

SIMPLESEAL™

CSEDI 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



2'x2'



2'x4'

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: 18-gauge CRS. One-piece inset-style construction with welded corners. Gloss white TGIC polyester powder coat finish with 5-stage pre-treatment. Doorframe secured to housing with stainless steel aircraft cables and captive, flush-mounted Phillips-head fasteners. Closed-cell silicone gasket seals doorframe to housing.

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

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" (2.54cm) and 1.5" (3.81cm) T-bar ceilings. Universal installation into grid or flange (drywall) ceiling applications.

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 IP65 per IEC 60598. NSF2 Splash/Non-Food Zone. CCEA Approved. Suitable for biosafety labs rated BSL 1 and 2. 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-09S17036476. 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: CSEDI-24-55CD43K-DIM1-DV-2F-2H-SYM)

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

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



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

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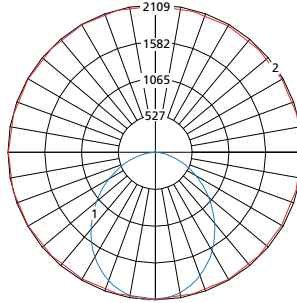
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PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Model	Lamp Type	@ 25°C	Efficacy (lm/W)			
CSEDI22	55CD37K	5,213	83	63	125	80,000
CSEDI24	55CD37K	6,327	109	58	125	80,000

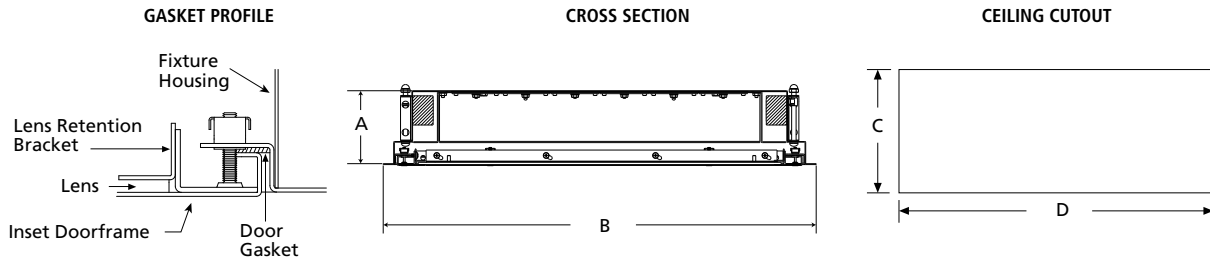
Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.

Model: CSEDI22-55CD37K-DIM1-DV-2F-2H-SYM



Maximum Candela = 2109 Located At Horizontal Angle = 195, Vertical Angle = 2.5
 1 - Vertical Plane Through Horizontal Angles (195-15) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES & CENTIMETERS)

	A	B	C	D
24x24	4.20	23.75 x 23.75	22.85	22.85
60.96cmx60.96cm	10.67	60.33 x 60.33	58.04	58.04
24x48	4.20	23.75 x 47.75	22.85	46.85
60.96cmx121.92cm	10.67	60.33 x 121.29	58.04	119.00

* Add .375" (.95cm) to ceiling cut out dimensions when IF Option is specified

** Height is 5.875" (15 cm) with LEL option



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