

SIMPLESEAL™

CSESI SERIES – SURFACE MOUNT – INSET DOOR

PRODUCT FEATURES:

- » Surface ceiling mount – 1'x4', 2'x2', 2'x4'
- » One-piece inset door
- » Closed cell extruded silicone gasket seals doorframe to housing



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: 18-gauge CRS. Hole-free one-piece seam welded construction. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

DOORFRAME: 18-gauge CRS. One-piece inset construction welded corners. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Doorframe secured to housing with aircraft cables and (8) for 1x4, 2x2, (10) for 2x4 captive mounted Phillips head stainless steel fasteners.

OPTICS: Symmetric optic includes diffused, impact-resistant acrylic lens.

DOORFRAME GASKET: Closed cell extruded silicone gasket seals doorframe to housing.

ELECTRICAL: Available 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; 600µA maximum source current per circuit). Optional 0-10V dimming with 0.1-100% range and dim-to-dark capabilities via eldoLED SOLOdrive series driver (n/a 347V input; ≤0.5V required from dimming control for dim-to-dark operation; 800µA max. source current). Consult factory for fluorescent options.

WIRING ACCESS: Standard wiring access hole on end of luminaire. See TWA Option for Top Access Wiring hole.

INSTALLATION: Four .312" (.79cm) holes for surface mounting. Standard with side feed hole, see options for Top Wiring Access (TWA).

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. FED-STD-209E/Class 1 (ISO 3) Cleanrooms. NSF2 Splash/ Non-Food Zone.



ORDERING INFORMATION (Ex: CSESI14-67L-40K8-DIM1-120-2F-2H-SYM-DLN)

Model	Lamp Qty/Type	Driver Type	Voltage	Doorframe Option	Housing	Optics	Options	
						SYM		
Model		Lamp Color			Housing Options†		Options	
CSESI14	1'x4'	35K8	3500K / 82 CRI min.		2H	18-Ga CRS (STD)	LEL	8.4W Emergency Battery Pack
CSESI22	2'x2'	40K8	4000K / 82 CRI min.		5H	18-Ga Type 304 SS Brushed	DLN	LED Night Light w/Light Level Control (100%-20%, voltage-specific selection required, n/a with 347V)
CSESI24	2'x4'	50K8	5000K / 82 CRI min.		PAH	.050" Painted Aluminum	AMF▼	Antimicrobial Finish
Lamp Power		Driver Type			Optics		HJ	Sealed Wireway
1'x4'		DIM1	0-10V Dimming to 1%		SYM	Symmetric, Diffused DR Acrylic (STD)	MS	Motion Sensor (n/a with 347V)
45L	45 Watt LED	DIM01	0-10V Dimming to 0.1% (n/a with 347V)				PM▲	Pendant Mounting Holes
67L	67 Watt LED	Voltage					TH	1/2" Trade Size Threaded Hub
90L	90 Watt LED	DV	120-277VAC, 50/60Hz				TWA	Top Access Wiring Hole
2'x2'		120	120VAC					
45LD	45 Watt Dual-Row LED	277	277VAC					
67L	67 Watt LED	347*	347VAC					
90L	90 Watt LED	Doorframe Options†						
2'x4'		2F	18-Ga CRS Painted (STD)					
45LD	45 Watt Dual-Row LED	PAF	.063" Painted Fabricated Aluminum					
67L	67 Watt LED	5F	20-Ga Type 304 SS Brushed					
90L	90 Watt LED							
135L	135 Watt LED							
180L	180 Watt LED							

- * LEL n/a with 347V option
- ▲ n/a in 1x4
- † Matching finishes and materials are recommended
- ▼ Applied only to exposed painted surfaces of luminaire (not available on stainless steel doorframes or housings)



