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> [Sunco Lighting](#) /

> Sunco 5/6 Inch LED Disk Lights Instruction Manual (Model: DL\_DK56-15W-4K-36PK)

## Sunco Lighting DL\_DK56-15W-4K-36PK

# Sunco 5/6 Inch LED Disk Lights Instruction Manual

Model: DL\_DK56-15W-4K-36PK

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Sunco 5/6 Inch LED Disk Lights. These 15W flush mount LED downlights deliver 1050 lumens of 4000K Cool White light and are fully dimmable from 10% to 100%. Designed for energy efficiency and easy installation, they are suitable for various indoor applications.

# Super Bright LED Disk Light



Image: Sunco 5/6 Inch LED Disk Light installed in a modern kitchen, showcasing its bright illumination. The image also highlights key features: 1050 Lumens, 110° Beam Angle, and 15W Wattage.

## SETUP AND INSTALLATION

The Sunco LED Disk Lights are designed for simple installation and can be direct-wired to a 4-inch or 6-inch junction box, eliminating the need for a traditional recessed can. Always ensure power is turned off at the circuit breaker before beginning installation.

## Installation Methods

These disk lights offer versatile installation options to suit different electrical setups:

1. **Junction Box + Wire Nuts:** Direct wiring to a junction box using wire nuts.
2. **TP24 Can Connection + Spring Clips:** For existing TP24 recessed cans, connect using the provided adapter and secure with spring clips.
3. **E26 Can Connection + Spring Clips:** For existing E26 recessed cans, connect using the provided E26 adapter and secure with spring clips.



Image: Visual guide illustrating the three primary installation methods for the LED disk lights, including direct wiring to a junction box and connections to TP24 or E26 recessed cans with spring clips.

## Components and Dimensions

Each disk light includes adjustable spring clips, screws, energy-saving LED chips, and a glare-free, anti-yellowing lens. The compact design allows for easy integration into various ceiling types.

### List of Compatible dimmers

Brand	Model	Brand	Model
LUTRON	MACL-153M	LUTRON	NLV-1000-LA
LUTRON	DVCL-153P	LUTRON	SLV-600P
LUTRON	PD-6WCL-WH-P	LUTRON	RRD-6CL
LUTRON	MACL-153MH	LUTRON	AYCL-153P
LUTRON	TGCL-153P	LUTRON	P-PKG1WB
LUTRON	DVCL-15PR	LEVITON	6674 600W
LUTRON	CTCL-153PDH	LEVITON	6672 600W
LUTRON	P-PKG1W	LEVITON	IPL06 600W
LUTRON	DVELV-300P	LEVITON	DW6HD-1BZ

Image: An exploded diagram detailing the internal and external components of the LED disk light, including the adjustable spring clips, mounting screws, LED chip array, and the anti-glare lens.

## List of Compatible dimmers

Brand	Model	Brand	Model
LEVITON	DSL06-001-1LZ	LEVITON	RHCL453PW
LEVITON	IPL06-011-10Z	EATON	SAL06P3
LEVITON	06674-002-10W	WEMO	F7C05
LEVITON	TSM10-012-1LW	TP LINK	KASA SMART HS220
LEVITON	RDL06-001-10Z	WATTSTOPPER	DCD267
LEVITON	DSE06-001-10Z	CLOUD BAY	CBLD001WH
LEVITON	DDMX1-011-BLZ		
LEVITON	DDE06-BLZ 600W		
LEVITON	SURESLIDE		

Image: A visual representation of the LED disk light's compact dimensions, indicating a thickness of 1.1 inches and a diameter of 7.3 inches, alongside included installation accessories.

## Installation Video Guide

Your browser does not support the video tag.

Video: An overview of the 5/6 inch 15W LED Disk Light, demonstrating its features and installation process. This video is provided by Sunco Lighting.

For a comprehensive guide, please refer to the official [Installation Manual \(PDF\)](#).

## OPERATING INSTRUCTIONS

### Dimmable Functionality

The Sunco LED Disk Lights are fully dimmable, allowing you to adjust the light output from 10% to 100%. This feature enables you to create various ambiances in your space. Ensure you use a compatible dimmer switch for optimal performance.



Image: A visual representation of the dimming capability, showing light levels from 10% to 100% and a compatible dimmer switch.

