

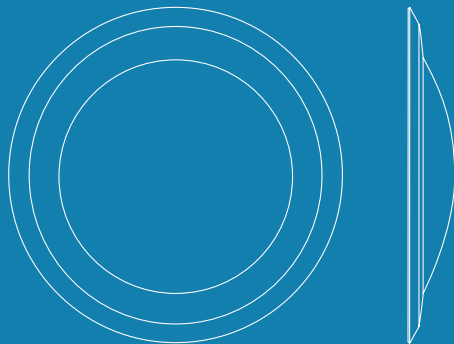
# Sunco

Lighting made better.

User Manual

## 5/6" Selectable 12W Disk Downlight

SKU: DL\_DK56-12W-3K\_65K



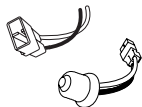
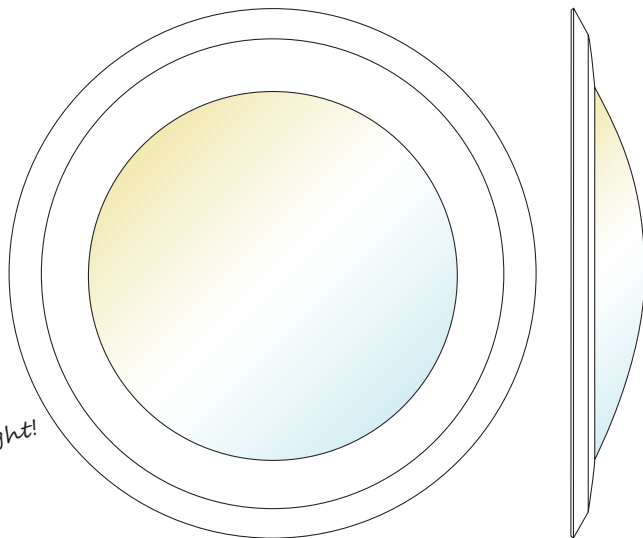
support@sunco.com  
(844) 334-9938



AMERICAN  
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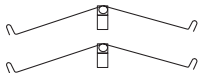
# Whats in the Box?

## Disk Downlight



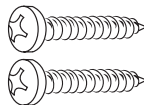
x1

TP24/E26



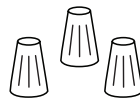
x2

Spring Clips



x2

Screws



x2

Wire Nuts

# Before You Start

## Safety Information

To reduce the risk of fire, electric shock, or physical injury:

- Turn off circuit breaker before installing this fixture.
- This product should be installed by a person familiar with the construction and operation of the product the hazards involved. Safety eyeglasses and gloves are recommended.
- Abide by related regional and local laws or regulations.
- Proper grounding is required to ensure safety.
- Do not alter, relocate, or remove wiring during installation.
- Do not make or alter any open holes in wiring enclosure or electrical components during installation.
- Check for shipping damage before installing. If the product is damaged, do not use it.
- Keep fixture away from corrosive substances.
- Suitable for damp locations at temperature ranging from -4°F to 104°F. Not for use where directly exposed to water.
- Clean the fixture regularly to ensure proper operation. Do not clean with harsh solvents.
- Use safety precautions and abide by regional and local laws or regulations.
- This product is not compatible with 3rd party sensors.
- This product is not compatible with photo controls.
- This product is not compatible with occupancy sensors.
- This product is not compatible with timing devices.



### WARNING:

Cancer & Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1.) This device may not cause harmful interference.

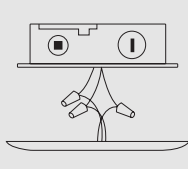
2.) This device must accept any interference that may cause undesired operation. Please review all instructions carefully prior to installation.

## Quickstart Guide



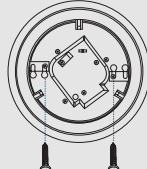
### Step 1

Remove the lens by twisting clockwise.



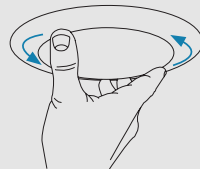
### Step 2

Connect supply & junction wires.



### Step 3

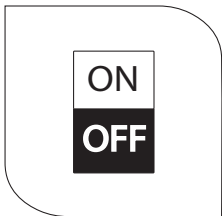
Attach fixture to junction box.



### Step 4

Twist lens counter clockwise.

