

Sunco Lighting DL_SL6_NL-WH-2750K-4PK

Sunco 6 Inch LED Recessed Light with Night Light User Manual

Brand: Sunco Lighting

Model: DL_SL6_NL-WH-2750K-4PK

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Sunco 6 Inch LED Recessed Light with Night Light. This product features selectable color temperatures (CCT), dimmable functionality, and an integrated night light feature, designed for various indoor applications. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Risk of fire or electric shock. Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

- Disconnect power at the circuit breaker before installation or servicing.
- Ensure all electrical connections are made in accordance with local codes and ordinances, as well as the National Electric Code (NEC).
- Do not alter, relocate, or remove any components of the fixture.
- Do not install in wet locations. This product is rated for indoor use only.
- Ensure the supply voltage is 120V AC.
- This fixture is IC-rated, suitable for direct contact with insulation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 6 Inch LED Recessed Light Fixture (4 units)
- Junction Box (4 units)
- Constant Current Driver (integrated)



Image: Four Sunco 6 Inch LED Recessed Lights, each connected to its individual junction box, illustrating the complete package contents.

4. PRODUCT FEATURES

- **Selectable CCT:** Choose from 5 color temperatures (2700K, 3000K, 4000K, 5000K, 6000K) using a switch on the junction box.
- **Night Light Feature:** Activate a soft 2700K night light by flipping the light switch twice.
- **Dimmable:** Both the main downlight and night light are dimmable from 10% to 100%.
- **Easy Installation:** Designed for quick setup in single drywall, double drywall, or soffit with spring-loaded brackets. IC-rated for safe use with insulation.
- **High Efficiency:** 1500 Lumens output with 15W power consumption (100 lumens per watt).
- **Durable Construction:** Features durable aluminum housing, high-efficiency LEDs, and an anti-yellowing lens.



Image: Exploded view diagram highlighting key components such as durable aluminum housing, high-efficiency LEDs, low-brightness night light, anti-yellowing lens, and easy-install clips.

5. SETUP AND INSTALLATION

Refer to the provided Installation Manual (PDF) for detailed diagrams and safety precautions. A link to the PDF is available on the product page.

Required Tools (Not Included):

- Hole saw (approximately 6.25 inches for 6-inch light)
- Wire strippers
- Screwdriver
- Safety glasses and gloves

Installation Steps:

1. **Turn Off Power:** Before starting, ensure the power supply to the installation area is turned off at the circuit breaker.
2. **Cut Hole:** Use a hole saw to cut a circular opening in the ceiling. For the 6-inch fixture, a 6.25-inch diameter hole is recommended.
3. **Open Junction Box:** Open the cover of the provided junction box. Remove the appropriate knockout(s) for your wiring.
4. **Select CCT:** Locate the CCT (Color Correlated Temperature) selector switch inside the junction box. Choose your desired color temperature (2700K, 3000K, 4000K, 5000K, or 6000K) before wiring.
5. **Connect Wiring:** Connect the house wiring (live, neutral, ground) to the corresponding wires inside the junction box using wire nuts. Ensure all connections are secure.
6. **Secure Junction Box:** Place the junction box into the ceiling opening.
7. **Connect Light Fixture:** Connect the male connector from the light fixture to the female connector extending from the junction box. Ensure a tight connection.
8. **Mount Light:** Push the spring-loaded clips on the light fixture upwards and insert the fixture into the ceiling opening. The clips will secure the fixture in place.
9. **Restore Power:** Turn the power back on at the circuit breaker.

Easy Installation



Image: An illustration demonstrating the easy installation process, including connecting wiring to the junction box, connecting the light, and mounting the light into a cut hole in the ceiling. Details show adjustable clips, energy-saving LED, and anti-yellowing lens.

6. OPERATING INSTRUCTIONS

6.1. Color Temperature (CCT) Selection

The desired color temperature (2700K, 3000K, 4000K, 5000K, or 6000K) is selected via a switch located inside the junction box. This selection should be made prior to final installation of the junction box into the ceiling. Once set, the light will operate at the

chosen CCT for its main illumination.

