

SIMPLESEAL™

CSEDO SERIES using Indigo-Clean Technology – QUICK SHIP

PROJECT INFORMATION

Job Name _____

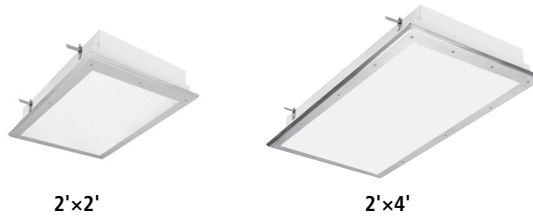
Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Quick Ship ordering options ship in 10 days
- » Provides on-demand environmental disinfection via LED light
- » Single, white disinfection mode
- » Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**
- » Suitable for universal installation into 1" and 1.5" grid and flange (drywall) ceilings



SPECIFICATIONS

HOUSING: Standard 20-gauge cold rolled steel, hole-free, one-piece, seam-welded construction. 18-gauge housing flange with mitered and welded corners. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

DOORFRAME: 20-gauge type 304 stainless steel (#4 finish-post fabrication). One-piece 60° beveled perimeter construction. Continuous angle lens retention system. Mechanical guide for doorframe fastener alignment. Doorframe secured to housing with stainless steel aircraft cables and captive flush mounted Phillips head stainless steel fasteners (8) for 2x2, (12) for 2x4.

OPTICS: Symmetric optic includes diffused, impact-resistant acrylic lens.

DOORFRAME GASKET: One-piece closed cell extruded Nitrile gasket seals doorframe to housing and ceiling structure.

ELECTRICAL: Serviceable mid-power white and 405nm Indigo LED array. Available 3700K color temperatures with 3-step MacAdam variation allowance. Minimum 82 CRI standard. 120-277VAC electrical input with serviceable high power factor electronic, constant-current drivers (<10% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V). 660µA maximum source current. Single, white disinfection mode.

INSTALLATION: Non-IC recessed ceiling mounting into grid and flange application types. Flange installation utilizes included adjustable swing-out mounting brackets. Grid installation suitable for 1" and 1.5" T-bar ceilings. Housing is universal between grid and flange-style mounting types.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard. For additional photometric data, please go to www.kenall.com.

WARRANTY: Limited five (5) year warranty.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratories for Wet Location. Certified IP66 per IEC 60598. NSF2 Splash/Non-Food Zone. CCEA Approved. Suitable for biosafety labs rated BSL 3 and 4. Optional NSF Protocol P442 certified. FED-STD-209E/Class 1 (ISO 3) Cleanrooms. Suitable for EU GMP Grade A cleanrooms. EPA Est. No. 99283-WI-1.

* Per independent lab report #SGS-09517036476. Contact Kenall for a copy of this report.

**Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.



ORDERING INFORMATION (Ex: CSEDO-24-55CD37K-DIM1-DV-2F-2H-SYM)

Model	Size	Lamp Type	Driver	Voltage	Doorframe	Housing	Optics
CSEDO		55CD37K	DIM1	DV	2F	2H	SYM
	Size	Lamp Type		Voltage		Housing Options	
	22 2'x2'	55CD37K 55 Watt 3700K White & Indigo LED		DV 120-277VAC, 50/60Hz		2H 20-Ga CRS	
	24 2'x4'		Driver Type	Doorframe Options		Optics	
			DIM1 0-10V Dimming to 1%	2F 20-Ga CRS		SYM Symmetric, Diffused DR Acrylic	

Click [HERE](#) for full range of CSEDO ordering options



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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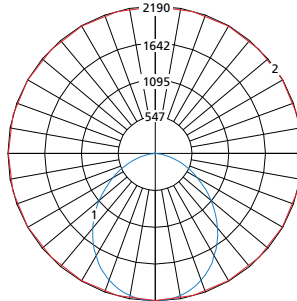
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PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Model	Lamp Type	@ 25°C	Efficacy (lm/W)			
CSEDO22	55CD37K	5,360	85	63	125	80,000
CSEDO24	55CD37K	6,687	115	58	63	80,000

Displayed information is for described luminaires only. Subject to change without notice. Visit www.kenall.com for IES files additional information.

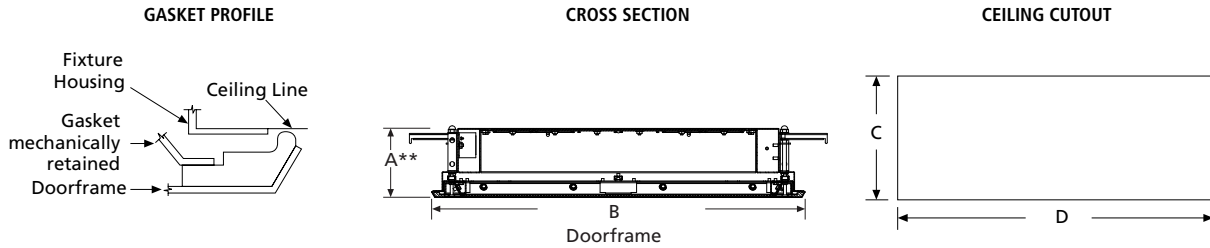
Model: CSEDO22-55CD37K-DIM1-DV-2F-2H-SYM



Maximum Candela = 2190 Located At Horizontal Angle = 15, Vertical Angle = 2.5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)				
	A	B	C	D
2x2	4.43	23.94 x 23.94	22.85	22.85
2x4	4.43	23.94 x 47.94	22.85	46.85

* Add .375" to ceiling cut out dimensions when IF Option is specified
 ** Height is 5.875" with LEL option



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