### Color Temperature

These lights provide a 4000K Cool White color temperature, offering a clean and refreshing light that promotes focus and clarity, suitable for tasks and general illumination.



**4000K**  
Cool White

Experience a clean and refreshing light that promotes focus and productivity. Great for tasks that require precision and clarity.

Image: A hallway illuminated by Sunco LED Disk Lights, demonstrating the 4000K Cool White light output, which is ideal for promoting focus and clarity.

### Compatible Dimmers

For optimal dimming performance, use one of the following compatible dimmer models:

Brand	Model	Brand	Model
LUTRON	MACL-153M	LUTRON	NLV-1000-LA
LUTRON	DVCL-153P	LUTRON	SLV-600P
LUTRON	PD-6WCL-WH-P	LUTRON	RRD-6CL
LUTRON	MACL-153MH	LUTRON	AYCL-153P
LUTRON	TGCL-153P	LUTRON	P-PKG1WB
LUTRON	DVCL-15PR	LEVITON	6674 600W
LUTRON	CTCL-153PDH	LEVITON	6672 600W
LUTRON	P-PKG1W	LEVITON	IPL06 600W
LUTRON	DVELV-300P	LEVITON	DW6HD-1BZ
LEVITON	DSL06-001HLZ	LEVITON	RHCL453PW
LEVITON	IPL06-011-10Z	EATON	SAL06P3
LEVITON	06674-002-10W	WEMO	F7C05
LEVITON	TSM10-012-1LW	TP LINK	KASA SMART HS220
LEVITON	RDL06-001-10Z	WATTSTOPPER	DCD267
LEVITON	DSE06-001-10Z	CLOUD BAY	CBLD001WH
LEVITON	DDMX1-011-BLZ		
LEVITON	DDE06-BLZ 600W		
LEVITON	SURESLIDE		

## MAINTENANCE

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Sunco LED Disk Lights are designed for long-lasting performance with minimal maintenance. Follow these guidelines to ensure continued optimal operation:

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically check for any loose connections or visible damage. If any issues are found, consult a qualified electrician.
- **No User-Serviceable Parts:** The LED chips are integrated and not user-replaceable. Do not attempt to open or repair the fixture, as this will void the warranty and may pose a safety risk.

## TROUBLESHOOTING

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If you encounter issues with your Sunco LED Disk Lights, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**

- Check if the power switch is in the ON position.
- Verify that the circuit breaker for the light fixture is not tripped.
- Ensure all wiring connections are secure and correctly installed.

- **Light Flickers or Dims Incorrectly:**

- Confirm that the dimmer switch being used is compatible with LED lights and specifically listed in the compatible dimmers section of this manual.
- Ensure the dimmer is correctly wired and functioning properly.
- Check for loose wiring connections at the fixture or switch.

- **Light Output is Low:**

- If using a dimmer, ensure it is set to 100% brightness.
- Verify the power supply voltage matches the product specifications (120V).

If these steps do not resolve the issue, contact Sunco Lighting customer support for further assistance.

## **SPECIFICATIONS**

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Detailed technical specifications for the Sunco 5/6 Inch LED Disk Lights:

Feature	Specification
Brand	Sunco Lighting
Model Number	DL_DK56-15W-4K-36PK
Light Fixture Form	Ceiling (Flush Mount)
Wattage	15 Watts
Brightness	1050 Lumens
Color Temperature	4000 Kelvin (Cool White)
Dimmable	Yes (10%-100%)
Voltage	120 Volts
Material	Metal, Plastic
Shape	Round
Item Dimensions (L x W x H)	7.5"L x 1"W x 7.5"H
Indoor/Outdoor Usage	Indoor
Special Features	Dimmable, Instant On, Shatterproof, Shock and vibration resistant
Certifications	ETL Listed, Damp Rated

## WARRANTY INFORMATION

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Sunco Lighting provides a **7-Year Protection** warranty for this product. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty documentation included with your purchase or contact Sunco Lighting customer support.

## CUSTOMER SUPPORT

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For any questions, technical assistance, or warranty claims, please contact Sunco Lighting's knowledgeable support specialists. You can find contact information on the official Sunco Lighting website or through your purchase platform.

Your browser does not support the video tag.

Video: An overview of Sunco's high lumen retrofit lights, demonstrating their quality and performance. This video is provided by Sunco Lighting.