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PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
Model	Lamp Type	@ 25°C	Efficacy (lm/W)			
CSESI14	45L-35K8	5,491	112	49	100	80,000
	45L-40K8	5,587	114	49	100	80,000
	45L-50K8	5,811	119	49	100	80,000
	67L-35K8	8,412	117	72	75	80,000
	67L-40K8	8,559	119	72	75	80,000
	67L-50K8	8,901	124	72	75	80,000
	90L-35K8	10,732	110	98	100	60,000
	90L-40K8	10,920	111	98	100	60,000
CSESI22	45LD-35K8	5,311	108	49	100	80,000
	45LD-40K8	5,404	110	49	100	80,000
	45LD-50K8	5,620	115	49	100	80,000
	67L-35K8	8,136	113	72	75	80,000
	67L-40K8	8,278	115	72	75	80,000
	67L-50K8	8,609	120	72	75	80,000
	90L-35K8	10,454	107	98	100	60,000
	90L-40K8	10,637	109	98	100	60,000
CSESI24	90L-50K8	11,062	113	98	100	60,000
	45LD-35K8	6,238	136	46	50	100,000
	45LD-40K8	6,347	138	46	50	100,000
	45LD-50K8	6,601	143	46	50	100,000
	67L-35K8	8,677	121	72	75	80,000
	67L-40K8	8,828	123	72	75	80,000
	67L-50K8	9,181	128	72	75	80,000
	90L-35K8	11,149	114	98	100	60,000
	90L-40K8	11,344	116	98	100	60,000
	90L-50K8	11,798	120	98	100	60,000
	135L-35K8	15,805	108	147	100	60,000
	135L-40K8	16,081	109	147	100	60,000
	135L-50K8	16,724	114	147	100	60,000
	180L-35K8	21,550	110	196	100	60,000
180L-40K8	21,927	112	196	100	60,000	
180L-50K8	22,804	116	196	100	60,000	

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



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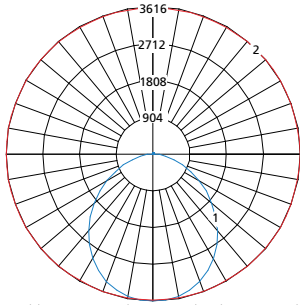
CSESI SERIES – SURFACE MOUNT – INSET DOOR

PERFORMANCE

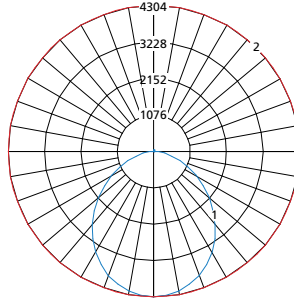
Model: CSESI-14-67L-40K8-DIM1-DV-2F-2H-SYM

Model: CSESI-22-90L-40K8-DIM1-DV-2F-2H-SYM

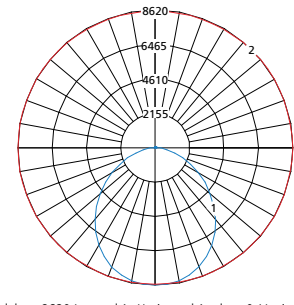
Model: CSESI-24-180L-40K8-DIM1-DV-2F-2H-SYM



Maximum Candela = 3616 Located At Horizontal Angle = 15, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

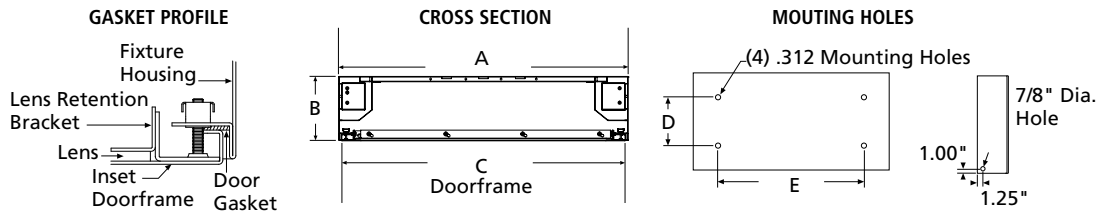


Max Candela = 4304 Located At Horizontal Angle = 0, Vertical Angle = 5
 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



Max Candela = 8620 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.)

DIMENSIONAL DATA



Side wiring access shown
 See options for Top wiring access (TWA)

DIMENSIONAL DATA (IN INCHES & CENTIMETERS)					
	A	B	C	D	E
1x4	10.60x48.13	5.00	10.20x47.70	6.00	28.00
30.48cmx121.92cm	26.92x122.25	12.70	25.91x121.16	15.24	71.12
2x2	22.60x24.13	5.00	22.20x23.70	17.00	13.00
60.96cmx60.96cm	57.40x61.29	12.70	56.39x60.20	43.18	33.02
2x4	22.60x48.13	5.00	22.20x47.70	17.00	36.00
60.96cmx121.92cm	57.40x122.25	12.70	56.39x121.16	43.18	91.44



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