

SIMPLESEAL™

CSEFO SERIES – FLANGE MOUNT – OVERLAPPING DOOR

PRODUCT FEATURES:

- » Recessed ceiling mount; flange – 1'×4', 2'×2', 2'×4'
- » Optional Food Zone/Non-Contact listing, ideal for food processing applications
- » For Hazardous applications please refer to the HSEFO series

SPECIFICATIONS

HOUSING: 20-gauge CRS. Hole-free, one-piece, seam-welded construction. Integral aluminum heatsink 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 (12) for 1×4, (10) for 2×2, (14) for 2×4. Thumb screws used for FN option.

LENS: .125" #12 high impact acrylic lens sealed to perimeter ledge of lens aperture with silicone sealant and secured with continuous lens retention system. Lens orientation – smooth side out. See Options for alternate lens selections. If required, specify lens overlay combinations inner/outer (Example: R/T). FN option includes FDA approved Food Zone clear polycarbonate lens. Can be combined with prismatic inner lens (specify type in Lens Type field).

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

ELECTRICAL: LE: Quantity and type as specified – see Ordering Information. All ballasts UL listed class P. Wireway hole provided with hub/ring assembly. See Ordering Information for alternate or multiple ballasts, sealed wireway and optional equipment. Lamps by others.

INSTALLATION: Adjustable swing-out mounting brackets standard. See options for continuous row mounting and plaster frames.

PATENT: U.S. Patent No. 5,902,035.

PHOTOMETRICS: -40°C and 40°C ambient temperature rated unless otherwise noted. (See photometric data for light output reductions at higher ambient temperatures). 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.

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: Luminaire is certified to UL Standards by either Underwriters Laboratory or Intertek Testing Laboratory for Wet Locations. Certified IP65 per IEC 60598. NSF2 Splash/Non-Food Zone. CCEA Approved. Optional NSF Protocol P442 certified. FED-STD-209E/Class 100 (ISO 5) Cleanrooms. Optional NSF2 Food Zone/Non-Contact.

PROJECT INFORMATION	
Job Name	_____
Fixture Type	_____
Catalog Number	_____
Approved by	_____



ORDERING INFORMATION (Ex: CSEFO22-4-17-IS-DV-5F-2H-U-T)

Model	Lamp Qty/Type	Ballast/Driver Type	Ballast Qty	Voltage	Doorframe	Housing	Lens Type	Options	
Model		2'×4'			Doorframe Options			Options	
CSEFO14	1'×4'	2-32	Two F32T8		5F	20-Ga Type 304 SS (STD)		EL*	Standard Lumen EL Pack
CSEFO22	2'×2'	3-32	Three F32T8		2F	20-Ga CRS		PEL*	High Lumen EL Pack
CSEFO24	2'×4'	4-32	Four F32T8		XF	20-Ga Type 316 SS		SEL*	Specified EL Pack
		6-32	Six F32T8		PAF	.063" Painted Fabricated Aluminum		DLN	LED Night Light w/Light Level Control
Lamp Quantity/Type		2-44	Two F48T8HO					FN**	Food Zone/Non-Contact
1'×4'		3-44	Three F48T8HO		Housing Options			TS	Stainless Steel Doorframe Thumb Screws
1-32	One F32T8	4-44	Four F48T8HO		2H	20-Ga CRS (STD)		FS	Fuse & Holder
2-32	Two F32T8	2-54	Two F54T5HO		5H*	20-Ga Type 304 SS		HJ	Sealed Wireway
3-32	Three F32T8	3-54	Three F54T5HO		XH*	20-Ga Type 316 SS		PA	Plenum Access [2×2, 2×4 only]
1-44	One F48T8HO	4-54	Four F54T5HO		PAH	.050" Painted Aluminum		PF	Plaster Frame
2-44	Two F48T8HO				Lens Type			RF	Radio Frequency Filter
1-54	One F54T5HO	Ballast/Driver Type			Acrylic			RM	Continuous Row Mounting
2-54	Two F54T5HO	IS	Instant Start Electronic <10% THD (T8,T8HO)		T	.125" Clear		TN	5/7/9 Watt Night Light (FL)
		RS	Rapid Start Electronic <10% THD (T8,T8HO,T5HO)		U	.125" #12 Prismatic High Impact Acrylic (STD)		UV	UV Filtering Lens (Specify)
2'×2'		SB	Specified Ballast		Polycarbonate			P442‡	Optional NSF Protocol P442 Certified
2-17	Two F17T8	Ballast Quantity*			2	.125" #12 Prismatic			
3-17	Three F17T8	1	One		G	.125" Clear			
4-17	Four F17T8	2	Two		Tempered Glass				
6-17	Six F17T8	Voltage			TG	.250" Textured Tempered Glass			
2-24	Two F24T5HO (120-277V only)	120	120 Volts		Specified Lens				
3-24	Three F24T5HO (120-277V only)	277	277 Volts		SL	Specified Lens			
4-24	Four F24T5HO (120-277V only)	DV	120-277 Volts						
		347	347 Volts						

* n/a with six F54T5HO lamps.
 ** Only available in combination with a prismatic inner lens (specified in Lens Type). For nonprismatic, only the FDA approved Food Zone clear polycarbonate lens will be provided (leave Lens Type blank). Not available with TG lens type.
 ‡ P442 only available on CSEFO24



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

A brand of **legrand**

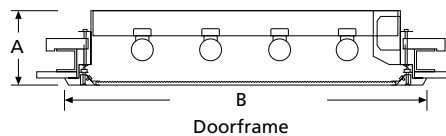
This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

SIMPLESEAL™
CSEFO SERIES – FLANGE MOUNT – OVERLAPPING DOOR

DIMENSIONAL DATA

DIMENSIONAL DATA (IN INCHES & CENTIMETERS)				
	A	B	C	D
1x4	4.75	13.60 x 49.72	12.10	48.22
30.48cm x 121.92cm	12.07	34.54 x 126.29	30.73	122.48
2x2	4.75	23.94 x 25.72	21.86	24.22
60.96cm x 60.96cm	12.07	60.81 x 65.33	55.52	61.52
2x4	4.75	23.94 x 49.72	21.86	48.22
60.96cm x 121.92cm	12.07	60.81 x 126.29	55.52	122.48

CROSS SECTION



CEILING CUTOUT



GASKET PROFILE

