



ADA

Date:

Type:

Fixture:

Project:

Approved:

FCSL101 IP65 rated exterior die-cast brick step light with open lens for masonry applications. Corrosion resistant, die-cast aluminum construction, this fixture provides illumination for damp, dry or wet areas.

SPECIFICATIONS

PHYSICAL

dimensions	9.44" W x 2.8" H x 3" Deep
weight	2 lbs
housing	Marine grade, corrosion resistant, heavy gauge, die formed and seam welded aluminum
lens	White glass lens
mounting	Mounts directly to standard junction box; concrete pour, masonry applications
ingress protection	IP65 : dry, damp or wet locations with extruded silicone gasket to seal out contaminants
faceplate finish	Six stage cleaning and saline pre-treatment. Super TGIC polyester powder coat finish, 18µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida/ AAMA 2604 specification

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K
lumen output	450 lm			
lifetime	> 70,000 hours / L70 or better			
color consistency	3 SDCM 85 CRI			
operating temperature	-40°F to 122°F (-40°C to 50°C)			
warranty	5-Year limited warranty (refer to website for details)			

ELECTRICAL

input voltage	Universal 120–277V AC
power supply	integral Class II, electronic high-power factor > 94% @120V
certifications	ETL / cETL Listed ADA compliant
standards	UL1598/CSA C22.2 No. 250.0; UL 8750/CSA C22.2 No. 250.13/IES LM-79/LM-80
power consumption	10W @ 120V - 277V
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

ORDERING INFORMATION

FCSL101						CRI85		4L					
Series		Voltage		CCT		CRI		LUMENS		Finish		Options	
FCSL101	120V	120V	27K	2700K	CRI85	85 CRI	4L	450 lm (10W)	BK	Black	LD	0-10V Dimming (Standard)	
	277V	277V	3K	3000K					BZ	Bronze	HB	Hanger Bracket	
	UNV	120V-277V	35K	3500K					SL	Silver	LBB	Less Back Box	
			4K	4000K					WH	White		(for shipment separate of Back Box)	
									CC	Custom Color			

BACK BOX KITS

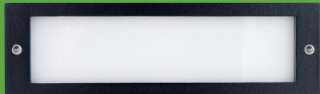
H99001-ETL Back Box Kit - Complete Back Box shipped in advance of fixture without mounting kit.

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.

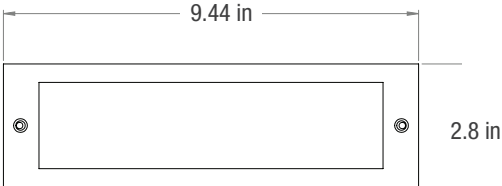
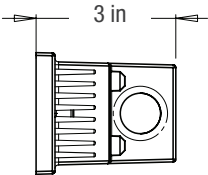


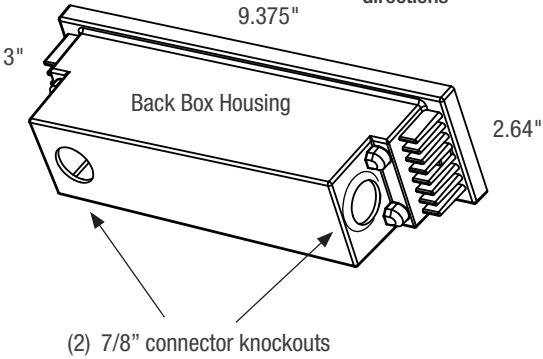
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Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING - <i>j-box sold by others</i>	
width	9.44" W	back box width	9.375" W
height	2.8" H	back box height	2.64" H
depth	3" D	back box depth	3" D





Back Box Housing

(2) 7/8" connector knockouts

Back Box mounts inside brick masonry: faceplate flush to surface or in front of surface - see installation instructions for proper mounting directions

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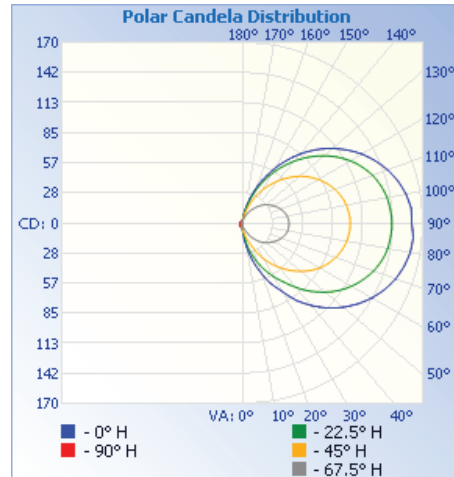


Photometry

OPTICAL DISTRIBUTION

lumen output	452 lm @ 4000K
power consumption	10W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	1.37 fc	4.8 ft	5.0 ft
3.3ft	0.36 fc	9.3 ft	9.7 ft
5.0ft	0.16 fc	14.1 ft	14.7 ft
6.7ft	0.09 fc	18.9 ft	19.6 ft
8.3ft	0.06 fc	23.4 ft	24.3 ft
10.0ft	0.04 fc	28.1 ft	29.3 ft
<div> <div></div> Vert. Spread: 109.2° <div></div> Horiz. Spread: 111.4° </div>			



iti illuminations testing laboratory : Report #2036

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