Sunco

Lighting made better.
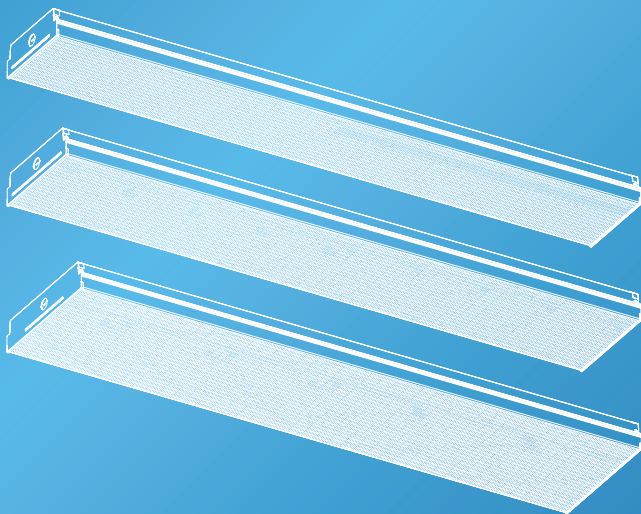
User Manual

LED Prismatic Lens Wraparound Light

SKU: WR_PR7-WH-4060K
WR_PR8-WH-4060K
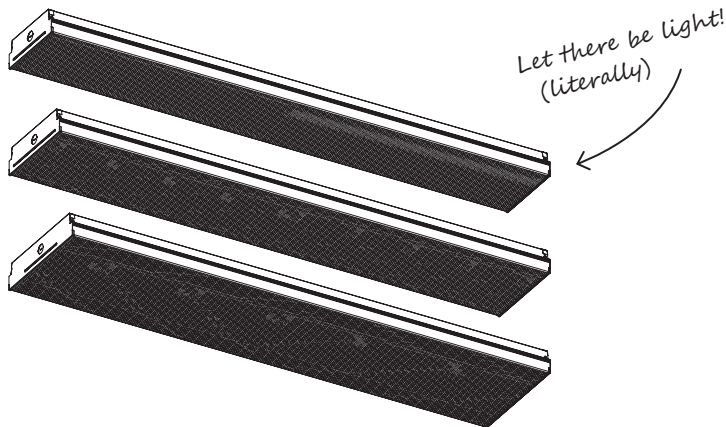WR_PR11-WH-4060K

What's in the Box?

Wraparound

Let there be light!
(literally)

Components

A x1	**B** x2	**C** x4	**D** x3
Light Fixture	Mounting Screws (15mm) #8-32	Self-tapping Screws ST4	Heat-shrink Tubeφ12
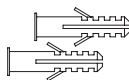
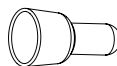|			
E x3	**F** x4	**G** x3	**H** x4
Wire Nuts (P3)	Wall Anchors	Wire Connectors (CE5)	Inner Toothed Washer

Before You Start

Safety Information

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

- Turn off power before changing fixture.
- Suitable for use in damp environments at temperatures ranging from -4°F to 104°F. Not for use where directly exposed to water.
- Not intended for use with emergency fixtures.
- Not compatible with photo-electric sensors.
- Not compatible with motion sensors.
- Not compatible with third party sensors.
- Not compatible with dimmers. For more dimming information, please visit www.sunco.com.
- Not compatible with timing devices.
- All electrical connections must be in accordance with local and National Electric Code (N.E.C.) standards.
- Please review installation manual carefully before proceeding. Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.

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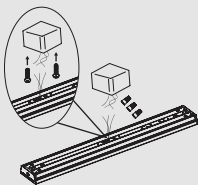
2.) This device must accept any interference that may cause undesired operation. Please review all instructions carefully prior to installation.

Quickstart Guide

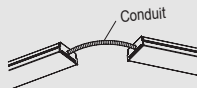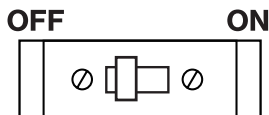| Step 1	Step 2	Step 3	Step 4
Label wires when replacing fixtures.	Align two mounting screw holes from light fixture to J-Box.	Reattach diffuser & secure with aluminum base.	Press for secure, audible "click."

Installation Guide (Junction Box Installation)

STEP 1

a. Turn off circuit breaker before installation.

b. For fixture replacement, sketch or label wires for reference.

