

SIMPLESEAL™

CESL SERIES – SURFACE MOUNT

PRODUCT FEATURES:

- » Ceiling surface mount – 1'×4', 2'×2', 2'×4'
- » One-piece closed cell extruded nitrile gasket seals doorframe to housing
- » Extruded aluminum, one-piece doorframe with 60° beveled edge for cleanability
- » One-piece, hole-free seam welded housing



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: 20-gauge CRS. Hole-free one-piece seam welded construction. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

DOORFRAME: Die Formed .063" thick aluminum with welded corners. White TGIC Polyester powder coat finish with 5 stage pre-treatment. Salt spray test: 1,000 hours. Continuous angle lens retention system. Mechanical guide for Doorframe fastener alignment. Doorframe secured to housing with stainless steel aircraft cables and (8) for 2×2, (10) for 1×4, (12) for 2×4 captive flush mounted Phillips head stainless steel fasteners.

LENS: .125" impact-resistant diffused 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).

DOORFRAME GASKET: One-piece closed cell extruded nitrile gasket seals Doorframe to housing.

ELECTRICAL: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI; maximum 3-step MacAdam variation allowance. 120-277VAC and 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); 330µA maximum source current. Consult factory for fluorescent options.

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

INSTALLATION: Four .312" holes for surface mounting. See Options for pendant mounting holes.

WARRANTY: Limited five (5) year warranty.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratories for Wet Location. UL Classified IP65 per IEC 60598. NSF2 Splash/Non-Food Zone. FED-STD-209E/Class 1 (ISO 3) Cleanrooms.



ORDERING INFORMATION (Ex: CSESL14-67L-35K8-DIM1-120-AF-2H-SYM)

Model	Lamp Power	Lamp Color	Driver Type	Voltage	Doorframe Option	Housing	Lens Type	Options
			DIM1		PAF			
Model	Lamp Color		Housing Options†		Options			
CSESL14 1'×4'	30K8 3000K / 82 CRI min.		2H 20-Ga CRS (STD)		LEL* LED Emergency Battery Backup			
CSESL22 2'×2'	35K8 3500K / 82 CRI min.		5H 20-Ga Type 304 SS		FN* Food Zone/Non-Contact			
CSESL24 2'×4'	40K8 4000K / 82 CRI min.		XH 20-Ga Type 316 SS		FS Fuse & Holder			
	50K8 5000K / 82 CRI min.		PAH .050" Painted Aluminum		PM Pendant Mounting Holes			
Lamp Power	Driver Type		Lens Type		RF Radio Frequency Filter (Voltage specific selection required; N/A with 347V)			
1'×4'	DIM1 0-10V Dimming to 1%		Acrylic		TH 1/2" Trade Size Threaded Hub			
45L 45 Watt LED			SYM Symmetric, Diffused DR Acrylic		TWA Top Wiring Access Hole			
67L 67 Watt LED								
2'×2'	Voltage		Specified Lens					
45LD 45 Watt Dual-Row LED	120 120 Volts		SL Specified Lens					
67L 67 Watt LED	277 277 Volts							
2'×4'	347 347 Volts							
45LD 45 Watt Dual-Row LED	DV 120-277 Volts							
67L 67 Watt LED	Doorframe Options†							
90L 90 Watt LED	PAF .063" Painted Fabricated Aluminum							

† Matching finishes and materials are recommended
 * Lensing consists of FDA approved Food Zone clear polycarbonate outer lens and diffused acrylic inner lens
 ▲ Voltage-specific selection required; n/a with 347V 0°C/32°F min. operating environment.



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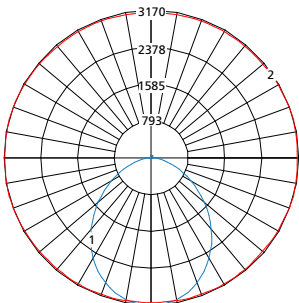
CESL SERIES – Technical Data

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)	
		@ 25°C	Efficacy (lm/W)				
CESL14	45L-30K8	4,906	100	49	100	80,000	
	45L-35K8	5,140	105				
	45L-40K8	5,230	107				
	45L-50K8	5,439	111				
	67L-30K8	7,514	104	72	75	80,000	
	67L-35K8	7,874	109				
	67L-40K8	8,011	111				
	67L-50K8	8,332	116				
CESL22	45LD-30K8	5,212	106	46	50	80,000	
	45LD-35K8	5,461	111				
	45LD-40K8	5,556	113				
	45LD-50K8	5,779	118				
	67L-30K8	7,983	111	72	75	80,000	
	67L-35K8	8,365	116				
	67L-40K8	8,511	118				
	67L-50K8	8,852	123				
CESL24	45LD-30K8	6,293	137	46	50	100,000	
	45LD-35K8	6,593	143				
	45LD-40K8	6,709	146				
	45LD-50K8	6,977	152				
	67L-30K8	8,752	122	72	75	80,000	
	67L-35K8	9,171	127				
	67L-40K8	9,331	130				
		67L-50K8	9,704	135			
		90L-30K8	11,247	116	97	100	60,000
		90L-35K8	11,784	121			
		90L-40K8	11,990	124			
	90L-50K8	12,470	129				

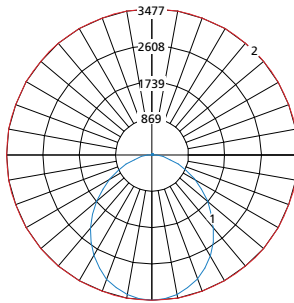
Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.

Model: CSESL14-67L-40K8-DIM1-DV-PAF-2H-SYM



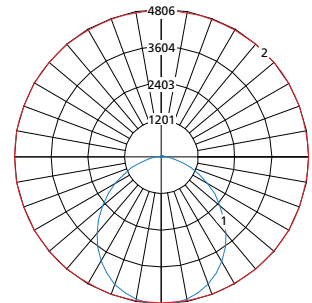
Maximum Candela = 3170 Located At Horizontal Angle = 15, Vertical Angle = 2.5
 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

Model: CSESL22-67L-40K8-DIM1-DV-PAF-2H-SYM



Max Candela = 3477 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.)

Model: CSESL24-90L-40K8-DIM1-DV-PAF-2H-SYM



Max Candela = 4806 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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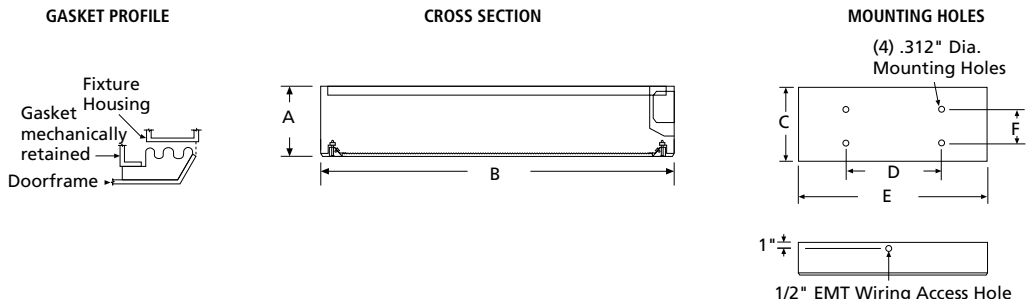
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CESL SERIES – Technical Data

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)						
	A	B	C	D	E	F
1x4	4.72	11.44x47.44	11.63	36.00	48.00	7.25
2x2	4.72	23.44x23.44	23.63	12.00	24.00	19.25
2x4	4.72	23.44x47.44	23.63	36.00	48.00	19.25



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