FC OUTDOOR LIGHTING

FCSL1016

120V ONLY

FCSL1016 Long lasting outdoor motion sensor LED step light with Photocell sensor auto on/off dusk to dawn and PIR motion sensor integrated in faceplate. The motion sensor detects movement up to 8 feet away. This low-profile step light mounts directly to a single-gang j-box. It has a forward throw light pattern with a wide distribution for greater safety and efficiency.

ETL CE NOM

SPECIFICATIONS

PHYSICAL

dimensions	2.75" W x 3" H x 1.5" Deep
weight	0.5 lbs
housing	Marine grade, corrosion resistant, heavy walled, die-cast aluminum
lens	White impact resistant lens
mounting	Mounts directly to single-gang J-Box with minimum inside dimension, 4"H X 2"W X 1.75"D. Works in both Horizontal Orientation.
ingress protection	IP65 : dry, damp or wet locations (see installation instructions)
faceplate finish	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 μm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	3000K *(*Minimum order volume required for other CCT's, consult factory for details.)*
lumen output	80 lm
lifetime	> 70,000 hours / L70 or better
color consistency	3 SDCM / 90 CRI
operating temperature	-40°F to 104°F (-40°C to 40°C)
warranty	5-Year limited warranty (refer to website for details)

ELECTRICAL

input voltage	120V AC only
power supply	Integral Direct 120VAC Supply, 3 Watts, 0.03 Amps
standards	ETL / cETL
power consumption	2.2W (80 lm)
dimming	Not Dimmable
PE and PIR sensors	**Standard**: Light automatically turns on when surrounding lights are turned off or at dusk. The light remains on only for 1 minute, after 1 minute the motion sensor overrides the light switching on/off until dawn or if surrounding lights are turned back on. Instant on/off, dusk to dawn (1.8fc sensitivity) *Consult factory for adjusted vacancy time, minimum order volume required.*

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US Commercial Lighting Manufacturer Since 1982

Specification Sheet

Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.

Ordering Information

PART NUMBER

Example: FCSL1016-120V-3K-CRI90-08L-WHI-PE+PIR

FCSL1016	120V	3K	CRI90	08L		PE+PIR
SERIES	**VOLTAGE**	**CCT**	**CRI**	**LUMENS**	**FINISH**	**INCLUDED**
FCSL1016	**120V** 120V only	**3K** 3000K *Minimum order qty. for other CCT's, consult factory.*	**CRI90** 90 CRI	**08L** 80 lm (2.2W)	**BKI** Black Interior (AAMA 2603) **BRI** Bronze Interior (AAMA 2603) **SLI** Silver Interior (AAMA 2603) **WHI** White Interior (AAMA 2603) **CCI** Custom Color Interior (AAMA 2603) **BKE** Black Exterior (AAMA 2604) **BRE** Bronze Exterior (AAMA 2604) **GRE** Graphite Grey Exterior (AAMA 2604) **SLE** Silver Exterior (AAMA 2604) **WHE** White Exterior (AAMA 2604) **CCE** Custom Color Exterior (AAMA 2604)	**PE+PIR** Photo Eye Sensor and Passive Infrared Motion Sensor (required)

JUNCTION BOX OPTIONS   Indicate quantities on lines below.

_____ **JBTW**   Junction Box Thru-Wall -   Double-sided, adjustable junction box. 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

6.3"

4.8"

MIN 14"
MAX 26"

3.50in [89mm] to 6.00in [152mm]

HANGER BARS

Vertical Orientation
(Fixture is Horizontal)

Horizontal Orientation
(Fixture is Vertical)
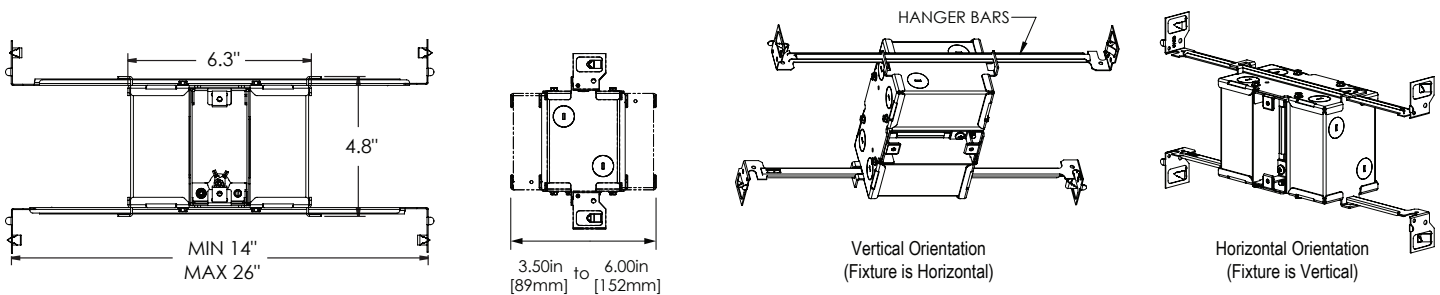
Consult Factory for other options and configurations.

