savr E-CSF Series Sensor Ready LED Canopy Light User Guide

Contents

1 savr E-CSF Series Sensor Ready LED Canopy Light
2 Product Information
3 Product Usage Instructions
4 FAQs
5 Features & Benefits
6 Dimension
7 FIXTURE SPECIFICATIONS
8 WARRANTY & CERTIFICATIONS
9 ELECTRICAL PERFORMANCE
10 MODEL OPTIONS
11 ACCESSORIES
12 ISO PLOT CHART
13 Documents / Resources
13.1 References

savr E-CSF Series Sensor Ready LED Canopy Light

Product Information

- **Series:** E-CSF SERIES
- **Dimensions:** 9.6 L x 10.5 W x 3.4 H
- **Product Weight:** 5 lbs
- **Housing:** Die-cast aluminum in dark bronze or white powder coat finish
- **Lens:** Polycarbonate Lens
- **Mounting:** Surface mounting or pendant mounting options
- **Electrical:** Universal 120-277 AC voltage
- **Warranty:** 5-year warranty
- **Certifications:** cULus, DLC, IP65, IK07

Product Usage Instructions

Installation

1. Choose the appropriate mounting option – surface or pendant.
2. Ensure the input voltage matches the electrical specifications.
3. Securely install the fixture following the provided guidelines.

Operation

1. The light is dimmable, adjust the brightness as needed.
2. To change the color temperature, use the field-selectable CCT feature.
3. For advanced functionality like occupancy sensing, add compatible accessories.

Maintenance

1. Regularly clean the lens and housing to maintain optimal light output.
2. Check for any loose connections or damage to ensure proper functioning.
3. Refer to the user manual for troubleshooting tips if needed.

FAQs

Q: Can I use this product in wet locations?

A: Yes, the product is wet location suitable.

Q: What is the lifespan of this LED canopy light?

A: The lifespan is rated at 149,000 hours.

Q: How do I adjust the sensor settings for occupancy sensing?

A: The sensor settings can be adjusted using a remote control, which is sold separately. Refer to the user manual for detailed programming instructions.

Choose our savr® Square LED Canopy Light if you’re looking for a product that can withstand the elements and offer you a worry-free install. This canopy offers field selectable CCT to help match the existing lighting or to maximize the output with up to 152 Lumens Per Watt (LPW)! If your application could benefit from a motion sensor, we offer that as an option on this product as well. IP65 rated to protect from water and dust, DLC Premium to assure you the efficiency is top notch. Check ’em out today!

Features & Benefits

- FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
- Die-cast aluminum housing with dark bronze or white powder coat finish
- Polycarbonate lens
- Optional occupancy/daylight sensors
- Provides a range of 6800 to 10,500 nominal lumens
- 0-10v dimming with dimming leads available for use in the field

