



Catalog Number:	
Project:	
Comments:	
Prepared By:	Date:

Description

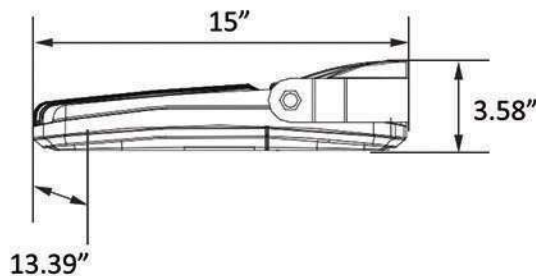
The LFS-SFL small flood light is the first of its kind in Lumecon's LED Fire Series. Combining a sleek fixture design with energy efficient performance allows this fixture to be used in parking lots, roadways, pathways and general area lighting applications replacing existing 250W - 400W HID fixtures one-for-one.

Performance Data

Model	Watts	Equiv	Lumens	Efficacy
LFS-SFL-90 	87W	250W HID	7,751 Lm	89 LPW
LFS-SFL-120	120W	400W HID	10,530 Lm	88 LPW

Dimensions & Weights

Model	Width	Height	Length	Weight
LFS-SFL	13.39"	3.58"	15"	15 lbs.



Technical Specifications

Input Voltage: 120-277V

Housing: Die cast aluminum housing and front frame with textured architectural bronze powder coat finish over a chromate conversion coating. Housing features an integrated heat sink and driver compartment built into the fixture design. Optional photocell accessory available. Fixture includes receptacle and shorting cap.

Lens: Tempered clear glass lens.

Mounting: Two-piece swivel bracket (standard). Additional mounting methods include: slip fitter, yoke mount, mounting arm for a square / round pole and wall mount bracket.

Effective Projected Area (EPA): 1.97 ft²

Color Temperature: 5000K CW (standard). All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°C.

Color Rendering Index (CRI): Minimum of 70 or higher.

Dimming: 0-10V standard dimming capability.

Surge Protection: A 20kA surge suppressor is included and complies with IEEE/ANSI C62.41.2 guidelines for "C High." Surge location rated Category C3.

Lumecon ETD System: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

Certification Data: ETL Listed to UL 1598, UL 8750 and CSA 22.2 No. 250 for Wet Locations. *Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750, Lighting Facts and DLC. Not all versions of this product may be DLC qualified. For a complete list of Lumecon DLC Qualified Products visit: www.designlights.org.

Manufacturing Origin: US Manufactured and Assembled.

Buy American: Meets Buy American requirements within the ARRA.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: www.lumecon.com



Ordering Information

LFS-SFL – Options / Ordering Example: LFS-SFL-120-DB-ST-C-1-CW-SB-X-X

WATTAGE	COLOR	DISTRIBUTION	LENS	VOLTAGE	COLOR TEMPERATURE
90 - 90 Watts 120 - 120 Watts	DB - Dark Bronze CC- Custom Color	ST - Standard	C - Clear Glass	1 - 120v - 277v	CW - Cool

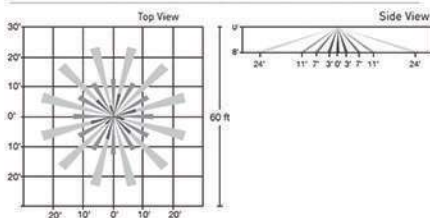
MOUNTING METHODS	PHOTOCELL	OCCUPANCY SENSOR
SB - Swivel Bracket SF - Slip Fitter Y - Yoke MAS - Mounting Arm (Square Pole) MAR - Mounting Arm (Round Pole) PM - Pole Mount Arm Adaptor WM - Wall Mount Bracket	X - None PC1 - 120v - 277v PC	X - None OC1 - On/Off OC2 - Dim/High

If OCC Sensor Option is selected, mounting height specifications need to be clarified: Mounting height between 0' - 10'
 Mounting height between 10' - 40'
 Mounting height over 40'+

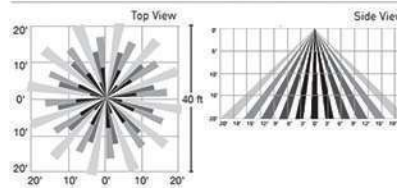
OCC Sensor Patterns

Coverage Patterns

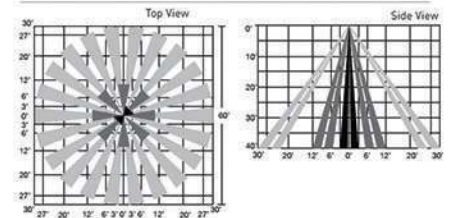
0' - 10' Mounting Height



10' - 40' Mounting Height



40'+ Mounting Height



Options & Accessories



Swivel Bracket



Slip Fitter



Yoke Mount



Mounted Arm
(square or round pole)



Pole Mounting
Arm Adaptor

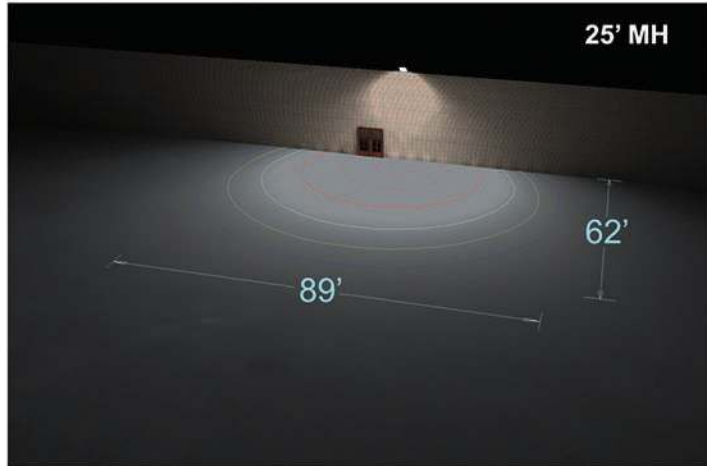


Wall Mount Bracket

Photometric Illustration

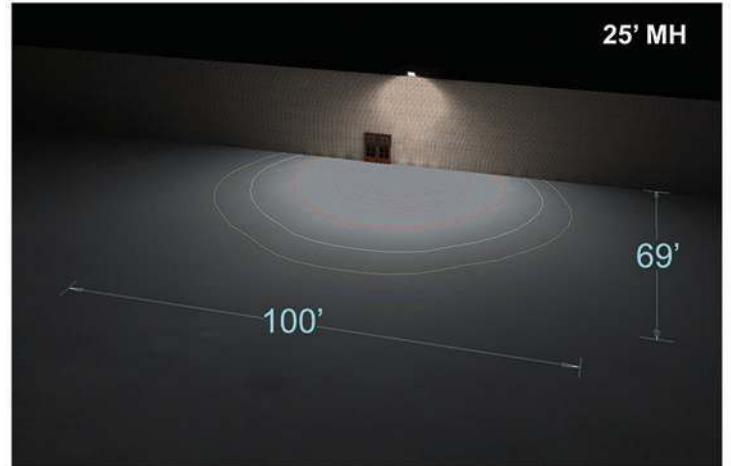
*For .ies files of this product, please visit the downloads tabs on the LFS-SFL product page: <http://lumecon.com/products/lfs-sfl-small-flood/>

LFS-SFL-90
Standard Distribution



**Flood light tilted in Illustration*

LFS-SFL-120
Standard Distribution



**Flood light tilted in Illustration*