male and female connectors from the light fixture and the junction box.

Ensure a secure connection.

4. **Attach and Push:** Push the spring clips on the side of the light fixture upwards. Insert the light fixture into the ceiling hole. The spring clips will automatically secure the light against the ceiling, providing a flush mount.



This image provides a visual guide for the installation process, showing how to insert the junction box, connect the electrical wires, and finally, secure the light fixture into the ceiling opening.

6. OPERATING INSTRUCTIONS

6.1 Color Temperature (CCT) Selection

Your Sunco LED Recessed Ceiling Lights feature a selectable color temperature switch located on the side


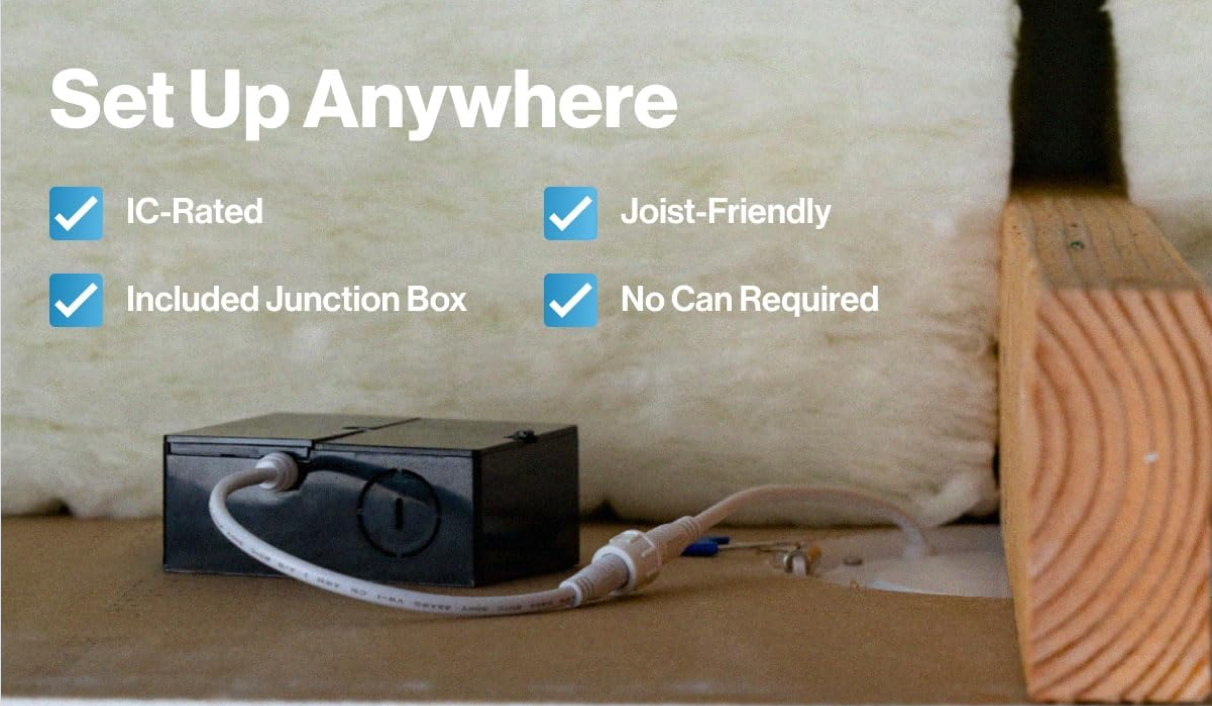
of the junction box. This switch allows you to choose from five different color temperatures:

- **2700K:** Warm White
- **3000K:** Soft White
- **4000K:** Cool White
- **5000K:** Daylight
- **6000K:** Bright White


To change the CCT, ensure the power is off. Open the junction box and slide the switch to your desired color temperature setting. Close the junction box and restore power. You can experiment with different settings to find the ideal ambiance for your room.

Set Up Anywhere


- ✓ IC-Rated
- ✓ Joist-Friendly
- ✓ Included Junction Box
- ✓ No Can Required



Fits As Large As 2"
Ceiling Spaces



Secure & Discreet
Flush Mounting



Durable & Adjustable
Spring Clips

This image demonstrates the visual effect of different color temperatures (CCTs) in various indoor settings, from warm white to daylight, illustrating the versatility of the selectable CCT feature.