OFF   ON
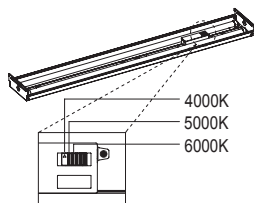
STEP 2

a. Remove the diffuser from the lamp base.

b. Select desired color temperature and brightness.

4000K
5000K
6000K
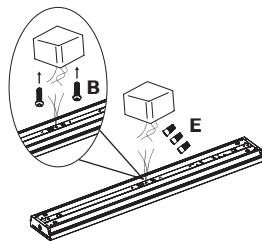
STEP 3

a. Align the two mounting screw holes from the light fixture to the junction box.
b. Screw mounting screws (B) to hold fixture in place.
c. Connect supply wires to light wires and secure with wire nuts (E):
Black to Black (Live) • White to White (Neutral) • Bare Copper to Ground (Green)
d. Tuck wires into Junction box.

B

E

STEP 4

a. Lamp base can be rotated clockwise.

b. Tighten mounting screws (B) to ensure fixture is installed securely.
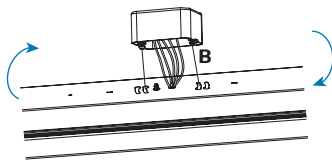
STEP 5

a. Punch out end cap hole, then remove cables from the lamp base.
b. Connect light wires and secure with wire nuts (E) :
1.Black to Black (Live) • White to White (Neutral) • Bare Copper to Ground (Green)
c. Wiring between the two linked fixtures should be clamped with wire connectors. Ensure that the clamping is not loose, then insert the heat shrink tube to tighten.
Note: The size of the conduit should be <= 1in (ie 1″, 3/4″, 1/2″)
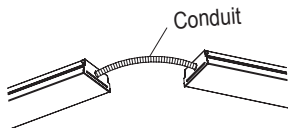
STEP 6

a. Punch an end cap hole, remove cables from the lamp base, and connect wires: Live (black) to Live, Neutral (white) to Neutral, Ground (yellow/green) to Ground.
b.The wiring between the fixtures is clamped with a wire connectors to ensure that the clamping is not loose, and then put on the heat shrink tube to tighten.
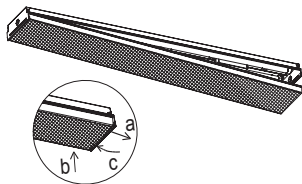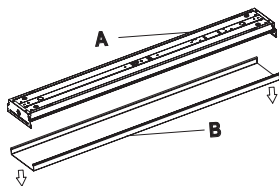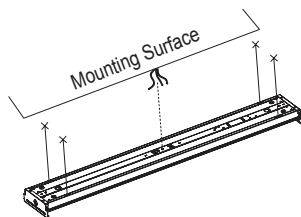c. Size of conduit ≤1 inch (1/2″ 3/4″ 1″)

Installation Guide (Surface Mount Installation)

STEP 1

a. Turn off circuit breaker before installation.

b. For fixture replacement, sketch or label wires for reference.

c. Detach the diffuser from the lamp base. The mounting surface must support the fixture's weight.

STEP 2

a. Select desired CCT and brightness.

b. Align the Lamp Base with the mounting location using the knockout holes. Mark the 4 keyhole slots at each end of the housing.
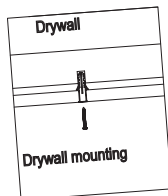
STEP 3

DRYWALL MOUNTING (No Stud):

Drill 4 small pilot holes with a 7/32" bit (not included).
Insert wall anchors with a hammer. Partially tighten 4 wood screws, leaving a 3/8" gap between the screw head and the mounting surface.