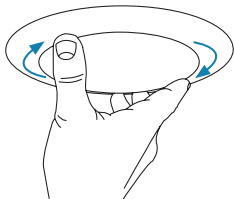
# Installation Guide (Surface Mount)



## STEP 1

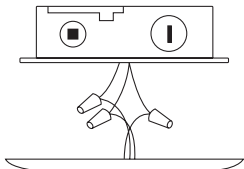
a. Turn off circuit breaker before installation.

**NOTE:** Remove previous fixture. Fixture may be hot so allow time to cool after turning off power.



## STEP 2

Remove the lens by twisting clockwise.

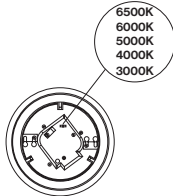


## STEP 3

a. Connect the supply wires to the junction box wires using nuts provided.

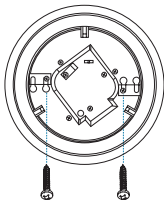
b. White to White; Green to Green; Black to Black; Ground wire.

## Installation Guide (Cont.)



### STEP 4

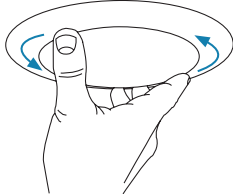
- a. Turn on power and test light.
- b. Slide CCT switch to choose from 5 color temperature options, then turn off light & continue install.



### STEP 5

- a. Tuck the connected wires inside the junction box.
- b. Attach the fixture to the junction box with either short or long screws depending on the junction box size (deep or shallow).

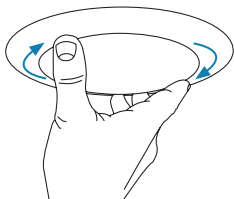
**NOTE: DO NOT OVER TIGHTEN.**



### STEP 6

- Complete the installation by screwing the lens back into place (counter clockwise).

# Installation Guide (Retrofit Install)

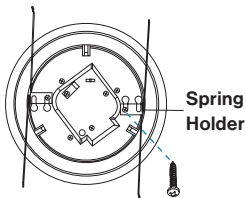


## STEP 1

a. Turn off circuit breaker before installation.

**NOTE:** Remove previous fixture. Fixture may be hot so allow time to cool after turning off power.

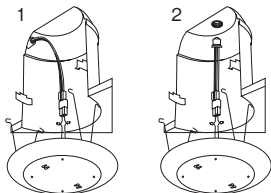
b. Remove the lens by twisting clockwise.



## STEP 2

Place the springs into the keyhole slots on the back of the fixture using Metric screws provided. Using a screwdriver, gently tighten in place.

**Note:** Slot placement should be chosen based on can size (5" or 6").

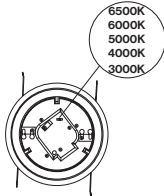


## STEP 3

a. Determine the type of connector available. TP24 Connector (1) or E26 Base (2). Connect the Disk wires to the connector available using the wire nuts provided.

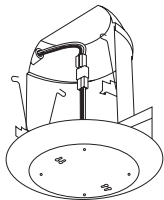
b. Connect disk light to connector or socket in recessed can. Attach ground wire to grounding screw inside can.

## Installation Guide (Cont.)



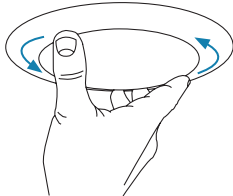
### STEP 4

- Turn on power and test light.
- Slide CCT switch to choose from 5 color temperature options, then turn off light and continue install.
- Tuck all wires into the can.



### STEP 5

- Line up trim ring with opening.
- Push disk into can until secure. Compression clips will hold disk light in place. Push up spring clips and insert fixture into ceiling.



### STEP 6

- Complete the installation by screwing the lens back into place (counter clockwise).
- Turn on circuit breaker and test the light.

# Product Details

## Recommended Dimmers

Brand	Model
LUTRON	MACL-153M
LUTRON	DVCL-153P
LUTRON	PD-6WCL-WH-P
LUTRON	AYCL-153P
LUTRON	P-PKG1WB
LUTRON	SCL-153P
KASA SMART	HS220
CLOUD BAY	CBLD001WH

*Scan for the full compatible dimmer list!*



## Specifications

<b>Voltage</b>	120V	<b>Average Lifetime</b>	50,000 hrs
<b>Wattage</b>	12W	<b>Lumens</b>	850LM
<b>Frequency</b>	60Hz	<b>Moisture Rating</b>	Damp
<b>Efficacy</b>	70	<b>CRI</b>	80+
<b>Weight</b>	0.60lbs	<b>Usage</b>	Indoor
<b>Housing Material</b>	Fe	<b>Amps</b>	0.14A
<b>Dimmable</b>	Yes	<b>Warranty</b>	7 Years



# Common Troubleshooting

Feeling in the dark about an issue with your product? No worries! Our troubleshooting section is here to shed some light and provide you with easy-to-follow solutions for any problem.

