





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

Description

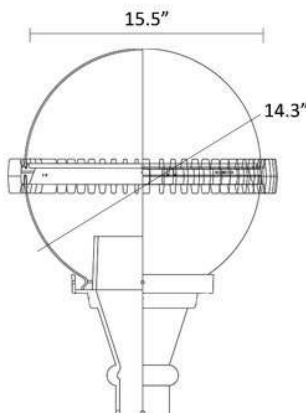
The LBOF decorative post-top utilizes our patented thermal integrated trim ring for maximize heat dissipation. Available in three wattage outputs, it is able to replace 100W-250W fixtures one-for one. Each model delivers superior lumen output to illuminate your next downtown lighting project.

Performance Data

Model	Watts	Equiv	Lumens	Efficacy
LBOF - 1 (Type V) 	54W	100W HID	3,922 Lm	72LPW
LBOF - 2 (Type V) 	84W	175W HID	5,739 Lm	68 LPW
LBOF - 3 (Type V)	117W	250W HID	7,276 Lm	62 LPW

Dimensions & Weights

Model	Ring Diameter	Globe Diameter	Weight
LBOF	15.5"	14.3"	14 lbs.



Technical Specifications

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

Light Distribution: LEDs are mounted to the inside of the fixture trim ring which serves as a heat sink to ensure optimal heat dissipation. This type of mounting allows for a Type 5 light distribution pattern.

Globe: Our two-piece acrylic or polycarbonate lens post top features precise prisms achievable only through injection molding. The prisms provide pleasing daytime "prismatic sparkle" and provide excellent uniformity, light distribution and efficiency for nighttime performance.

A cutoff light lid and a diffuser panel option are available to help limit the amount of uplight emitted from the fixture. The cutoff light lid is a solid polished reflector that virtually eliminates light to the upper globe, while the diffuser panel is a frosted panel that allows for 30% uplight to provide a pleasing glow to the upper section of the fixture.

Fitter/ Base: Fitter option compatible with an 8" globe neck size and is designed to slip fit a 3" OD pole.

Effective Projected Area (EPA): 0.65 ft²

Color Temperature: 2700K WW, 4000K NW (standard), 5700K CW. 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



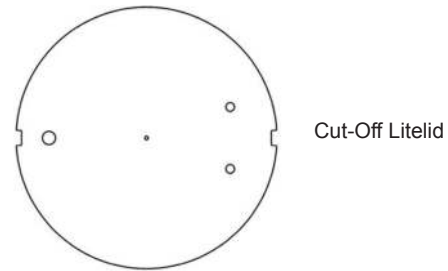
Ordering Information

LBOF Options / Ordering Example: LBOF-1-1-NW-A-8-X-B-X-X

WATTAGE / DISTRIBUTION TYPE	VOLTAGE	COLOR TEMPERATURE	GLOBE MATERIAL	GLOBE NECK SIZE
1 - 54W / TYPE V	1 - 120v - 277v	NW - Neutral	A - Acrylic	8 - 8" Neck
2 - 84W / TYPE V	2 - 347v - 480v	CW - Cool	P - Polycarbonate	9 - 9" Neck
3 - 117W / TYPE V		WW - Warm	W - White Acrylic	

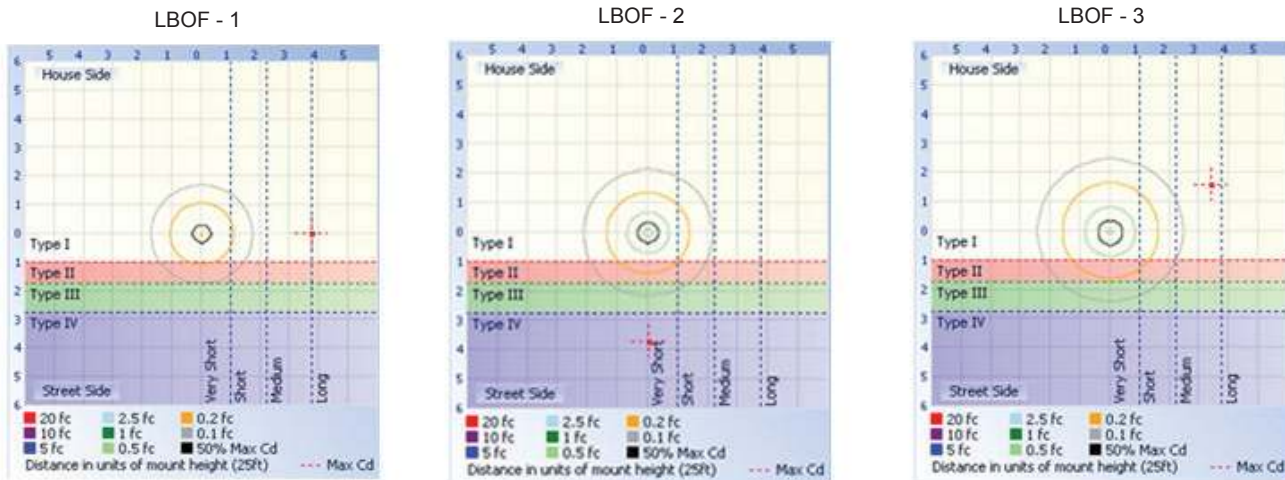
FITTER / BASE	PAINT COLOR	PHOTOCELL	UPLIGHT SHIELD
X - None	B - Black	X - None	X - None
1 - 8" Fitter for 3" OD Pole	CC - Custom Color* <i>*Will need RAL number</i>	PC1 - 120v PC	C - Cut-Off
		PC2 - 277v PC	D - Diffuser Shield
		PC3 - 347v PC	
		PC4 - 480v PC <i>(requires fitters)</i>	

