



Date:	Approved:
Type:	
Luminaire:	
Project:	

## FCSL510



**FCSL510** 12 inch wide IP65 rated exterior recessed cut-off large step light for masonry applications. Corrosion resistant, die-cast aluminum construction, this luminaire provides illumination for damp, dry or wet areas.



### SPECIFICATIONS

#### PHYSICAL

dimensions	11.75" W x 13.75" H x 4.75" D
weight	5 lbs
housing	Marine grade, corrosion resistant, heavy gauge aluminum faceplate
lens	Clear glass lens
mounting	Concrete pour, masonry applications
ingress protection	IP65: dry, damp or wet locations with extruded silicone gasket to seal out contaminants
faceplate finish	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm minimum thickness, 5,000 hour salt spray test (ASTM B117) compliant with Florida, AAMA 2604 specification.

#### PERFORMANCE

color temperature	2700K, 3000K, 3500K, 4000K
lumen output	1100 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 (refer to website for details)

#### ELECTRICAL

input voltage	Universal 120 – 277 VAC   optional: 347 VAC (integral)
power supply	Integral Class II, electronic high-power factor > 94% @ 120V
certifications	UL1598/CSA C22.2 No. 250.0, UL 875/CSA C22.2 No. 250.13, ETL, cETL Listed, IES LM-79/LM-80
power consumption	43W (1100 lm)
dimming	0-10V (10%)

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

FCSL510						CRI85		11L					
Series		Voltage		CCT		CRI		LUMENS		Finish		Options	
FCSL510	120V	120 VAC	27K	2700K	CRI85	85 CRI	11L	1100 lm (43W)	BKE	Black	LD	0-10V Dimming (Standard)	
	277V	277 VAC	3K	3000K					BRE	Bronze	DWR	Drywall Wings (Drywall Applications)	
	UNV	120 – 277 VAC	35K	3500K					GRE	Graphite Grey	WPC	White Polycarbonate Lens	
	347V	347 VAC	4K	4000K					SLE	Silver	LBB	Less Back Box (for shipment separate of Back Box)	
									WHE	White			
									CCE	Custom Color			

### BACK BOX KITS

**99006C-ETL** Back Box Kit - Complete Back Box shipped in advance of luminaire without mounting kit.

### REMOTE DRIVER & BATTERY BACK-UP

FCSL510R		UNV			CRI85		11L						
Series		Voltage		CCT		CRI		LUMENS		Finish		Options	
FCSL510R†	UNV	120 - 277 VAC	27K	2700K	CRI85	85 CRI	11L	1100 lm (43W)	BKE	Black	LD	0-10V Dimming (Standard)	
			3K	3000K					BRE	Bronze	DWR	Drywall Wings (Drywall Applications)	
			35K	3500K					GRE	Graphite Grey	WPC	White Polycarbonate Lens	
			4K	4000K					SLE	Silver	BBUR¹	Battery Backup Remote (Indoor)	
									WHE	White	BBUX²	Battery Backup Remote (Outdoor)	
								CCE	Custom Color	N/A	Leave Blank for Remote Driver Only (without Battery Backup)		

† LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C, 30' MAX Distance with 12AWG.

<sup>1</sup> LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C, 30' MAX Distance with 12AWG.

<sup>1</sup> Battery Back-up & LED Driver Remote (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

<sup>2</sup> Battery Back-up & LED Driver Remote (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

**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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 US Commercial Lighting Manufacturer Since 1982

**Specification Sheet**



# Dimensions

PRODUCT DIMENSIONS — STANDARD PRODUCT		MOUNTING — <i>j-box sold by others</i>	
width	11.75" W	back box width	10.75" W
height	13.75" H	back box height	12.75" H
depth	4.75" D	back box depth	4.75" D

FRONT VIEW

SIDE VIEW

BACK BOX

CONDUIT HOLE

back box mounts inside brick masonry: faceplate in front of surface — see installation instructions for proper mounting.