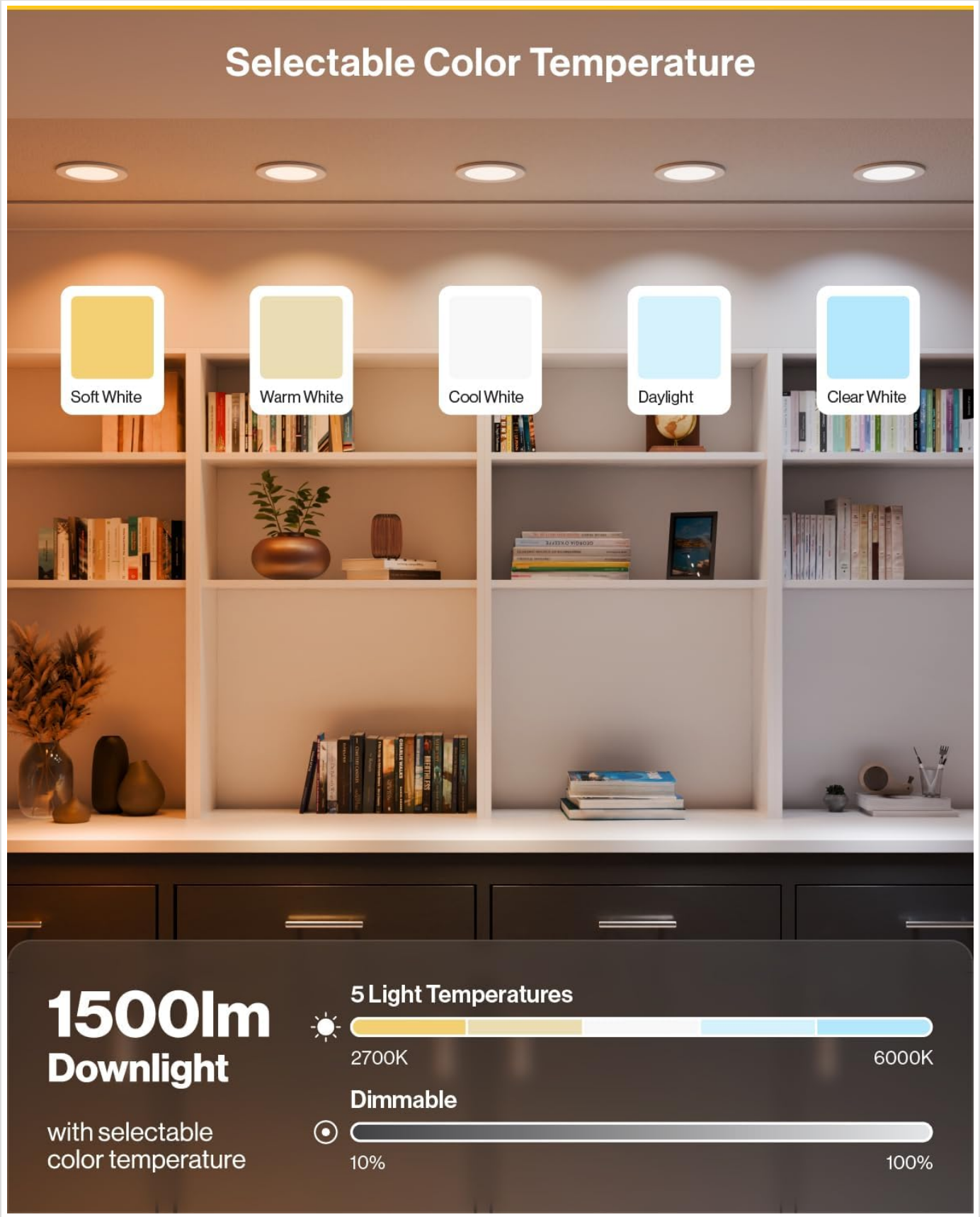


Image: A visual representation of five different color temperatures (Soft White 2700K, Warm White 3000K, Cool White 4000K, Daylight 5000K, Clear White 6000K) as they appear in a room, along with a slider indicating the 1500lm downlight with selectable color temperature from 2700K to 6000K and dimmable range of 10%-100%.