Options & Accessories



Photometric Data

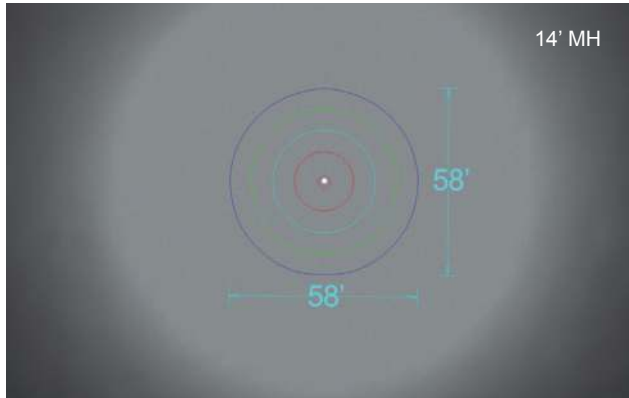
*For .ies files of this product, please visit the downloads tabs on the LBOF product page: <http://lumecon.com/products/lbof-ball-of-fire/>



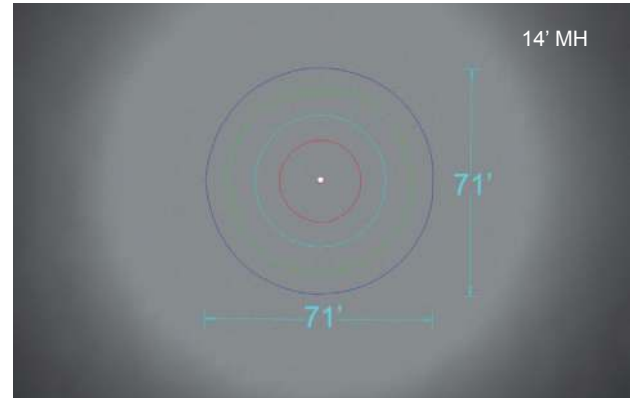
Photometric Illustration

*For .ies files of this product, please visit the downloads tabs on the LBOF product page: <http://lumecon.com/products/lbof-ball-of-fire/>

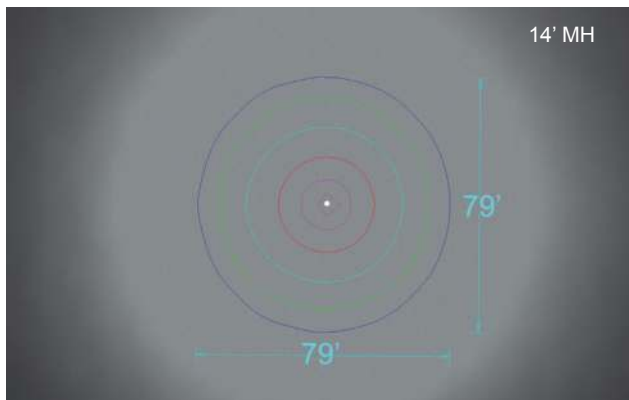
LBOF - 1



LBOF - 2



LBOF - 3



Performance Data

ELECTRICAL LOAD DATA			AC Current Load (A)			
Fixture Model	Drive Current (mA)	System Watts (W)	120V	208V	240V	277V
LBOF - 1	59	54.1	0.50	0.29	0.25	0.22
LBOF - 2	88	84.4	0.78	0.45	0.39	0.34
LBOF - 3	117	117.6	1.09	0.63	0.54	0.47

Performance Data continued

LUMEN MAINTENANCE

Data in the table below references projected performance in a 25°C ambient and is based on 10,000 hours of LED testing. Performance data has been tested per IESNA LM-80-08 and projected per IESNA TM-21-11.

Use the lumen maintenance factor that corresponds to the desired number of operating hours below to calculate LLF.

Lumen Maintenance Factors @ 25°C, by hours:

Fixture Model	0	25,000	50,000	70,000	100,000
LBOF - 1	1.0	0.96	0.93	0.90	0.86
LBOF - 2	1.0	0.95	0.91	0.88	0.84
LBOF - 3	1.0	0.95	0.91	0.88	0.84

Lighting Facts