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.
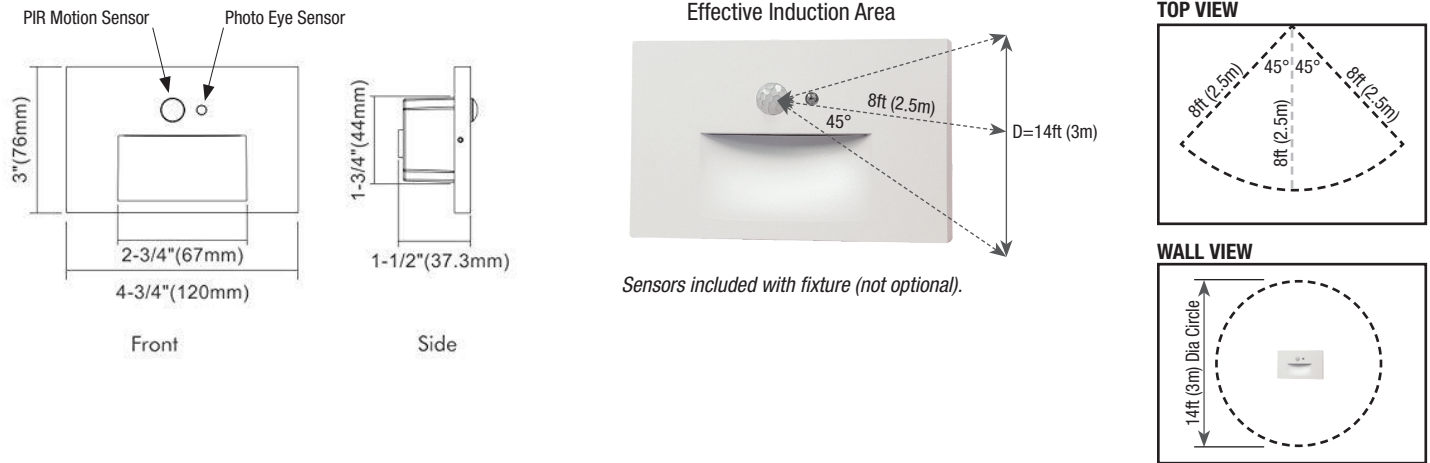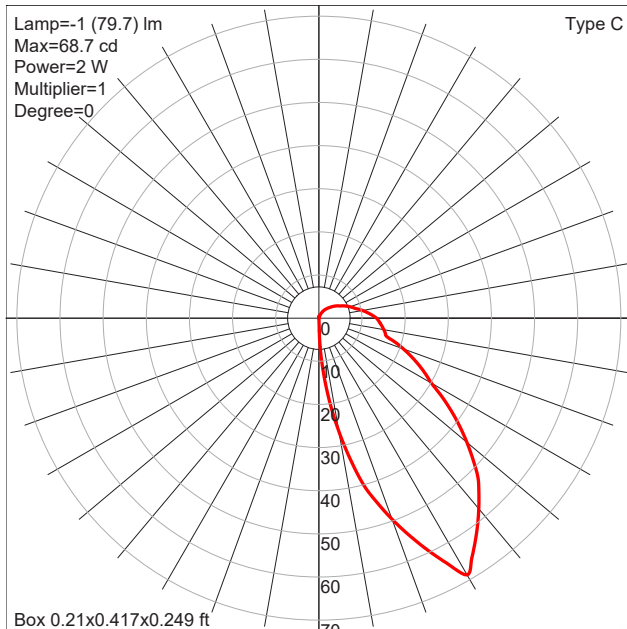
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Specification Sheet

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Dimensions & Photometry

PRODUCT DIMENSIONS

PIR Motion Sensor   Photo Eye Sensor

3"(76mm)
2-3/4"(67mm)
4-3/4"(120mm)

Front

1-3/4"(44mm)
1-1/2"(37.3mm)

Side

Effective Induction Area

8ft (2.5m)
45°
D=14ft (3m)

Sensors included with fixture (not optional).

TOP VIEW

8ft (2.5m)   45° 45°   8ft (2.5m)
8ft (2.5m)

WALL VIEW

14ft (3m) Dia Circle

PHOTOMETRY

FCSL1016   3000K   80 lumens

Lamp=-1 (79.7) lm
Max=68.7 cd
Power=2 W
Multiplier=1
Degree=0

Type C

0
10
20
30
40
50
60
70

Box 0.21x0.417x0.249 ft
Manufacturer: FC Lighting
Luminaire catalog: FCSL1016-120V-3K-CRI90-08L-WH-PE+PIR (F006166)

Specification Sheet