**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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Watts</th>
<th>Equiv</th>
<th>Lumens</th>
<th>Efficacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>LFS-SFL-90</td>
<td>87W</td>
<td>250W HID</td>
<td>7,751 Lm</td>
<td>89 LPW</td>
</tr>
<tr>
<td>LFS-SFL-120</td>
<td>120W</td>
<td>400W HID</td>
<td>10,530 Lm</td>
<td>88 LPW</td>
</tr>
</tbody>
</table>

**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 IEC 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 UL 1698 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
LFS - SFL
LED Small Flood

Ordering Information

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

<table>
<thead>
<tr>
<th>WATTAGE</th>
<th>COLOR</th>
<th>DISTRIBUTION</th>
<th>LENS</th>
<th>VOLTAGE</th>
<th>COLOR TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 - 90 Watts</td>
<td>DB - Dark Bronze</td>
<td>ST - Standard</td>
<td>C - Clear Glass</td>
<td>1 - 120v - 277v</td>
<td>CW - Cool</td>
</tr>
<tr>
<td>120 - 120 Watts</td>
<td>CC - Custom Color</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

Options & Accessories

Swivel Bracket
Slip Fitter
Yoke Mount
Mounted Arm (square or round pole)
Pole Mounting Arm Adaptor
Wall Mount Bracket
Photometric Illustration

*For .xes 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

LFS-SFL-120
Standard Distribution

*Flood light tilted in Illustration

*Flood light tilted in Illustration