

Date:

Approved:

Type:

Fixture:

Project:

FCSL1000 Series

FCSL1000 Series ADA certified, direct AC, die-cast step light for installation in standard, single-gang j-box for interior or exterior applications. ELV dimming included.

120V ONLY



FCSL1011



FCSL1012



FCSL1013



FCSL1014



FCSL1015



SPECIFICATIONS

PHYSICAL

dimensions	Fixture 3.1" W x 4.9" H x depth from surface: FCSL1011 - .9" D, FCSL1012 or FCSL1013 - .6" D, FCSL1014 or FCSL1015 - .3" D
weight	0.4 lbs
housing	Marine grade, corrosion resistant, heavy walled, die-cast aluminum
lens	White glass lens
mounting	Mounts directly to single-gang J-Box with minimum inside dimension, 4"H X 2"W X 1.75"D, Mount Vertical (std) or in Horizontal Position (HP)
ingress protection	IP65 : dry, damp or wet locations with neoprene gasket
faceplate finish	Available in Black, Bronze, Graphite Grey, Silver, White and Custom Colors. Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5,000 hour salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	2700K, 3000K, 3500K, 4000K
lumen output	models: FCSL1011 - 35 lm, FCSL1012 - 10 lm, FCSL1013 - 15 lm, FCSL1014 - 50 lm, FCSL1015 - 76 lm
lumen maintenance	L70 >70,000 hours
color consistency	3 SDCM / 85 CRI
operating temperature	-13°F to 104°F (-25°C to 40°C)
warranty	5-Year limited warranty

ELECTRICAL

input voltage	120 VAC only
power supply	Integral Class II, electronic high-power factor > 94% @ 120V
standards	ETL / cETL
power consumption	3W (10~76 lm)
dimming	ELV dimming, 10% minimum (included)

FCSL1000 Series

Ordering Information



FCSL1011 FCSL1012 FCSL1013 FCSL1014 FCSL1015

PART NUMBER

ELV DIMMING INCLUDED

	120V		CRI85			
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCSL1011	120V 120 VAC only	27K 2700K White	CRI85 85 CRI	03L 35 lm FCSL1011 (3W)	BKE Black	CL Clear Lens
FCSL1012		3K 3000K White		01L 10 lm FCSL1012 (3W)	BRE Bronze	BL Blue Lens
FCSL1013		35K 3500K White		02L 15 lm FCSL1013 (3W)	GRE Graphite Grey	AL Amber Lens
FCSL1014		4K 4000K White		05L 50 lm FCSL1014 (3W)	SLE Silver	AM Anti-Microbial Paint
FCSL1015				09L 76 lm FCSL1015 (3W)	WHE White	HP Horizontal Position
					CCE Custom Color	

JUNCTION BOX OPTIONS Indicate quantities on lines below.

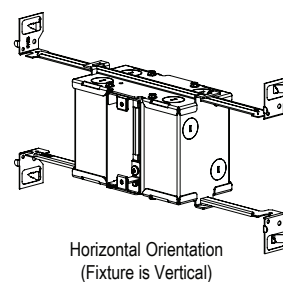
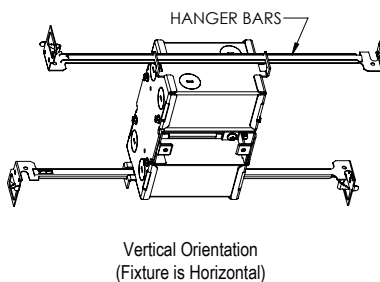
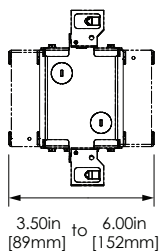
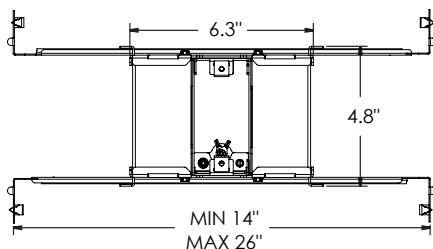
_____ **JBTW** Junction Box Thru-Wall - Double-sided, adjustable junction box and hanger bars. Functions in both vertical and horizontal orientations. Requires compatible conduit adapters below*

_____ **JBC-3/8** 3/8 Conduit Adapter - Sized for 3/8 trade size conduits and 0.44-0.61 OD Armored Cable (AC, MC), 3/8 knockout

_____ **JBC-1/2** 1/2 Conduit Adapter - Sized for 1/2 trade size conduits and 0.71-0.91 OD Armored Cable (AC, MC), 1/2 knockout

*Conduit adapters sold separately. Please order JBC-3/8 or JBC-1/2 based on your conduit size needs. 2 pcs required for thru-wiring, 1 pc required for end of run.

JUNCTION BOX THRU-WALL (JBTW) DIMENSIONS - WORKS IN BOTH VERTICAL & HORIZONTAL ORIENTATIONS



Consult Factory for other options and configurations.

