SIMPLESEAL™
CSEC014 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

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 bevel. 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.

ORDERING INFORMATION (Ex: CSEC014-90L-40K8-DIM1-DV-5F-5H)

Model	Lamp Power	Lamp Color	Driver Type	Voltage	Doorframe Material	Housing Material	Options
CSEC014	_____	_____	_____	_____	_____	_____	_____

Lamp Power
45L	45 Watt LED
67L	67 Watt LED
90L	90 Watt LED

Lamp Color
30K8	3000K / 82 CRI min.
30K9	3000K / 90 CRI min.
35K8	3500K / 82 CRI min.
35K9	3500K / 90 CRI min.
40K8	4000K / 82 CRI min.
40K9	4000K / 90 CRI min.
50K8	5000K / 82 CRI min.
50K9	5000K / 90 CRI min.

Driver Type
DIM1	0-10V Dimming to 1%

Voltage
DV	120-277VAC, 50/60Hz
347	347VAC

Doorframe Options
5F	20-Ga Type 304 SS with 4B Brushed Finish (STD)
2F	20-Ga CRS in Gloss White
XF	20-Ga Type 316 SS with 4B Brushed Finish
PAF	.063" Fabricated Aluminum in Gloss White

Housing Options
5H	20-Ga Type 304 SS with 4B Brushed Finish (STD)
2H	20-Ga CRS in Gloss White
XH	20-Ga Type 316 SS with 4B Brushed Finish
PAH	.050" Aluminum in Gloss White

Options
LEL	8.4W Integral Emergency Battery Backup (45L max.,n/a with 347V, 0°C/32°F min. ambient)
FS	Fuse & Holder
MS	Embedded Motion Sensor
2C	Two-circuit wiring (n/a 45L)

SIMPLESEAL™
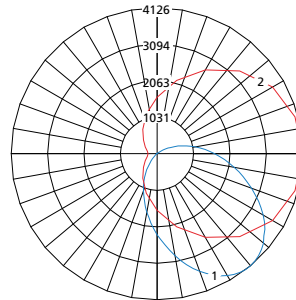## CSECO14 SERIES

PERFORMANCE

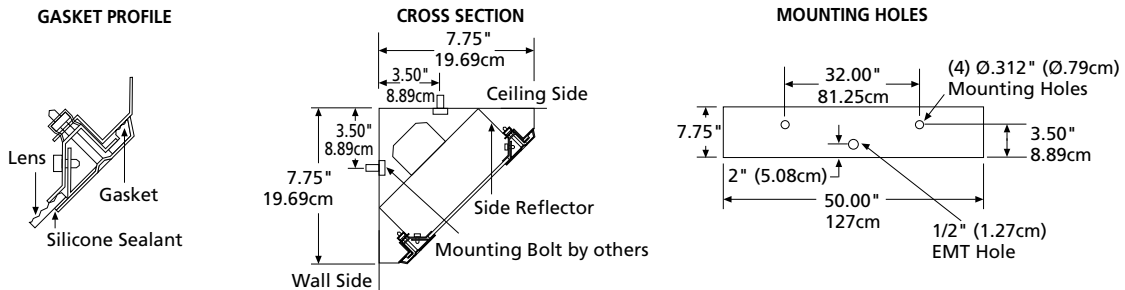| Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L-30K8	4,827	104	46	100	80,000
45L-30K9	4,108	89			
45L-35K8	4,976	107			
45L-35K9	4,273	92			
45L-40K8	5,146	111			
45L-40K9	4,379	94			
45L-50K8	5,352	115			
67L-30K8	6,749	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 for IES files and additional information

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

Max Candela = 4126 Located At Horizontal Angle = 0, Vertical Angle = 40
— 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
— 2 - Horizontal Cone Through Vertical Angle (40) (Through Max. Cd.)

DIMENSIONAL DATA

GASKET PROFILE

Lens
Gasket
Silicone Sealant

CROSS SECTION

7.75"
19.69cm
3.50"
8.89cm
Ceiling Side
3.50"
8.89cm
7.75"
19.69cm
Side Reflector
Mounting Bolt by others
Wall Side

MOUNTING HOLES

32.00"
81.25cm
(4) Ø.312" (Ø.79cm) Mounting Holes
7.75"
3.50"
8.89cm
2" (5.08cm)
50.00"
127cm
1/2" (1.27cm) EMT Hole