Recommended Use

- Gas Stations
- Parking Garages

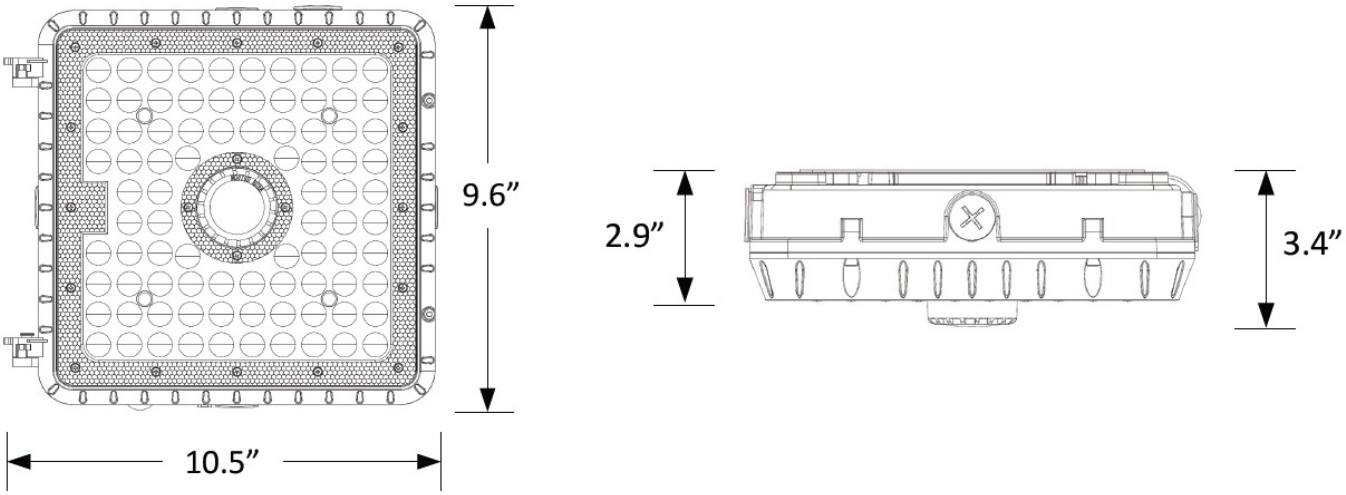
Input Voltage

- 120-277V AC

Certifications

Dimension

E-CSF SERIES



SERIES OVERVIEW

- **DIMENSIONS**

  9.6” L x 10.5” W x 3.4” H
- **PRODUCT WEIGHT**

  5 lbs

FIXTURE SPECIFICATIONS

HOUSING	Die-cast aluminum in dark bronze or white powder coat finish
LENS ASSEMBLY	Polycarbonate Lens
MOUNTING	Surface mounting or pendant mounting options
ELECTRICAL	Universal 120-277 AC voltage

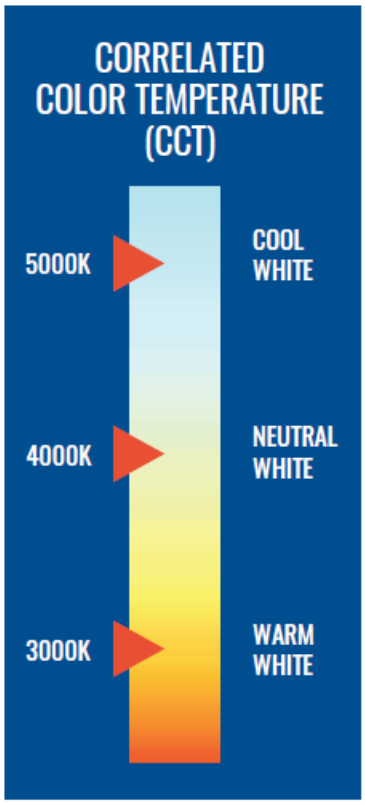
WARRANTY & CERTIFICATIONS

WARRANTY	5-year warranty
cULus	Wet Locations
DLC	Premium, 5.1
IP Rating	IP65 rated for ingress protection
Lens Rating	The lens is IK07-rated for impact

ELECTRICAL PERFORMANCE

TEM OPERATING E PERATURE RANG	**LIFESPAN L70 AT 25˚C (77˚F)**	**POWER FAC TOR**	**TOTAL HARMONIC DISTORTION**	**DIMMABLE**
-40°F to 104°F (-40°C to 40°C)	149,000 hours	>0.90	<20%	0-10Vdc

INPUT VOLTAGE CURRENT DRAW (AMPS)	**120V**	**208V**	**240V**	**277V**
Low Lumens	0.39A	0.23A	0.20A	0.17A
Mid Lumens	0.48A	0.28A	0.24A	0.21A
High Lumens	0.61A	0.36A	0.30A	0.26A



OUTPUT SPECIFICATIONS

SKU	LIGHT OUTPUT	COLOR TEMP	POWER CONSUMPTION (LED)	COLOR ACCURACY
E-CSF10A-WSCCT	10,000/8000/7000	3K/4K/5K	73W	>80

MODEL OPTIONS

SKU	DESCRIPTION
E-CSF10A-WSCCTBZ	Dark Bronze Housing
E-CSF10A-WSCCTBZ-OCC	Dark Bronze with Occupancy Sensor
E-CSF10A-WSCCTWH	White Housing
E-CSF10A-WSCCTWH-OCC	White Housing with Occupancy Sensor