If you still need some assistance, please feel free to contact us with any questions. Our team of lighting experts are happy to help brighten your day.

## Installation

Light isn't turning on.

Double check if fixture is properly connected and circuit breaker hasn't been tripped.

Light isn't bright enough.

Check proper wattage and for unobstructed fixture.

## Dimming

Light not dimming to lowest setting.

Ensure minimum dimmer load requirement is met.

Light not dimming smoothly.

Verify dimmer compatibility with fixture.

Light not compatible with dimmer switch.

Check light-dimmer compatibility. Consider purchasing compatible switch if necessary.

## Flickering

Light is flickering when turning on.

Check that fixture wiring connections are secure.

Light flickering with other lights on the same circuit.

Check that the lights on the same circuit are not overloading the circuit.

Light flickering when turned on.

Verify fixture compatibility and that it is grounded.

Light flickering when dimmed.

Verify dimmer switch compatibility.

## Buzzing

Fixture buzzing with power outages.

Verify light is connected to surge protector securely.

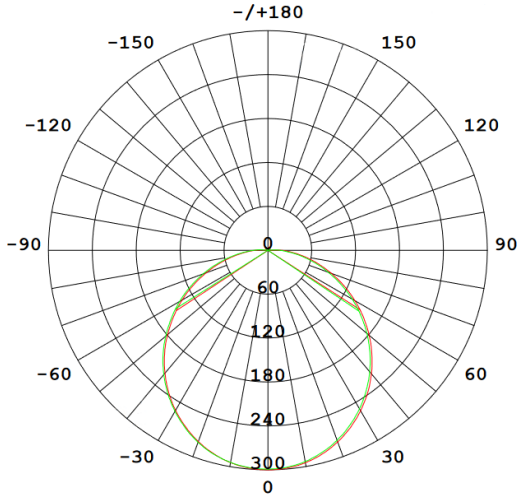
Fixture buzzing with appliances or electronic devices.

Look for nearby interferences that can cause buzzing. Such as televisions, radios, computers, etc.

Fixture buzzing when dimmed.

Verify dimmer switch compatibility.

# Light Distribution Angle



←  
*Not a lighting nerd?  
No worries, you can skip this page*

AVERAGE BEAM ANGLE (50%): 113.9°DEG

- C0/180 113.9°
- C90/270 114.0°

UNIT:cd Luminous Intensity Distribution 1

Lighting distribution angle refers to the spread of light emitted from a light source. It is an important factor to consider when selecting a fixture or bulb, as it affects the way it will illuminate an area. There are two main types of lighting distribution angles:

A symmetric lighting distribution emits light evenly in all directions, creating a cone-shaped pattern that provides a pool of light. This type of lighting is ideal for general lighting and illuminating large areas. Common applications for symmetric lighting include general area illumination, security lighting, and perimeter lighting. Symmetric lighting is also used to a certain degree in up-lighting.

An asymmetric lighting distribution angle, also known as beam angle, creates a pattern that focuses light in a specific direction. This type of lighting is ideal for task lighting as it reduces glare and light spill in other areas. Common applications include task lighting in spaces such as landscape settings, retail stores, museums, and much more.

It is important to note that the lighting distribution angle can also be affected by other factors such as the reflector design of the light source, the type of lens used, and the distance between the light source and the surface being illuminated.

## Warranty Policy

This product is covered by our industry leading 7 year warranty.

It gets even better - scan the QR code for 2 extra years of protection!



*Scan me for two extra years!*

## 30 Day Return Policy

At Sunco we value our customers and stand by the quality and performance of our products.

If you are not completely satisfied with your purchase, we accept returns within 30 days of your purchase date.

## Customer Service

Our Los Angeles team of lighting experts is here to assist you with all your needs! Contact us at:

Email: [support@sunco.com](mailto:support@sunco.com)

Call or Text: (844) 334-9938

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