STEP 4

a. WALL STUP MOUNTING OPTION

Drill 4x small pilot holes with a 9/64" drill bit (not included). Install 4x wood screws into the mounting surface, but not fully. Leave about a 3/8" gap between the screw head and mount surface.
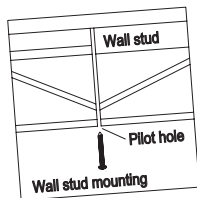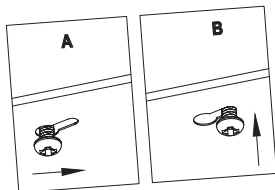
STEP 5

a. Take out the cables from the lamp base. Remove shrink wrap, connect wires: Live (black) to Live, Neutral (white) to Neutral, Ground (yellow/green).

b. Insert screws into keyhole slots, slide lamp base (a) to align screw heads, and secure fixture to mounting surface. Use provided washer for added vibration protection.
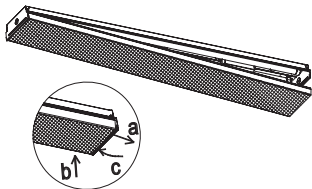
STEP 6

a. Reattach the diffuser, align and secure with metal base. Restore power and test the light.

b. Turn on circuit breaker and the test light.

WR_PR7-WH-4060K

2.5"

7"

48"

WR_PR8-WH-4060K

2.5"

8.6"

48"
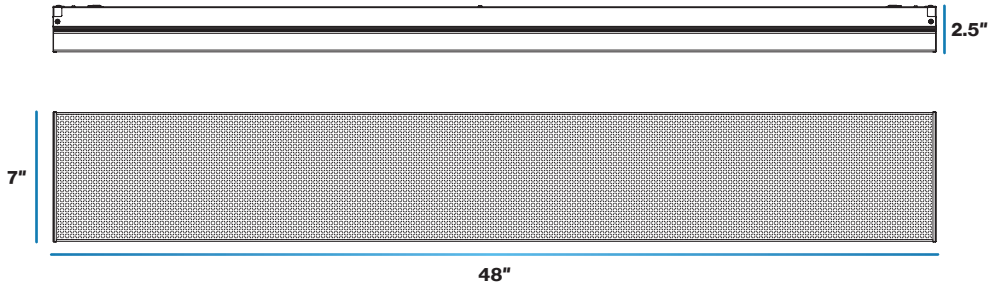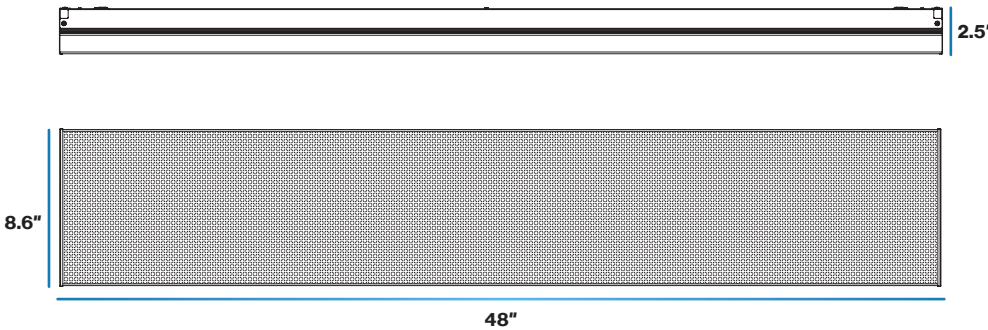
Product Details

WR_PR11-WH-4060K

2.5"

11.1"

48"
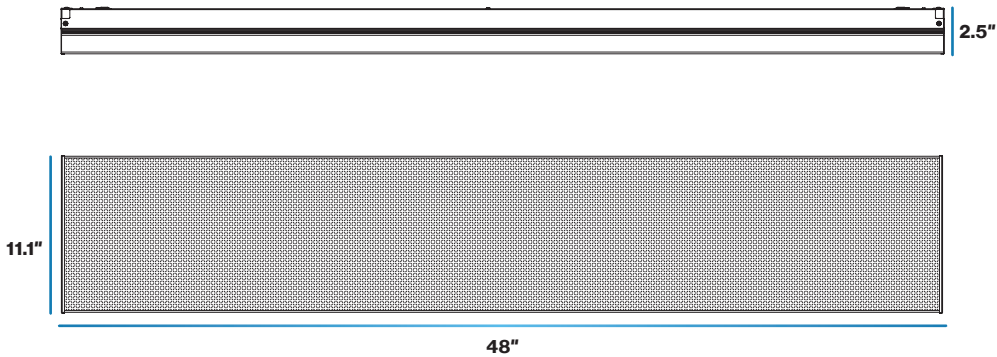
WR_PR7-WH-4060K Specifications

Voltage	120 V-277 V	**Average Lifetime**	50,000 Hours
Wattage	50 W	**Lumens**	6500 lm
Beam Angle	110°	**Moisture Rating**	Damp Rated
Frequency	50 / 60 Hz	**CRI**	80+
CCT	4000 K, 5000 K, 6000 K	**Efficacy**	130 lm/W
Housing Material	PC+Steel	**Usage**	Indoor
Dimmable	Non-Dimmable	**Warranty**	7 Years