6.2 Dimming Functionality

These lights are dimmable from 100% to 10% output, allowing you to adjust the brightness to suit your needs. For optimal performance, use with compatible LED dimmer switches. Refer to the dimmer switch manufacturer's instructions for installation and operation.



This image illustrates the dimming capability of the lights, showing a kitchen environment transitioning from full brightness (100%) to a dimmed state (10%) using a compatible dimmer switch.

7. MAINTENANCE

LED lights require minimal maintenance. Follow these guidelines to ensure longevity and optimal performance:

- **Cleaning:** Ensure power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light fixture. Avoid abrasive cleaners or solvents, as they may damage the finish or lens.
- **Inspection:** Periodically inspect the light fixtures and wiring for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.
- **Lens:** The light features an anti-yellowing lens designed to maintain light quality over time.

8. TROUBLESHOOTING

If you encounter issues with your Sunco LED Recessed Ceiling Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring connection; Faulty light fixture	Check circuit breaker; Verify all wire connections are secure; Test with a known working fixture or contact support
Light flickers or dims inconsistently	Incompatible dimmer switch; Loose wiring; Overloaded circuit	Ensure dimmer is LED compatible; Check wiring connections; Reduce load on circuit or consult electrician
Incorrect color temperature	CCT switch set incorrectly	Turn off power, adjust the CCT switch on the junction box to the desired setting
Light makes humming noise	Incompatible dimmer switch	Replace dimmer with a high-quality, LED-compatible dimmer switch

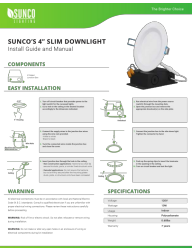


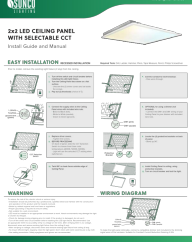
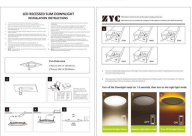

If troubleshooting steps do not resolve the issue, please contact Sunco Lighting customer support.

9. WARRANTY AND SUPPORT

Sunco Lighting provides a **7-Year Protection** for this product. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical assistance, please contact Sunco Lighting customer support.

For additional support and product information, please visit the official Sunco Lighting website or refer to the contact information provided with your purchase.

Related Documents - DL_SLBF4-10W-27K_5K-12PK

	<p>Sunco's 4" Slim Downlight: Installation Guide and Manual</p> <p>Comprehensive installation guide and specifications for the Sunco 4-inch Slim Downlight, detailing components, easy installation steps, safety warnings, and technical details.</p>
	<p>Ensenior LED Can Lights: Troubleshooting Guide and User Manual</p> <p>Ensenior's user manual provides essential troubleshooting steps for their 5/6 inch LED Can Lights. Address common issues such as lights not turning on, dimming problems, flickering, and buzzing sounds. Learn about compatible dimmers, proper installation, and contact Ensenior for support. Features ETL, Energy Star, FCC, and ROHS certifications.</p>
	<p>OmiBrite LED Recessed Ceiling Lights: Installation Guide and Specifications</p> <p>Comprehensive guide for OmiBrite ultra-thin LED recessed ceiling lights. Includes installation instructions, safety warnings, and detailed specifications for 4-inch and 6-inch models. Learn about lumens, wattage, color temperature, and more.</p>
	<p>Sunco Lighting 2x2 LED Panel Light - Selectable CCT Installation Guide & Manual</p> <p>Comprehensive installation guide and manual for the Sunco Lighting 2x2 LED Ceiling Panel with Selectable CCT. Learn how to install recessed or suspended fixtures, wiring diagrams, safety warnings, and specifications.</p>
	<p>ZYC 5CCT LED Recessed Slim Downlight Installation Guide</p> <p>Installation guide for the ZYC 5CCT LED Recessed Slim Downlight, detailing setup, wiring, color temperature selection (2700K-5000K), and night light mode activation.</p>
	<p>Sunco Lighting 2x2 LED Selectable Ceiling Panel Installation Manual</p> <p>Comprehensive installation guide for the Sunco Lighting 2x2 LED Selectable Ceiling Panel (PN22_DU-WH-4060K). Learn how to safely install and wire this energy-efficient, dimmable LED fixture with selectable wattage and color temperature options.</p>