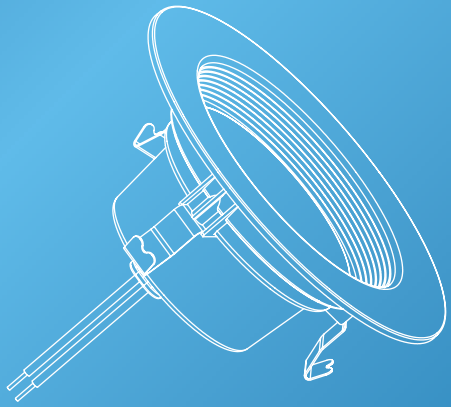
Sunco

Lighting made better.

User Manual

4” LED Baffle Selectable Retrofit Downlight

SKU: DL_BFDR4-11W-27K_5K



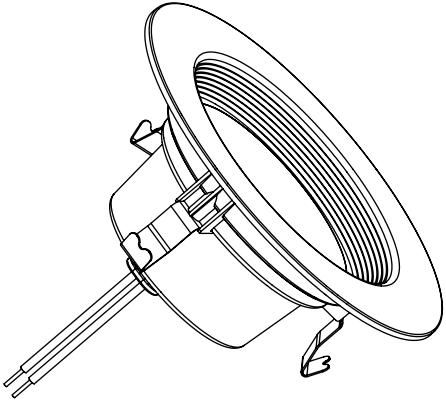
support@sunco.com
(844) 334-9938

Intertek

RoHS COMPLIANT

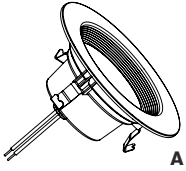
What's in the Box?

Retrofit Downlight



Let there be light!
(literally)

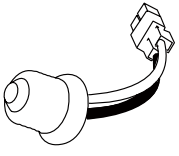
Accessories



A

x1

Light Fixture



B

x1

TP24 to E26
Adapter

Before You Start

Safety Information

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

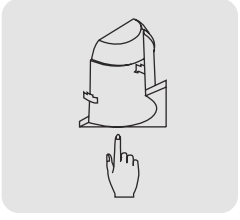
- Turn off circuit breaker before installing this fixture.
- This product should be installed by a person familiar with the construction and operation of the product and hazards involved. Safety eyeglasses and gloves are recommended.
- Abide by related regional and local laws or regulations.
- Proper 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 temperatures ranging from -4°F to 113°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

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

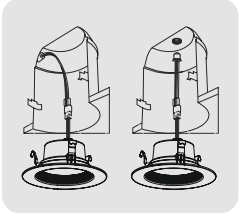
1) This device may not cause harmful interference.
2) This device must accept any interference that may cause undesired operation. Please review all instructions carefully prior to installation.

Quickstart Guide



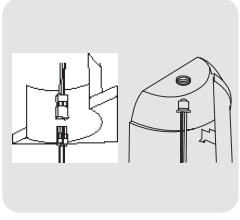
Step 1

Turn off the power then locate the housing.



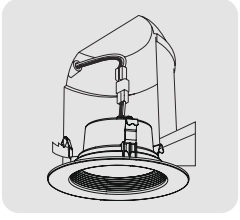
Step 2

Determine type of connector available.



Step 3

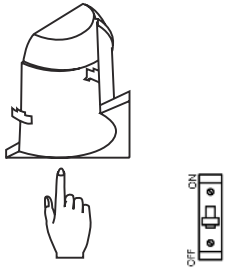
Connect the adapter with lamp base connector.



Step 4

Push downlight into can until secure.

Installation Guide

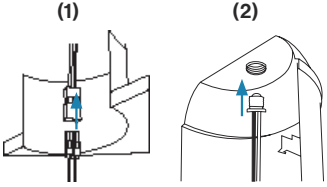


STEP 1

a. Turn off circuit breaker before installation.

b. Locate the housing and remove the previous fixture.

NOTE: Light fixture may be hot! Allow time for the fixture to cool after the power is off.

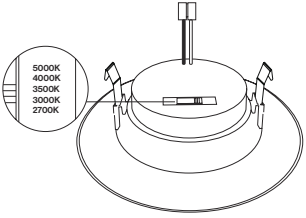


STEP 2

a. Determine the type of connector available, then connect the wires.

(1) TP24 Connector

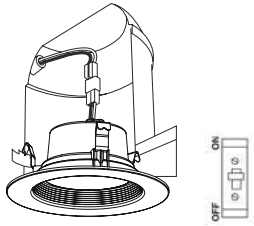
(2) E26 Base



STEP 3

a. Use the switch on the back of the retrofit to select one of five color temperatures.

Product Details



STEP 4

a. Tuck all wires into the can.

b. Line up the trim ring with the opening, then push the downlight into the can. The compression clips will hold the retrofit in place.

c. Turn on the circuit breaker to test the light.

Recommended Dimmers

Scan for the full compatible dimmer list!

Brand	Model
LEVITON	6672-1LW
LEVITON	IPLO6-10Z
LUTRON	AYCL-153P-WH
LUTRON	DVCL-153P-WH
LUTRON	MACL-153M-WH

Specifications

Voltage	120 V	**Average Lifetime**	50000 Hours
Wattage	11W	**Lumens**	660 lm
Beam Angle	120°	**Moisture Rating**	Damp
Efficacy	60 lm/W	**CRI**	80+
Material	PA	**Usage**	Indoor
Dimmable	Yes	**Warranty**	7 Years

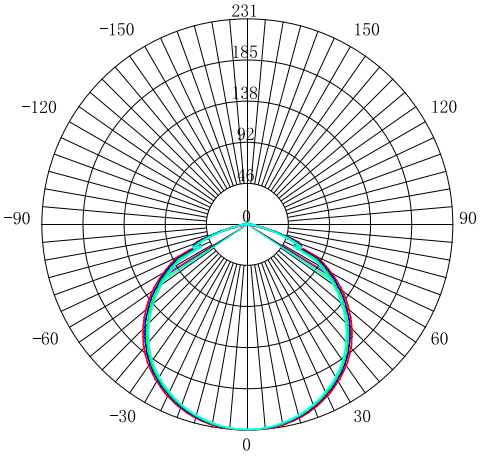
Common Troubleshooting

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 unexpectedly fails.	For further assistance, reach out to customer support.
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%): 114.7°DEG

	C0/180	117.6°
	C30/210	115.9°
	C60/240	113.6°
	C90/270	111.8°

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.

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