

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: Textured or frost acrylic inner lens with clear polycarbonate outer lens.

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

ELECTRICAL: Available 4000K and 5000K color temperatures with maximum 5-step MacAdam variation allowance. 277VAC or 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 10-100% range.

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. 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 40°C ambient environments, unless otherwise noted.



ORDERING INFORMATION (Ex: CSEDI-2424-192L-40K8-DIM10-277-2F-2H-TA-W)

Model	Size	Lamp Power	Lamp Color	Driver	Voltage	Doorframe	Housing	Optics	Options	Accessories
CSEDI	2424			DIM10						
	Size 2424 2' x 2'			Driver Type DIM10 0-10V Dimming to 10%			Housing Options 2H 20-Ga CRS (STD) 5H 20-Ga Type 304 SS PAH .050" Painted Aluminum			
	Lamp Power 192L 192 Watt LED 295L 295 Watt LED			Voltage 277 277VAC 347 347VAC			Optics TA-W Textured Acrylic with Wide Distribution FA-N Frosted Acrylic with Narrow Distribution			
	Lamp Color 40K7 4000K / 70CRI min. 40K8 4000K / 80CRI min. 50K7 5000K / 70CRI min. 50K8 4000K / 80CRI min.			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			Options LEL 20W Integral Emergency Battery Backup (N/A 347V) AMF Antimicrobial Finish FS Fuse & Holder HJ Sealed Wireway IF Install Frame (drywall ceilings only)			



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CSEDI-2424-101618

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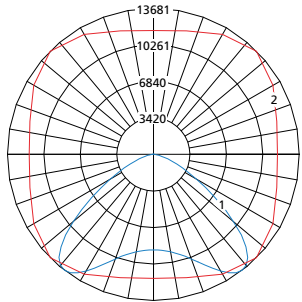
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PERFORMANCE

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			
TA-W	192L	24,287	25,625	24,287	26,550	109 - 120	222	125,000
	295L	32,487	34,277	32,487	35,514	99 - 109	327	125,000
FA-N	192L	25,079	26,461	25,079	27,416	113 - 123	222	90,000
	295L	33,547	35,395	33,547	36,672	103 - 112	327	90,000

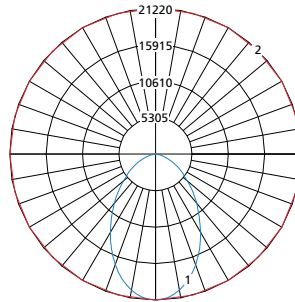
Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

Model: CSEDI-2424-295L-40K7-DIM10-xxx-yyy-zzz-TA-W



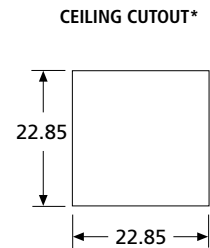
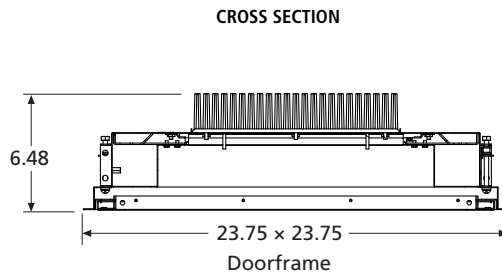
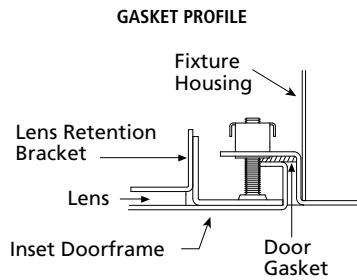
Max Candela = 13681 Located At Horizontal Angle = 45, Vertical Angle = 37.5
 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (37.5) (Through Max. Cd.)

Model: CSEDI-2424-295L-40K7-DIM10-xxx-yyy-zzz-FA-N



Max Candela = 21220 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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