

SIMPLESEAL™

CSEDI SERIES – HIGH OUTPUT LED – INSET DOOR

PRODUCT FEATURES:

- » High-output, high-CRI LED lamp sources for accurate color rendition and lighting performance
- » Diffused high-efficiency lens for reduced glare
- » Recessed ceiling mount; grid or flange
- » Suitable for universal installation into 1.0" and 1.5" grid or flange (drywall) ceilings
- » One piece inset doorframe, secured to housing with aircraft cables



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: 20-gauge CRS. Hole-free, one-piece, seam-welded construction. Integral aluminum heat sink for thermal dissipation. 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 lens.

OPTICS: Narrow and Wide optical distribution patterns. 0.125" polycarbonate outer lens continuously sealed to perimeter of lens frame. Inner frost acrylic (FA) and clear textured acrylic (TA) lens options provide enhanced glare control.

DOORFRAME GASKET: Closed-cell silicone gasket seals Doorframe to Housing.

ELECTRICAL: Available 4000K and 5000K color temperatures with maximum 5-step MacAdam variation allowance. 120-277VAC or 277-480VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 5-100% dimming range with dim-to-dark capabilities @ 0V (100µA maximum source current).

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

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 field-convertible between grid and flange-style mounting types. See Options for install frames.

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratories for Wet Location and marked spacings (36" x 36" x 24"). Certified IP65 per IEC 60598. NSF2 Splash/Non-Food Zone. CCEA Approved. Meets requirements for FED-STD-209E/Class 1 (ISO 3) Cleanrooms. Suitable for installation into -30°C to 30°C ambient environments, unless otherwise noted.



ORDERING INFORMATION (Ex: CSEDI-2424-184L-40K8-DIM5-DV-2F-2H-TA-W)

Model	Size	Lamp Power	Lamp Color	Driver	Voltage	Doorframe	Housing	Optics	Options	Accessories
CSEDI	2424			DIM5						
	Size 2424 2' x 2'	Lamp Power 184L 184 Watt LED 250L 250 Watt LED	Lamp Color 40K7 4000K / 70CRI min. 40K8 4000K / 80CRI min. 50K7 5000K / 70CRI min. 50K8 4000K / 80CRI min.	Driver Type DIM5 0-10V Dimming to 5%	Voltage DV 120-277VAC, 50/60Hz CV 277-480VAC, 50/60Hz	Doorframe Options 2F 20-Ga CRS (STD) 5F 20-Ga Type 304 SS XF 20-Ga Type 316 SS AF Anodized Aluminum PAF .063" Painted Fabricated Aluminum	Housing Options 2H 20-Ga CRS (STD) 5H 20-Ga Type 304 SS PAH .050" Painted Aluminum	Optics TA-W Textured Acrylic with Wide Distribution FA-N Frosted Acrylic with Narrow Distribution	Options LEL 20W Integral Emergency Battery Backup (n/a CV input voltage) AMF Antimicrobial Finish FS Fuse & Holder HJ Sealed Wireway IF Install Frame (drywall ceilings only)	



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SIMPLESEAL™

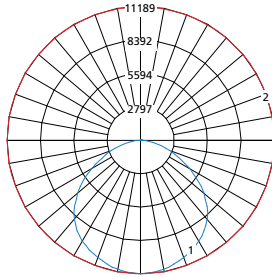
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PERFORMANCE

Model	Optic Type	Lamp Power	Initial Delivered Lumens, By Lamp Color				Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (hrs)
			40K8	40K7	50K8	50K7			
CSEDI2424	TA-W	184L	24,461	27,105	25,783	27,105	118 - 130	208	125,000
		250L	30,397	33,683	32,040	33,683	113 - 125	269	
	FA-N	184L	24,956	27,654	26,305	27,654	120 - 133	208	90,000
		250L	31,012	34,365	32,688	34,365	115 - 128	269	

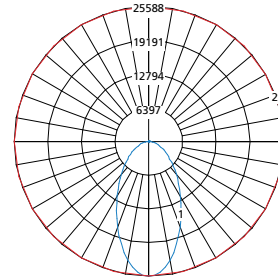
Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

Model: CSEDI-2424-250L-40K7-DIM5-xxx-yyy-zzz-TA-W



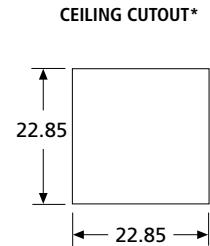
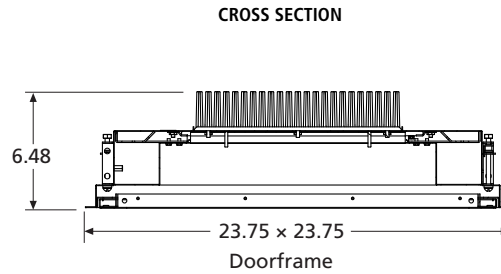
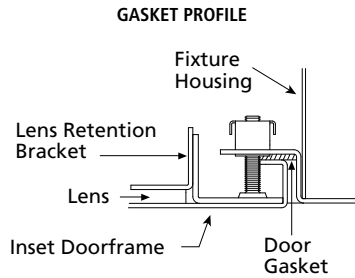
Max Candela = 11189 Located At Horizontal Angle = 0, Vertical Angle = 2.5
 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

Model: CSEDI-2424-250L-40K7-DIM5-xxx-yyy-zzz-FA-N



Max Candela = 25588 Located At Horizontal Angle = 0, Vertical Angle = 0
 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA



* Add .375" to ceiling cut out dimensions when IF Option is specified



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