		PRO	JECT INFORMATION
SIMPLESEAL™		Job Name	
CSEDI SERIES using Indigo-Clean Technolo	av	Fixture Type	
	57	Catalog Number	
PRODUCT FEATURES: » Provides on-demand environmental disinfection via LED light		Approved by	
» Single, white disinfection mode			
»Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**	>	>	4
» Effective and efficient lighting performance		~	
» Suitable for universal installation into 1" and 1.5" grid and flange (drywall) ceilings	7		2
SPECIFICATIONS	1'×4'	2'×2'	2'×4'

HOUSING: Standard 24-gauge (optional 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 3200K, 3700K and 4300K color temperatures with 3-step MacAdam variation allowance. Minimum 82 CRI standard. 120-277VAC and 347VAC 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 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. See Options for continuous row mounting and install frames.

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-24-110C43K-DIM1-DV-2F-2H-SYM)

Mode CSI	el EDI	Size	Lamp Type Dr	iver I M1	Voltage	Doorframe	Housi	ing	Optics SYM	Options	Accessories
Size 14 22 24	1'×4' 2'×2' 2'×4'		Lamp Type 1'x4' 55C32K 55 Watt 3200K White & Indigo LED 55C37K 55 Watt 3700K White & Indigo LED 55C43K 55 Watt 3200K White & Indigo LED 82C32K 82 Watt 3200K White & Indigo LED 82C37K 52 Watt 3700K White & Indigo LED 82C43K 82 Watt 3200K White & Indigo LED 82C43K 82 Watt 3200K White & Indigo LED 110C32K 110 Watt 3200K White & Indigo LED 110C43K 110 Watt 3200K White & Indigo LED 110C43K 110 Watt 4300K White & Indigo LED 2'x2' 55CD32K 55 Watt 3200K White & Indigo LED 55CD37K 55 Watt 3700K White & Indigo LED	2'×4 55CC 55CC 82C3 82C3 82C4 110C 110C 110C 165C 165C Drive	32K 55 Watt 3: 37K 55 Watt 3: 37K 55 Watt 4: 2K 82 Watt 3: 37K 82 Watt 3: 37K 82 Watt 3: 32K 110 Watt 1: 37K 110 Watt 1: 37K 110 Watt 1: 37K 165 Watt 1: 37K 165 Watt 1: 37K 165 Watt 1: 37K 165 Watt 1:	200K White & Indigo LED 700K White & Indigo LED 300K White & Indigo LED 200K White & Indigo LED 200K White & Indigo LED 300K White & Indigo LED 3200K White & Indigo LED 3200K White & Indigo LED 3200K White & Indigo LED 3700K White & Indigo LED 3700K White & Indigo LED 3700K White & Indigo LED	SYM Housing Options 4H 24-Ga CRS (STD) 2H 20-Ga CRS 5H 20-Ga Type 304 SS PAH .050" Painted Aluminum Optics SYM Symmetric, Diffused DR Acrylic Options LEL‡ LEL‡ 8.4 W Emergency Battery Pack AMF+ Antimicrobial Finish FS FS Fuse & Holder HJ Sealed Wireway RM† Continuous Row Mounting 2C Two Circuit Wiring (1'x4'-55C single circuit or will yield uneven lens luminance) Accessories IF*† IF*† Install Frame				
			SCD43K 55 Watt 4300K White & Indigo LED 82C32K 82 Watt 3200K White & Indigo LED 82C37K 82 Watt 3700K White & Indigo LED 82C43K 82 Watt 4300K White & Indigo LED 110C32K 110 Watt 3200K White & Indigo LED 110C43K 110 Watt 4300K White & Indigo LED	DIM Volta DV 120 277 347	nge 120-277VAC, 120VAC 277VAC 347VAC	g to 1% 50/60Hz			'x4'-55C single ci luminance)	rcuit operation	
Click <u>HERE</u> for CSEDI-ICT 'Fast Track' Ordering Options Ships in 10 days			Door 5F 2F AF PAF	frame Options 20-Ga Type 30 18-Ga CRS (ST Anodized Alum Painted Fabrica	4 SS Brushed D) inum ted Aluminum	* Add † Only ceili • Volt ‡ Heig Volt 0°C	.375" to y available ngs (flang- age specif ght of fixtu age specif /32°F min. lied only to	ceiling cut ou when install e mount) ic selection re re is 5.875" ic selection re operating er	It dimensions ed in drywall equired with LEL Option. equired, n/a with vironment. inted surfaces of	347V. Iuminaire	

 Applied only to exposed painted surfaces of luminaire (not available on stainless steel doorframes)



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SIMPLESEAL[™]