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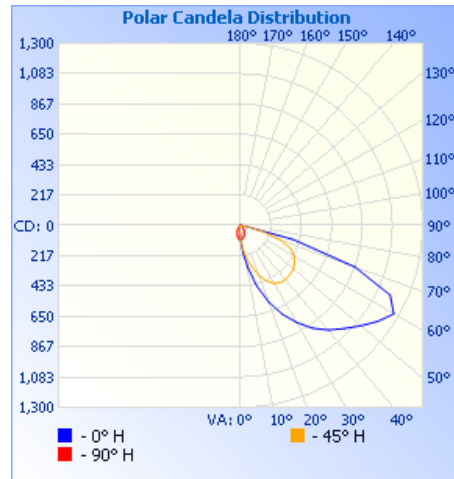
# Photometry

## OPTICAL DISTRIBUTION

lumen output	963 lm @ 4000K
power consumption	43W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	34.5 fc	1.6 ft	1.9 ft
3.3ft	9.16 fc	3.1 ft	3.6 ft
5.0ft	3.99 fc	4.7 ft	5.4 ft
6.7ft	2.22 fc	6.3 ft	7.3 ft
8.3ft	1.45 fc	7.8 ft	9.0 ft
10.0ft	1.00 fc	9.4 ft	10.9 ft

■ Vert. Spread: 50.3°  
■ Horiz. Spread: 57.1°



**iti illuminations testing laboratory** : Report #1090

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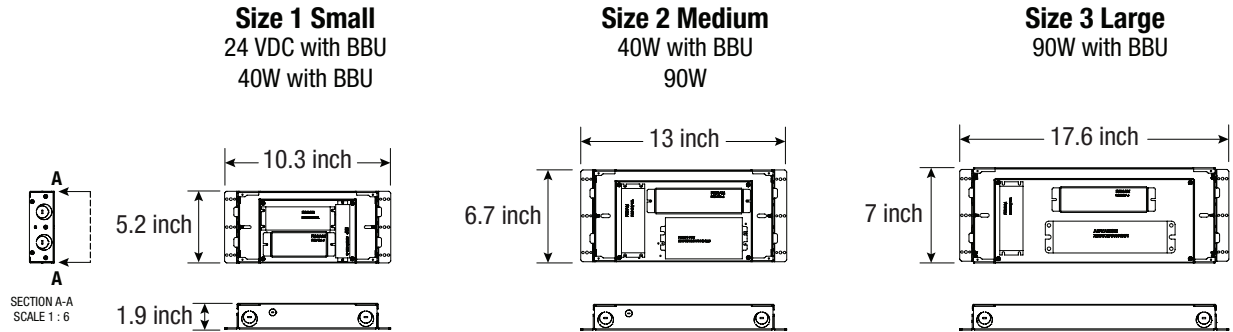
 US Commercial Lighting Manufacturer Since 1982

**Specification Sheet**

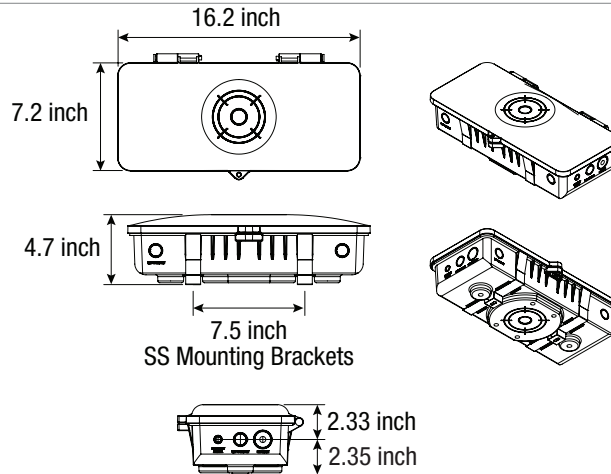


# Battery Back-Ups

**BBUR** — Battery Backup & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0 to 48 °C (32 to 118 °F), 30 feet Maximum Distance with 12 AWG (with UNV Option Only)



**BBUX** — Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20 to 55 °C (-4 to 131 °F), 30 feet Maximum Distance with 12AWG (with UNV Option Only)



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