ACCESSORIES

ACCESSORIES (SOLD SEPARATELY)

- Microwave Occupancy, Dimming, & Daylight Sensor
- SKU: E-CSF10A-WSCCTxx-OCC
- NOTE: OCC suffix, the sensor is factory installed
- Remote control is required for programming (sold separately).
- Default sensor settings: detection area = 100%, hold time = 20 minutes, stand by period = 0 seconds, stand by dimming level = 10 %, daylight threshold = disabled
- Maximum mounting height = 49 feet.

Sensor Remote Control*

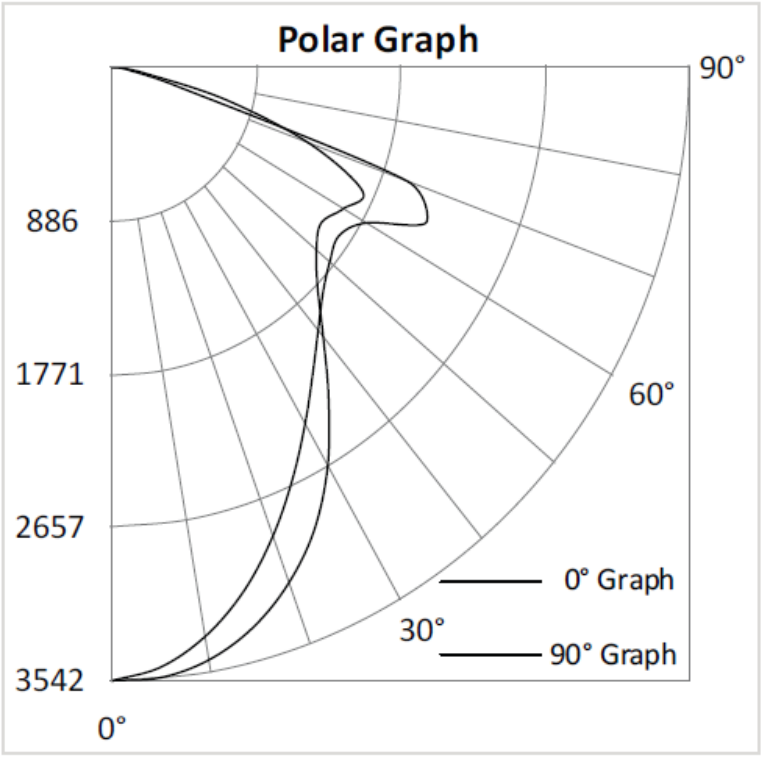
- **SKU:** E-MWAVEDHS-REM
- **NOTE:** Remote required to program sensors

ISO PLOT CHART

E-CSF

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	1,245	12.5%
0-30°	2,530	25.3%
0-40°	3,946	39.5%
20-50°	4,143	41.5%
40-70°	4,839	48.4%
0-60°	6,942	69.5%
0-80°	9,872	98.8%
0-90°	9,993	100.0%
90-180°	0	0.0%
0-180°	9,993	100.0%



Note:
All published photometric testing was performed to IES LM-79-08 standards. Fixture photometry was completed on a single representative fixture. Footcandle levels are noted inside the graph.

© 2025 Cree Lighting, a company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. The savr logo is a registered trademark of e-conolight, LLC. The UL logo is a registered trademark of UL LLC. The DLC QPL, DLC QPL Premium, and the DLC LUNA Logos are the registered and unregistered trademarks of Efficiency Forward, Inc.

- e-conolight.com
- **Customer Service:** 888-243-9445
- **Fax:** 262-504-5409
- 1501 96th Street, Sturtevant, WI 53177.

Documents / Resources

	savr E-CSF Series Sensor Ready LED Canopy Light [pdf] User Guide E-CSF Series Sensor Ready LED Canopy Light, E-CSF Series, Sensor Ready LED Canopy Light, LED Canopy Light, Canopy Light, Light

References

- p65warnings.ca.gov
- User Manual

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.