

# SIMPLESEAL™

## CSECO14 SERIES

### PRODUCT FEATURES:

- » 8" x 50" corner-mount luminaire
- » High-output, high-CRI LED lamp sources for accurate color rendition and lighting performance
- » One-piece overlapping doorframe with closed-cell silicone gasket provides air-tight integrity to luminaire
- » Optional NSF Food-Zone/Non-Contact rating is ideal for food processing applications



### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

### SPECIFICATIONS

**HOUSING:** 20-gauge Type 304 stainless steel with 4B Brushed finish (post-fabrication). Hole-free, one-piece, seam-welded construction.

**DOORFRAME:** 20-gauge Type 304 stainless steel with 4B Brushed finish (post-fabrication). One-piece construction with 60° corner level. Continuous lens retention system. Doorframe secured to housing with stainless steel aircraft cables and ten (10) captive, flush-head Philips stainless steel fasteners. Closed-cell extruded silicone gasket seals doorframe to housing.

**OPTICS:** 0.125" diffused, impact-resistant acrylic lens with smooth exterior.

**ELECTRICAL:** Available 3000K, 3500K, 4000K and 5000K color temperatures with maximum 3-step MacAdam variation allowance. See Ordering Information for CRI options. 120-277VAC and 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (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. Optional embedded microwave-based motion sensor (MS) has factory default settings of 20 minute time-out, dims down to 30%.

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

**INSTALLATION:** Four (4) 0.312" holes provided for surface, corner mounting. Hardware by others.

**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. Optional NSF2 Food Zone/Non-Contact. Suitable for FED-STD-209E/Class 100 (ISO 50) Cleanrooms. Suitable for installation into -30°C to 40°C ambient environments, unless otherwise noted. Build America, Buy America Act compliant.



### ORDERING INFORMATION (Ex: CSECO14-90L-40K8-DIM1-DV-5F-5H)

Model	Lamp Power	Lamp Color	Driver Type	Voltage	Doorframe Material	Housing Material	Options
<b>CSECO14</b>	<b>Lamp Power</b> <b>45L</b> 45 Watt LED <b>67L</b> 67 Watt LED <b>90L</b> 90 Watt LED	<b>Lamp Color</b> <b>30K8</b> 3000K / 82 CRI min. <b>30K9</b> 3000K / 90 CRI min. <b>35K8</b> 3500K / 82 CRI min. <b>35K9</b> 3500K / 90 CRI min. <b>40K8</b> 4000K / 82 CRI min. <b>40K9</b> 4000K / 90 CRI min. <b>50K8</b> 5000K / 82 CRI min. <b>50K9</b> 5000K / 90 CRI min.	<b>Driver Type</b> <b>DIM1</b> 0-10V Dimming to 1%  <b>Voltage</b> <b>DV</b> 120-277VAC, 50/60Hz <b>347</b> 347VAC  <b>Doorframe Options</b> <b>5F</b> 20-Ga Type 304 SS with 4B Brushed Finish (STD) <b>2F</b> 20-Ga CRS in Gloss White <b>XF</b> 20-Ga Type 316 SS with 4B Brushed Finish <b>PAF</b> .063" Fabricated Aluminum in Gloss White	<b>Housing Options</b> <b>5H</b> 20-Ga Type 304 SS with 4B Brushed Finish (STD) <b>2H</b> 20-Ga CRS in Gloss White <b>XH</b> 20-Ga Type 316 SS with 4B Brushed Finish <b>PAH</b> .050" Aluminum in Gloss White  <b>Options</b> <b>LEL</b> 8.4W Integral Emergency Battery Backup (45L max., n/a with 347V, 0°C/32°F min. ambient) <b>FS</b> Fuse & Holder <b>MS</b> Embedded Motion Sensor <b>2C</b> Two-circuit wiring (n/a 45L)			



www.kenall.com | P: 800-4-Kenall | F: 262-891-9700 | 10200 55th Street Kenosha, Wisconsin 53144, USA

This product is able to comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Act (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at [www.kenall.com/patents](http://www.kenall.com/patents). Content of specification sheets is subject to change; please consult [www.kenall.com](http://www.kenall.com) for current product details. ©2025 Kenall Mfg. Co.

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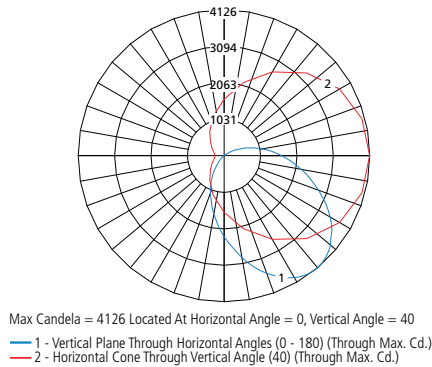
## CSECO14 SERIES

### PERFORMANCE

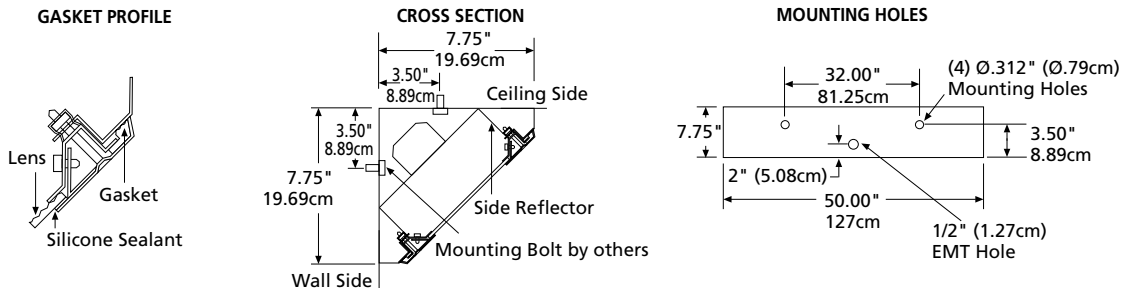
Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L-30K8	4,827	104	46	100	80,000
45L-30K9	4,108	89			
45L-35K8	4,976	107			
45L-35K9	4,273	92			
45L-40K8	5,146	111			
45L-40K9	4,379	94			
45L-50K8	5,352	115			
67L-30K8	6,749	90	75	75	80,000
67L-30K9	5,744	77			
67L-35K8	6,958	93			
67L-35K9	5,975	80			
67L-40K8	7,195	96			
67L-40K9	6,123	82			
67L-50K8	7,483	100			
90L-30K8	8,754	89	98	100	80,000
90L-30K9	7,450	76			
90L-35K8	9,024	92			
90L-35K9	7,750	79			
90L-40K8	9,332	95			
90L-40K9	7,942	81			
90L-50K8	9,706	99			

Information subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information

Model:CSECO14-90L-40K8-DIM1-xxx-yyy-zzz



### DIMENSIONAL DATA



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