

SIMPLESEAL™

CSEDO SERIES – HIGH OUTPUT LED – OVERLAPPING 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 overlapping door provides air-tight integrity of luminaire



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: 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.

OPTICS: Textured or frosted acrylic inner lens with clear polycarbonate outer lens.

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

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 certification to UL standards by Intertek Testing Laboratories for Wet Location. Certified IP66 per IEC 60598. Certified to NSF2 Splash/Non-Food Zone. Suitable for biosafety labs rated BSL 3 and 4. 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: CSEDO-2424-192L-40K8-DIM10-277-2F-2H-TA-W)

Model	Size	Lamp Power	Lamp Color	Driver	Voltage	Doorframe	Housing	Optics	Options	Accessories
CSEDO	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 5F 20-Ga Type 304 SS (STD) 2F 20-Ga CRS XF 20-Ga Type 316 SS 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)			

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



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CSEDO-2424-112420

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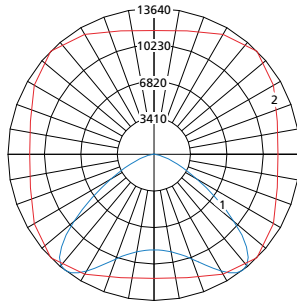
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PERFORMANCE

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	23,937	25,201	23,937	26,111	108 - 118	222	125,000
	295L	32,014	33,710	32,014	34,927	98 - 107	327	125,000
FA-N	192L	24,697	26,002	24,697	26,940	111 - 121	222	90,000
	295L	33,031	34,781	33,031	36,036	101 - 110	327	90,000

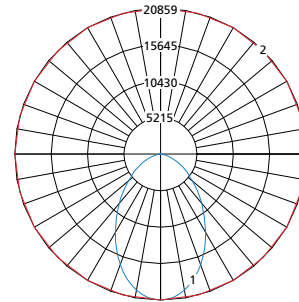
Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

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



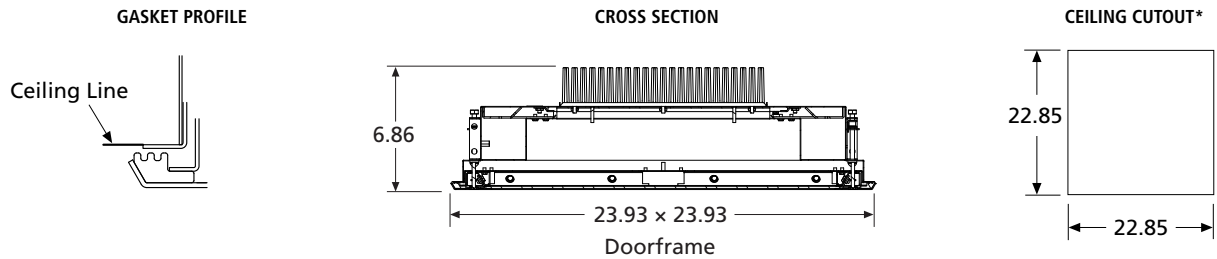
Max Candela = 13640 Located At Horizontal Angle = 45, Vertical Angle = 37.5
 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (37.5) (Through Max. Cd.)

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



Max Candela = 20859 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



Nominal Fixture Weight of 44 lbs

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



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