6.2. Night Light Feature

To activate the 2700K night light mode, simply flip your standard wall light switch OFF and then ON again within a short interval (typically 1-2 seconds). The light will switch from its main illumination to the soft 2700K night light. To return to the main illumination, repeat the OFF/ON sequence.



Image: A split image demonstrating the difference between the bright 1500 lumens downlight with a 90-degree beam angle and the cozy 2000K nightlight, which is activated by an easy On/Off/On switch sequence. Below, a sequence of wall switch positions (On, Off, On) illustrates how to activate the nightlight.

6.3. Dimming Functionality

Both the main downlight and the night light feature are dimmable from 10% to 100% when connected to a compatible dimmer switch. Ensure your dimmer switch is rated for LED lighting to prevent flickering or damage.

45-Year Lifespan



7-Year Protection

American company with reliable customer support



Image: A three-panel image illustrating the dimming capabilities of the lights, showing 100% brightness, 50% brightness, and the nightlight mode. Below, it states that the lights are 10-100% dimmable and compatible with most dimmers, showing three different dimmer switch types.

7. MAINTENANCE

The Sunco LED Recessed Light is designed for long-term, maintenance-free operation. No user-serviceable parts are inside.

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, dry, or slightly damp cloth. Do not use harsh chemicals or

abrasive cleaners.

- **Bulb Replacement:** The LED light source is integrated and not replaceable. The fixture has an average life of 50,000 hours.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty fixture.	Check circuit breaker. Verify all wiring connections are secure. Test with a known working fixture if possible.
Light flickers or buzzes.	Incompatible dimmer switch; Loose wiring.	Ensure dimmer is LED compatible. Check wiring connections.
Night light does not activate consistently.	Incorrect switch timing; Multiple lights on one switch.	Ensure a quick OFF/ON sequence. If multiple lights are on one switch, some may require a longer OFF period (5-10 seconds) to reset before attempting the sequence.
Light is too hot.	Normal operation (some heat is expected); Improper installation.	While some heat is normal, ensure proper air circulation around the fixture. Verify IC-rating compliance. If excessively hot, discontinue use and contact support.

9. SPECIFICATIONS

Specification	Detail
Model Name	DL_SL6_NL-WH-2750K-4PK
Size	6 inch
Wattage	15W (150W Equivalent)
Brightness	1500 Lumens
Efficiency	100 lumens per watt
Color Temperature (CCT)	Selectable: 2700K, 3000K, 4000K, 5000K, 6000K
Night Light CCT	2700K
Dimmable Range	10% - 100%
Voltage	120 Volts
Material	Aluminum
Average Life	50,000 Hours
Color Rendering Index (CRI)	90.00
Installation Type	Flush Mount, Recessed Mount
Indoor/Outdoor Usage	Indoor
Certifications	FC, ETL, RoHS

