

Sunco Lighting 840360604179

# Sunco 6 Inch Disk Lights LED Instruction Manual

Model: 840360604179

## INTRODUCTION

Thank you for choosing Sunco 6 Inch Disk Lights LED. These flush mount disc lights are designed for easy installation and offer versatile lighting options with selectable color temperatures and dimmable functionality. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your lighting fixtures.

## PRODUCT FEATURES

- **High Brightness:** Each disk light provides 1500 lumens of illumination, suitable for various indoor spaces.
- **Selectable Color Temperature (CCT):** Choose from 5 color temperature options (2700K, 3000K, 4000K, 5000K, 6000K) to match your desired ambiance. The CCT can be adjusted via a switch on the back of the light fixture.
- **Dimmable:** Seamlessly dim the lights from 10% to 100% to create the perfect lighting level for any activity. Compatible with most standard LED dimmers.
- **Easy Installation:** Designed for direct wiring to a 4" or 6" junction box, eliminating the need for a traditional recessed can. Can also be installed into existing recessed cans.
- **Wet Rated:** Suitable for use in damp and wet locations, making them ideal for bathrooms, kitchens, and outdoor covered areas.
- **Long Lifespan:** Engineered for a 50,000-hour lifespan, providing reliable and long-lasting performance.
- **Energy Efficient:** 18W LED equivalent to 100W incandescent, reducing energy consumption.

## SAFETY INFORMATION

Always turn off power at the circuit breaker before installation, maintenance, or troubleshooting. Consult a

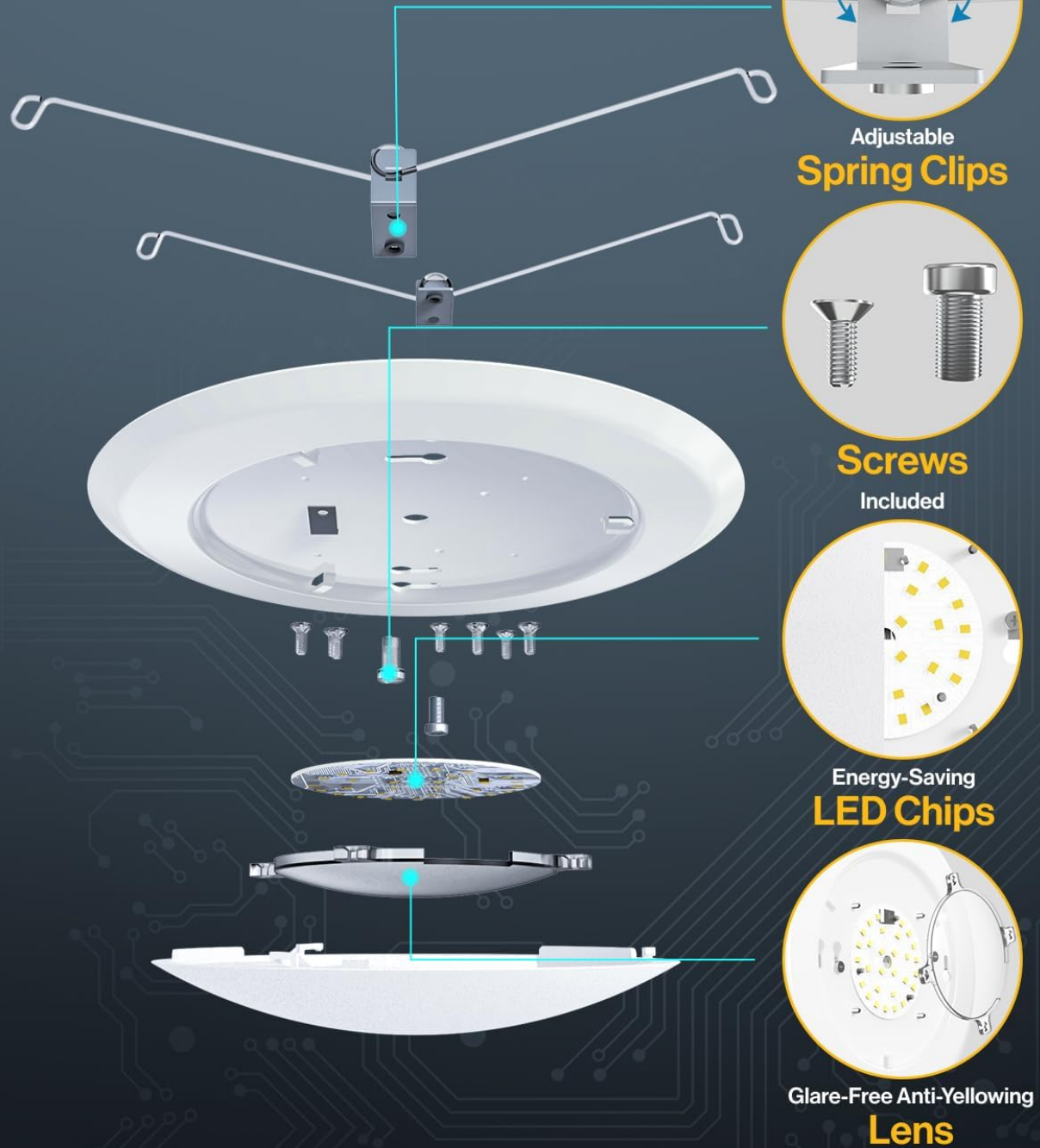
qualified electrician if you are unsure about any part of the installation process. Ensure all wiring connections are secure and comply with local electrical codes. Do not modify the fixture in any way. This product is designed for 120V AC input.