CSEDI SERIES using Indigo-Clean Technology

PERFORMANCE		Initial Delivered Lumens			
Lamp Туре	@ 25°C	Efficacy (Im/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
55C32K	5,254	83	63	125	80,000
55C37K	5,390	86	63	125	80,000
55C43K	5,445	86	63	125	80,000
82C32K	7,934	85	93	93	80,000
82C37K	8,139	88	93	93	80,000
82C43K	8,222	88	93	93	80,000
110C32K	9,777	77	127	125	60,000
110C37K	10,030	79	127	125	60,000
110C43K	10,133	80	127	125	60,000
55CD32K	5,081	81	63	125	80,000
55CD37K	5,213	83	63	125	80,000
55CD43K	5,266	84	63	125	80,000
82C32K	7,674	83	93	93	80,000
82C37K	7,872	85	93	93	80,000
82C43K	7,953	86	93	93	80,000
110C32K	9,456	74	127	125	60,000
110C37K	9,701	76	127	125	60,000
110C43K	9,800	77	127	125	60,000
55CD32K	6,167	106	58	125	80,000
55CD37K	6,327	109	58	125	80,000
55CD43K	6,391	110	58	125	80,000
82C32K	7,577	81	93	93	80,000
82C37K	7,773	84	93	93	80,000
82C43K	7,852	84	93	93	80,000
110C32K	9,337	74	127	125	60,000
110C37K	9,579	75	127	125	60,000
110C43K	9,677	76	127	125	60,000
165C32K	13,559	71	190	125	60,000
165C37K	13,910	73	190	125	60,000
165C43K	14,052	74	190	125	60,000
	Lamp Type 55C32K 55C37K 82C37K 82C37K 82C37K 82C43K 110C32K 110C43K 55CD32K 55CD37K 55CD43K 82C32K 82C37K 82C43K 110C37K 110C43K 55CD32K 55CD32K 55CD32K 55CD32K 55CD43K 82C32K 82C37K 82C43K 110C437K 82C43K 110C37K 110C37K 110C32K 110C37K 82C43K 110C32K 110C37K 110C37K 110C37K 110C37K 110C37K	Initial Deliver Lamp Type @ 25°C 55C32K 5,254 55C37K 5,390 55C43K 5,445 82C37K 8,139 82C37K 8,139 82C37K 8,139 82C37K 8,139 82C37K 8,139 82C37K 8,139 82C43K 8,222 110C32K 9,777 110C37K 10,030 110C43K 10,133 55CD32K 5,081 55CD32K 5,081 55CD32K 7,674 82C37K 7,872 82C43K 7,953 110C32K 9,456 110C37K 9,701 110C37K 9,701 110C43K 9,800 55CD32K 6,167 55CD32K 6,391 82C43K 7,577 82C32K 7,577 82C37K 7,773 82C43K 7,852 110C37K 9,337	Initial Delivered LumensLamp Type@ 25°CEfficacy (Im/W)55C32K5,2548355C37K5,3908655C43K5,4458682C32K7,9348582C37K8,1398882C43K8,22288110C32K9,77777110C37K10,03079110C43K10,1338055CD32K5,0818155CD37K5,2138355CD43K5,2668482C37K7,8728582C43K7,95386110C32K9,45674110C37K9,70176110C37K9,70176110C37K9,70176110C43K9,8007755CD32K6,16710655CD37K6,32710955CD43K6,39111082C37K7,5778182C37K7,5778182C37K7,5778482C43K7,85284110C37K9,57975110C43K9,67776165C32K13,559711165C37K13,91073165C43K14,05274	Lamp Type@ 25°CEfficacy (ImW)Input Power (W)55C32K5,254836355C37K5,390866355C43K5,445866382C32K7,934859382C37K8,139889382C43K8,2228893110C32K9,77777110C37K10,03079127110C43K10,1338012755CD32K5,081816355CD43K5,266846382C37K7,774839382C37K7,872859382C43K7,9538693110C32K9,45674127110C43K9,80077127110C37K9,70176127110C37K9,70176127110C37K9,80077127110C43K9,80077127110C43K9,80077127110C37K9,757819382C43K7,577819382C32K7,577819382C43K7,8528493110C32K9,33774127110C37K9,57975127110C37K9,57975127110C37K9,57975127110C37K9,57976127110C37K9,57976127110C37K9,57976127 <td>Initial Delivered Lumens Lamp Type @ 25°C Efficacy (ImW) Input Power (W) Drive Current (mA) 55C32K 5,254 83 63 125 55C37K 5,390 86 63 125 55C37K 5,390 86 63 125 82C32K 7,934 85 93 93 82C37K 8,139 88 93 93 82C37K 8,139 88 93 93 82C43K 8,222 88 93 93 10023K 9,777 777 127 125 110C37K 10,030 79 127 125 55CD32K 5,081 81 63 125 55CD37K 5,213 83 63 125 55CD37K 5,266 84 63 125 82C37K 7,674 83 93 93 82C37K 7,872 85 93 93 82C37K</td>	Initial Delivered Lumens Lamp Type @ 25°C Efficacy (ImW) Input Power (W) Drive Current (mA) 55C32K 5,254 83 63 125 55C37K 5,390 86 63 125 55C37K 5,390 86 63 125 82C32K 7,934 85 93 93 82C37K 8,139 88 93 93 82C37K 8,139 88 93 93 82C43K 8,222 88 93 93 10023K 9,777 777 127 125 110C37K 10,030 79 127 125 55CD32K 5,081 81 63 125 55CD37K 5,213 83 63 125 55CD37K 5,266 84 63 125 82C37K 7,674 83 93 93 82C37K 7,872 85 93 93 82C37K

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

Model: CSEDI14-110C37K-DIM1-DV-2F-2H-SYM



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







Model: CSEDI24-165C37K-DIM1-DV-2F-2H-SYM



Max Candela = 5468 Located At Horizontal Angle = 0, Vertical Angle = 5 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)



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SIMPLESEAL[™] CSEDI SERIES using Indigo-Clean Technology

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES & CENTIMETERS)							
	Α	В	С	D			
12×48	4.20	11.75 × 47.75	10.85	46.85			
30.48cm×121.92cm	10.67	29.85 × 121.29	27.56	119.00			
24×24	4.20	23.75 × 23.75	22.85	22.85			
60.96cm×60.96cm	10.67	60.33 × 60.33	58.04	58.04			
<u>24×48</u>	4.20	23.75 × 47.75	22.85	46.85			
60.96cm×121.92cm	10.67	60.33 × 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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