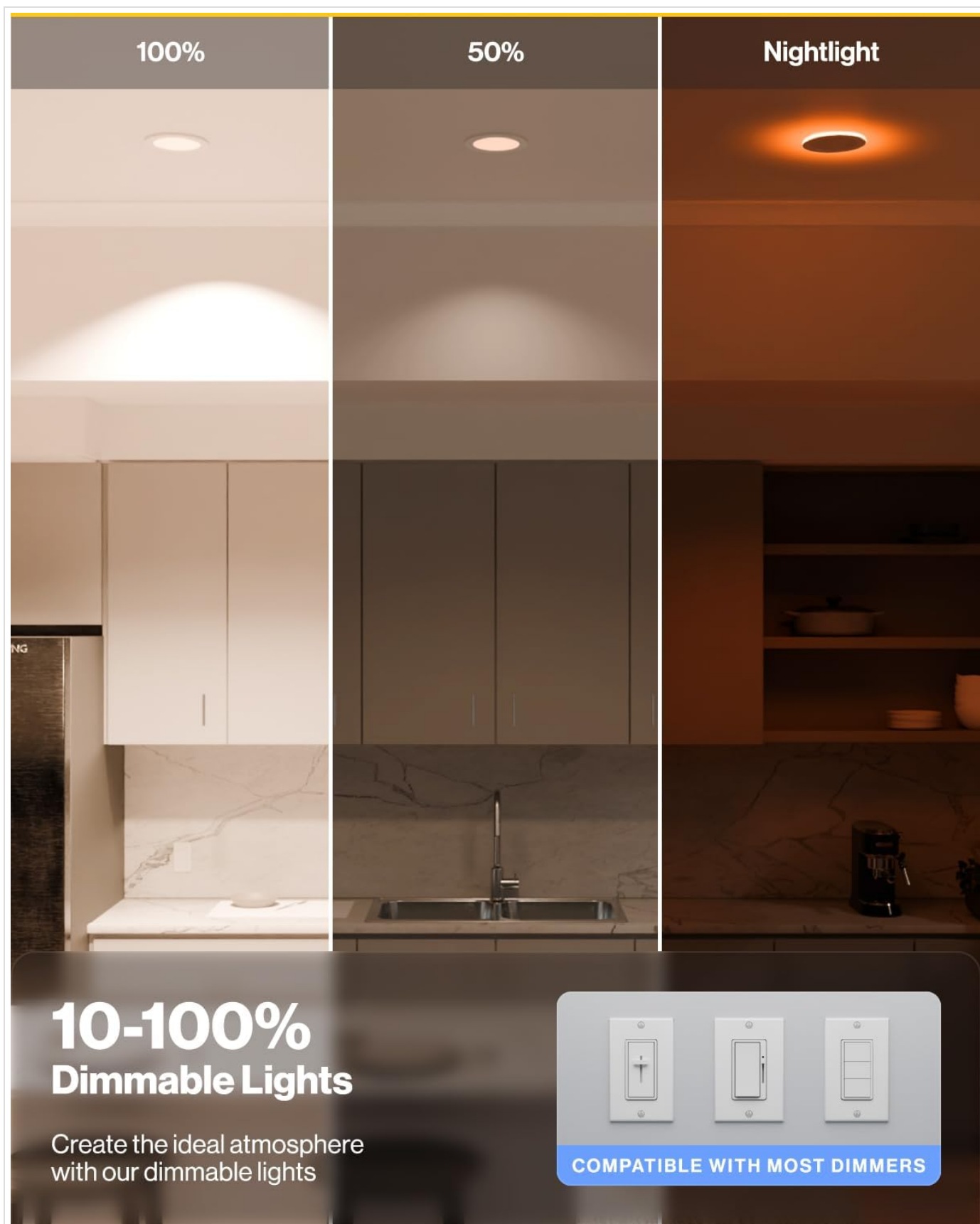


Image: A diagram illustrating the product dimensions (7"L x 1"W x 7"H, 7.3" wire, 2.9" x 3.4" junction box) and certifications (FC, ETL, RoHS) for quality and safety.

10. 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 support, please contact Sunco Lighting customer service.

For additional resources, including the full Installation Manual and User Guide, please visit the Sunco Lighting website or refer to the product page where this item was purchased.