## SETUP AND INSTALLATION

These LED disk lights offer flexible installation options. Before beginning, ensure the power is turned off at the circuit breaker.

### Components Overview

# Thoughtful Design



**Figure 1:** Exploded view showing the internal components of the Sunco LED Disk Light, including adjustable spring clips for secure mounting, included screws for direct installation, energy-saving LED chips for efficient illumination, and a glare-free, anti-yellowing lens for consistent light quality.

## Installation Methods

The Sunco LED Disk Lights can be installed in three primary ways:

1. **Junction Box + Wire Nuts:** For direct wiring to a standard junction box.
2. **TP24 Can Connection + Spring Clips:** For installation into existing 5" or 6" recessed cans using the provided TP24 connector and spring clips.
3. **E26 Can Connection + Spring Clips:** For installation into existing 5" or 6" recessed cans using the provided E26 adapter and spring clips.



**Figure 2:** This image demonstrates the three versatile installation methods for the Sunco LED Disk Light. It shows how the light can be directly wired into a junction box using wire nuts, or easily fitted into existing 5-inch or 6-inch recessed cans with either a TP24 or E26 adapter and secure spring clips.

## Step-by-Step Installation (General)

1. **Turn off Power:** Locate the circuit breaker controlling the light fixture and turn off the power. Verify power is off using a voltage tester.
2. **Prepare Wiring:** If installing into a new junction box, ensure wires are properly stripped. If replacing an existing fixture, disconnect the old fixture.
3. **Select CCT:** Before installation, use the switch on the back of the disk light to select your desired color temperature (2700K, 3000K, 4000K, 5000K, or 6000K).

4. **Connect Wires:** Connect the wires from the disk light to the house wiring using appropriate wire nuts (typically black to black, white to white, and ground to ground).
5. **Secure Fixture:**
  - **For Junction Box:** Secure the disk light directly to the junction box using the provided screws.
  - **For Recessed Can:** Attach the appropriate adapter (TP24 or E26) to the can's socket. Compress the spring clips on the disk light and insert them into the mounting brackets inside the recessed can. Push the light firmly into the ceiling until it is flush.
6. **Restore Power:** Once the fixture is securely installed, turn the power back on at the circuit breaker.

## OPERATING INSTRUCTIONS

### Color Temperature Selection

The Sunco LED Disk Lights feature a selectable CCT switch located on the back of the fixture. This switch allows you to choose from five distinct color temperatures:

- **2700K (Soft White):** Warm, inviting light, ideal for bedrooms and living rooms.
- **3000K (Warm White):** Slightly brighter warm light, suitable for living areas and dining rooms.
- **4000K (Cool White):** Neutral, balanced light, often used in kitchens, offices, and bathrooms.
- **5000K (Daylight):** Bright, crisp white light, excellent for task lighting and utility areas.
- **6000K (Daylight Deluxe):** Very bright, cool white light, suitable for study rooms or areas requiring maximum visibility.

**Note:** The CCT switch must be set **before** installation. Once installed, you will need to remove the fixture to change the CCT setting.

# 5 Colors, 1 Light

Hues for any room at home



**Figure 3:** This visual guide illustrates how the 5 selectable color temperatures (CCT) can transform the ambiance of different rooms. From the warm 2700K for a cozy bedroom to the bright 6000K for a productive study room, these lights offer versatile hues for any space in your home.