To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical requirements.

Dimensions

FCSL1000 Series



FCSL1011



FCSL1012



FCSL1013



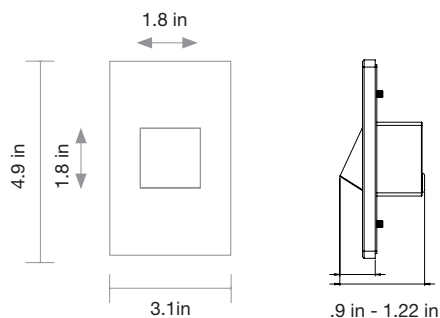
FCSL1014



FCSL1015

PRODUCT DIMENSIONS - FCSL1011 (hood)

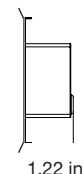
width x height	3.1" W x 4.9" H
surface depth FCSL1011	.9" D



MOUNTING - ALL MODELS *j-box sold by others*

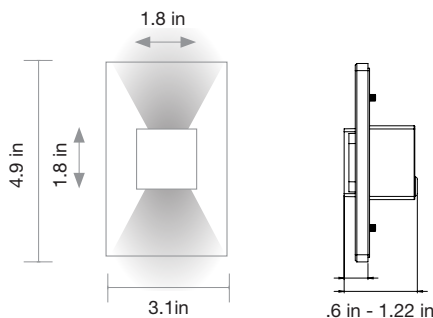
width x height	1.8" W x 1.8" H
back box depth	.122" D

back box mounts inside surface: faceplate attaches to mounting cleat flush to surface - see installation instructions for proper mounting directions



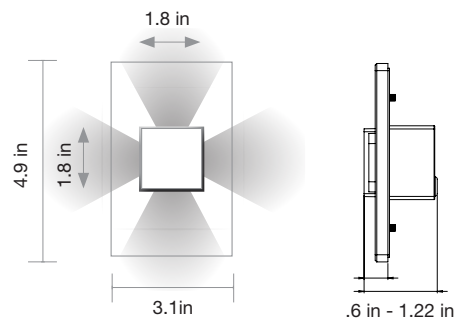
PRODUCT DIMENSIONS - FCSL1012 (2 window indirect)

width x height	3.1" W x 4.9" H
surface depth FCSL1012	.6" D



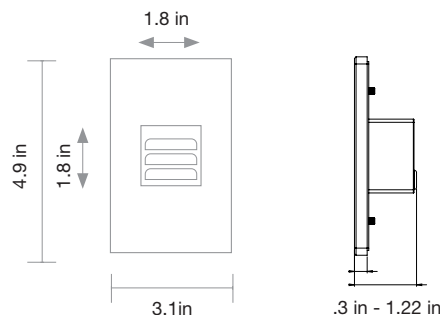
PRODUCT DIMENSIONS - FCSL1013 (4 window indirect)

width x height	3.1" W x 4.9" H
surface depth FCSL1013	.6" D



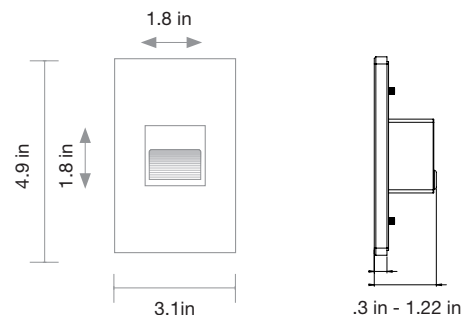
PRODUCT DIMENSIONS - FCSL1014 (louvered)

width x height	3.1" W x 4.9" H
surface depth FCSL1014	.3" D



PRODUCT DIMENSIONS - FCSL1015 (recessed cut-off)

width x height	3.1" W x 4.9" H
surface depth FCSL1015	.3" D

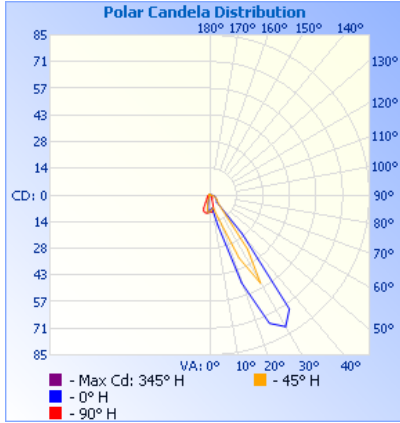


Photometry

FCSL1000 Series



FC SL1011 LED 4000K 35 lumens

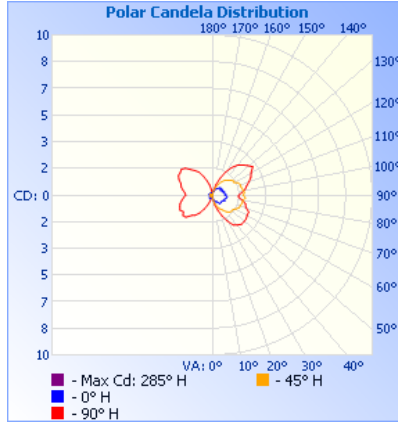


Illuminance at a Distance

Center Beam fc	Beam Width
1.7ft 3.00 fc	0.6 ft 1.4 ft
3.3ft 0.80 fc	1.1 ft 2.6 ft
5.0ft 0.35 fc	1.7 ft 4.0 ft
6.7ft 0.19 fc	2.3 ft 5.4 ft
8.3ft 0.13 fc	2.9 ft 6.7 ft
10.0ft 0.09 fc	3.4 ft 8.0 ft