Product Details

WR_PR8-WH-4060K Specifications

Voltage	120 V-277 V	**Average Lifetime**	50,000 Hours
Wattage	60 W	**Lumens**	7200 lm
Beam Angle	110°	**Moisture Rating**	Damp Rated
Frequency	50 / 60 Hz	**CRI**	80+
CCT	4000 K, 5000 K, 6000 K	**Efficacy**	120 lm/W
Housing Material	PC+Steel	**Usage**	Indoor
Dimmable	Non-Dimmable	**Warranty**	7 Years

WR_PR11-WH-4060K Specifications

Voltage	120 V-277 V	**Average Lifetime**	50,000 Hours
Wattage	72 W	**Lumens**	8500 lm
Beam Angle	110°	**Moisture Rating**	Damp Rated
Frequency	50 / 60 Hz	**CRI**	80+
CCT	4000 K, 5000 K, 6000 K	**Efficacy**	118 lm/W
Housing Material	PC+Steel	**Usage**	Indoor
Dimmable	Non-Dimmable	**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.	Light not dimmer compatible.
Light not dimming smoothly.	Light not dimmer compatible.
Light not compatible with dimmer switch.	Light not dimmer compatible.

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.	Light not dimmer compatible.

Buzzing

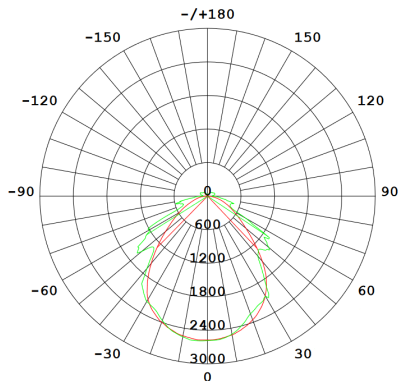|	
Fixture buzzing with power outages.	Verify light is connected to surge protector securely.
Fixture buzzing with appliances or electronic devices.	Look for nearby interferences that can cause buzzing. Such as televisions, radios, computers, etc.
Fixture buzzing when dimmed.	Light not dimmer compatible.

Light Distribution Angle

WR_PR7-WH-4060K

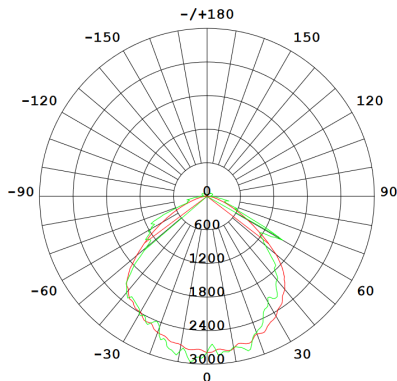Not a lighting nerd?
No worries, you can skip this page

AVERAGE BEAM ANGLE (50%): 101.0 DEG

——	C0/180	88.0°
——	C90/270	113.9°

UNIT:cd   Luminous Intensity Distribution 1

WR_PR8-WH-4060K

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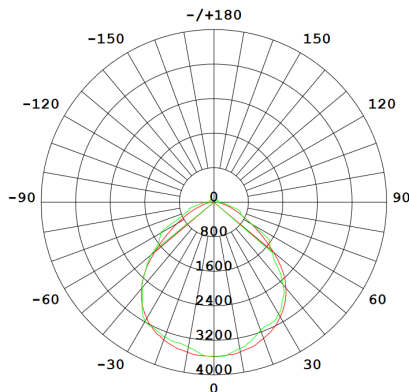No worries, you can skip this page

AVERAGE BEAM ANGLE (50%): 107.9 DEG

——	C0/180	105.9°
——	C90/270	109.9°

UNIT:cd   Luminous Intensity Distribution 1

Light Distribution Angle

WR_PR11-WH-4060K

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

AVERAGE BEAM ANGLE (50%): 100.2 DEG

——	C0/180	100.1°
——	C90/270	100.3°

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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