## Dimming Functionality

The Sunco LED Disk Lights are designed to be dimmable from 10% to 100% brightness. To utilize this feature, you must connect the lights to a compatible LED dimmer switch (sold separately). Ensure your dimmer switch is rated for LED lighting to prevent flickering or damage.



**Figure 4:** This image illustrates the seamless dimming capability of the Sunco LED Disk Lights, showing a room's illumination level changing from 100% to 10% brightness. The lights are compatible with most standard dimmer switches, allowing users to easily adjust the ambiance to their preference.

## MAINTENANCE

Sunco LED Disk Lights require minimal maintenance. Follow these guidelines to ensure continued performance:

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry or slightly damp cloth. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or lens.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, turn off power and consult a qualified electrician.
- **No User-Serviceable Parts:** The LED chips are integrated and not replaceable. Do not attempt to open or repair the fixture.

## TROUBLESHOOTING

If you experience issues with your Sunco LED Disk Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Faulty switch or dimmer.	Check circuit breaker. Ensure power is on. Verify all wire connections are secure (with power off). Test the switch/dimmer with another known working fixture.
Light flickers or hums.	Incompatible dimmer switch. Loose wiring connection.	Ensure you are using an LED-compatible dimmer. Replace if necessary. Check and secure all wiring connections (with power off).
Light is not bright enough.	Dimmer setting too low. Incorrect CCT selected.	Adjust dimmer to 100%. Check the CCT switch on the back of the fixture and select a brighter CCT (e.g., 5000K or 6000K).
Light color is inconsistent.	CCT switch not fully engaged.	Ensure the CCT switch is firmly clicked into one of the five positions.

If the problem persists after trying these solutions, please contact Sunco Lighting customer support for assistance.

## SPECIFICATIONS

Attribute	Specification
Brand	Sunco Lighting

Attribute	Specification
Model Number	840360604179
Product Dimensions	7.3"L x 0.96"W x 7.3"H
Item Weight	6.78 pounds (for 12-pack)
Light Source Type	LED
Wattage	18 Watts
Brightness	1500 Lumens
Voltage	120 Volts
Color Temperature (CCT)	Selectable (2700K, 3000K, 4000K, 5000K, 6000K)
Dimmable	Yes (10%-100%)
Material	Aluminum, Polycarbonate
Installation Type	Flush Mount / Recessed Can
Indoor/Outdoor Usage	Indoor (Wet Rated)
Lifespan	50,000 hours
Certifications	Energy Star, ETL, FCC, RoHS Compliant

## WARRANTY AND SUPPORT

Sunco Lighting stands behind the quality of its products. These LED Disk Lights come with **5-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or any questions regarding your Sunco product, please contact our knowledgeable support specialists. You can find contact information on the official Sunco Lighting website or through your purchase platform.

# 7 Year Coverage



**32**  
**Years**  
lifetime



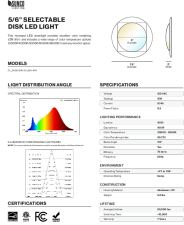
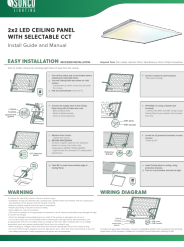


**Reliable**  
customer support



**Figure 5:** This image highlights the 7-year coverage provided for Sunco LED Disk Lights, emphasizing the brand's commitment to quality. It also displays key certifications such as Energy Star, ETL, FCC, and RoHS, assuring compliance with industry standards and reliable performance.

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## Related Documents

	<p><a href="#">Sunco Lighting 5/6" Selectable Disk LED Light - Technical Specifications</a></p> <p>Comprehensive technical specifications and product overview for the Sunco Lighting 5/6" Selectable Disk LED Light. Features include selectable color temperature (3000K-6500K), 1050 lumens, 15W power, 90+ CRI, and ETL/Energy Star certifications.</p>
	<p><a href="#">Sunco Lighting 2x2 LED Panel Light - Selectable CCT Installation Guide &amp; Manual</a></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><a href="#">Sunco Lighting 2x2 LED Selectable Ceiling Panel Installation Manual</a></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><a href="#">Sunco Lighting REMODEL CAN 6" Install Guide and Manual</a></p> <p>Comprehensive installation guide and manual for the Sunco Lighting REMODEL CAN 6-inch recessed lighting fixture. Includes easy installation steps, safety warnings, and technical specifications.</p>