■ Vert. Spread: 19.5°
■ Horiz. Spread: 43.7°

FC SL1012 LED 4000K 10 lumens

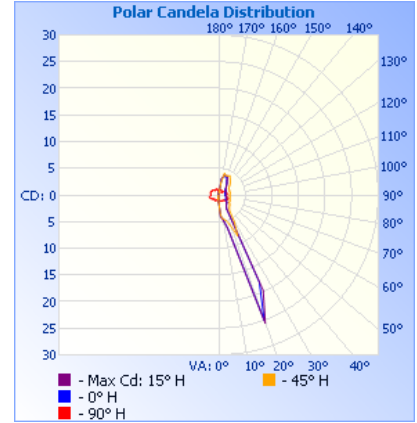


Illuminance at a Distance

Center Beam fc	Beam Width
1.7ft 0.01 fc	23.0 ft 1.2 ft
3.3ft 0.00 fc	44.6 ft 2.4 ft
5.0ft 0.00 fc	67.6 ft 3.6 ft
6.7ft 0.00 fc	90.6 ft 4.8 ft
8.3ft 0.00 fc	112.2 ft 5.9 ft
10.0ft 0.00 fc	135.2 ft 7.2 ft

■ Vert. Spread: 163.2°
■ Horiz. Spread: 39.4°

FC SL1013 LED 4000K 15 lumens

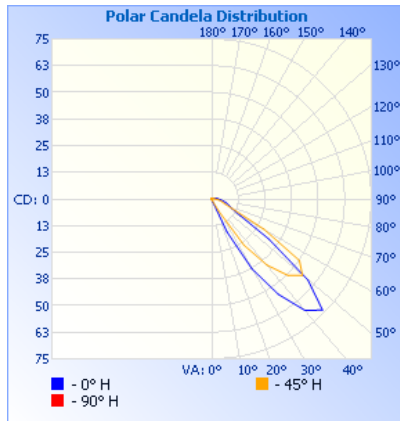


Illuminance at a Distance

Center Beam fc	Beam Width
1.7ft 0.47 fc	0.3 ft 0.6 ft
3.3ft 0.12 fc	0.6 ft 1.1 ft
5.0ft 0.05 fc	0.9 ft 1.7 ft
6.7ft 0.03 fc	1.2 ft 2.2 ft
8.3ft 0.02 fc	1.5 ft 2.8 ft
10.0ft 0.01 fc	1.8 ft 3.3 ft

■ Vert. Spread: 10.5°
■ Horiz. Spread: 18.9°

FC SL1014 LED 4000K 50 lumens

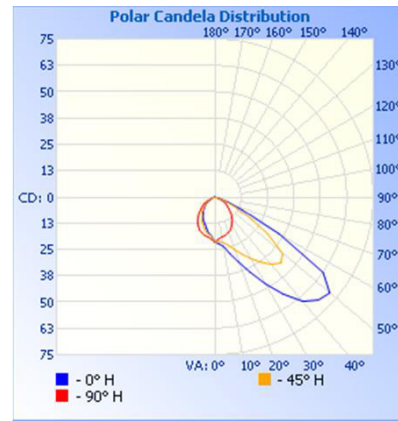


Illuminance at a Distance

Center Beam fc	Beam Width
1.7ft 0.01 fc	0.7 ft 2.4 ft
3.3ft 0.00 fc	1.4 ft 4.6 ft
5.0ft 0.00 fc	2.2 ft 7.0 ft
6.7ft 0.00 fc	2.9 ft 9.4 ft
8.3ft 0.00 fc	3.6 ft 11.7 ft
10.0ft 0.00 fc	4.3 ft 14.0 ft

■ Vert. Spread: 24.5°
■ Horiz. Spread: 70.2°

FC SL1015 LED 4000K 76 lumens



Illuminance at a Distance

Center Beam fc	Beam Width
1.7ft 7.44 fc	1.2 ft 1.8 ft
3.3ft 1.97 fc	2.3 ft 3.6 ft
5.0ft 0.86 fc	3.4 ft 5.4 ft
6.7ft 0.48 fc	4.6 ft 7.3 ft
8.3ft 0.31 fc	5.7 ft 9.0 ft
10.0ft 0.22 fc	6.9 ft 10.8 ft

■ Vert. Spread: 38.0°
■ Horiz. Spread: 56.9°