



Catalog Number:	
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Prepared By:	Date:

Description

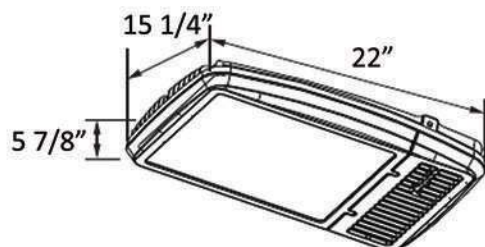
The LFS-LAL large area light is the first of its kind in Lumecon's LED Fire Series. Combining a sleek fixture design with energy efficient performance allows this fixture to be used in parking lots, roadways, pathways and general area lighting applications replacing existing 1,000W HID fixtures one-for-one.

Performance Data

Model	Watts	Equiv	Lumens	Efficacy
LFS-LAL-180 (Type III)	177W	400W HID	15,392 Lm	87 LPW
LFS-LAL-180 (Type V)	177W	400W HID	16,709 Lm	94 LPW
LFS-LAL-280 (Type III)	281W	1,000W HID	23,130 Lm	82 LPW
LFS-LAL-280 (Type V)	281W	1,000W HID	25,007 Lm	89 LPW

Dimensions & Weights

Model	Width	Height	Length	Weight
LFS-LAL	15 1/4"	5 7/8"	22"	30 lbs.



Technical Specifications

Input Voltage: 120-277V or 347-480V

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: Mounting arm designed for a square / round pole (standard). Additional pole mounting adaptor available.

Effective Projected Area (EPA): 1.00 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



NATIONAL ASSOCIATION OF ELECTRICAL DISTRIBUTORS

Ordering Information

LFS-LAL – Options / Ordering Example: LFS-LAL-280-DB-T5-C-1-CW-MAS-X-X

WATTAGE	COLOR	DISTRIBUTION	LENS	VOLTAGE	COLOR TEMPERATURE
180 - 180 Watts 280 - 280 Watts	DB - Dark Bronze CC- Custom Color	T5 - Type V T3 - Type III	C - Clear Glass	1 - 120v - 277v 2 - 347v - 480v* <i>*347v-480v fixtures require external box</i>	CW - Cool

MOUNTING METHODS	PHOTOCELL	OCCUPANCY SENSOR
MAS - Mounting Arm (Square Pole)* MAR - Mounting Arm (Round Pole)* PM - Pole Mount Arm Adaptor* <i>*Designed to mount to a 4", 5" or 6" pole</i>	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:

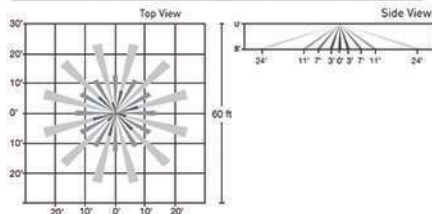
Mounting height between 0' - 10'

Mounting height between 10' - 40'

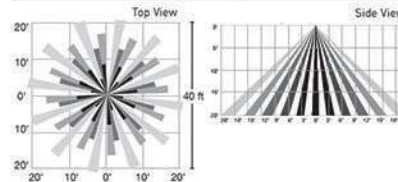
Mounting height over 40'+

OCC Sensor Patterns

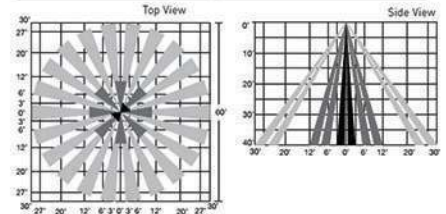
Coverage Patterns 0' - 10' Mounting Height



10' - 40' Mounting Height



40'+ Mounting Height



Options & Accessories



Mounted Arm
(square or round pole)



Pole Mounting
Arm Adaptor



*Swivel Bracket



*Slip Fitter



*Wall Mount Bracket



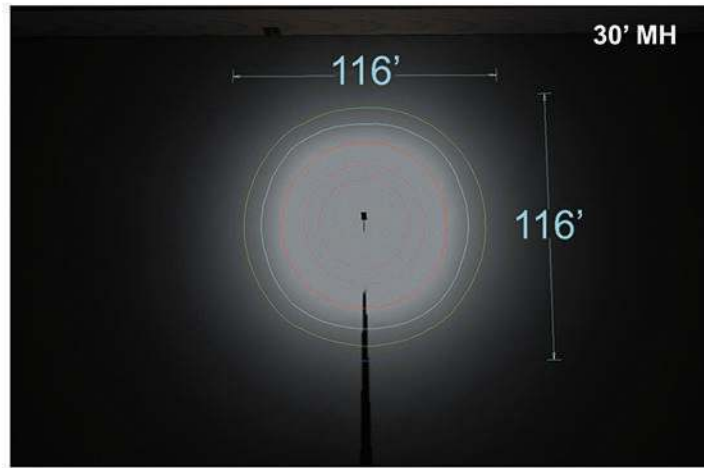
*Yoke Mount

*Swivel Bracket, Slip Fitter, Wall Mount Bracket and Yoke Mount options are available on the LFS-LFL fixture.

Photometric Illustration

*For .ies files of this product, please visit the downloads tabs on the LFS-LAL product page: <http://lumecon.com/products/lfs-lal-large-area-light/>

LFS-LAL-180-T5



LFS-LAL-280-T5