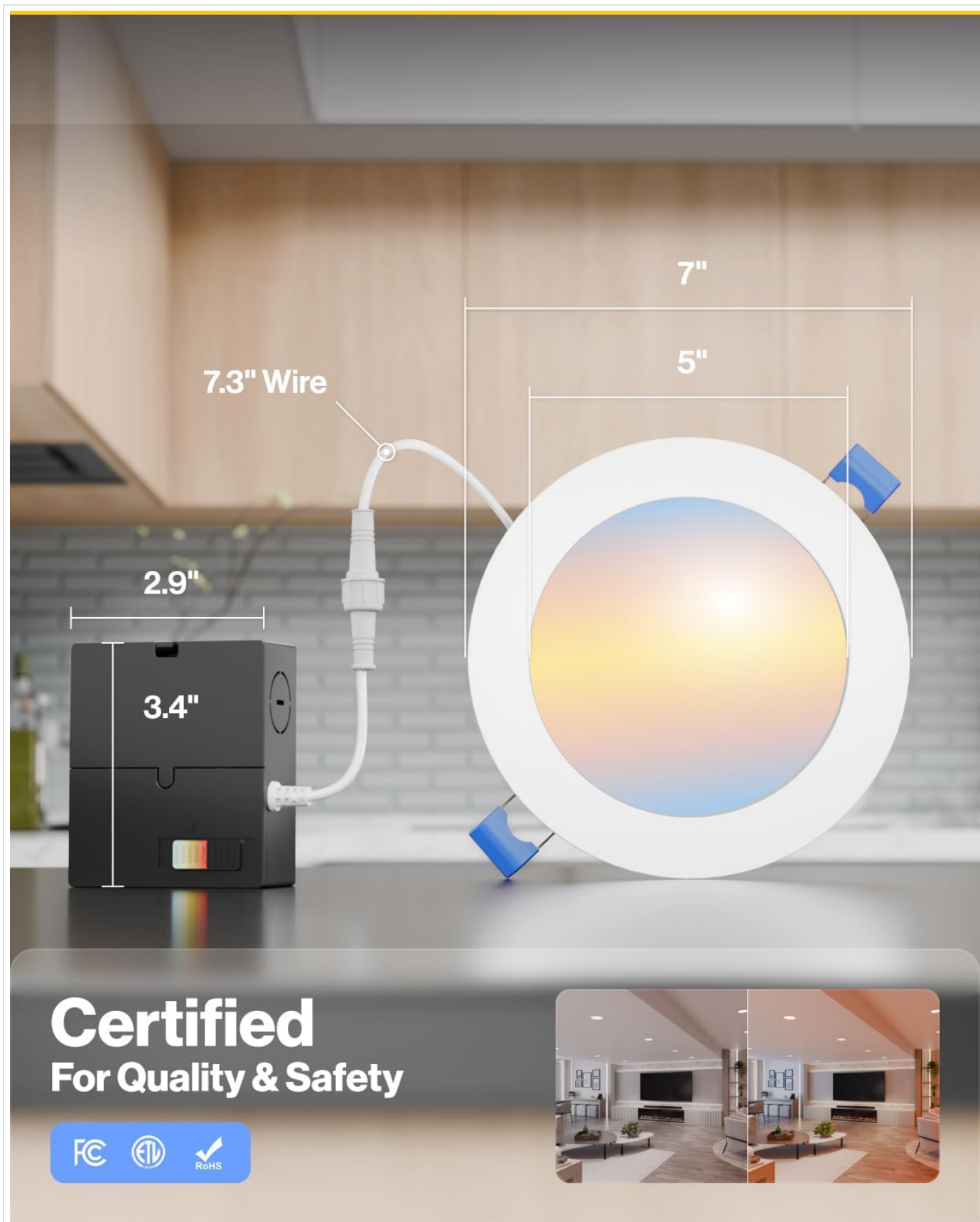
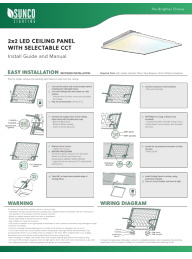

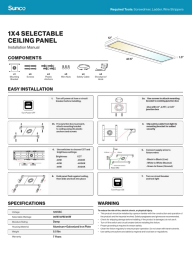





Image: An image highlighting the product's 45-year lifespan and 7-year protection, featuring a customer support team, emphasizing reliable customer service.

Related Documents - DL_SL6_NL-WH-2750K-4PK

	<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>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>
	<p>Sunco 1x4 LED Ceiling Panel Light - Installation Guide & Specifications</p> <p>Installation manual for the Sunco 1x4 Selectable Ceiling Panel LED light fixture. Includes components, easy installation steps, specifications, warnings, and FCC notes.</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>Feit Electric LEDR6XT/6WYCA/6: 6-Inch Color Selectable LED Downlight Installation Guide</p> <p>Comprehensive installation guide for the Feit Electric LEDR6XT/6WYCA/6 6-inch recessed LED downlight. Learn about safety, package contents, product ratings, color selection, and step-by-step installation instructions.</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>