







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

Description

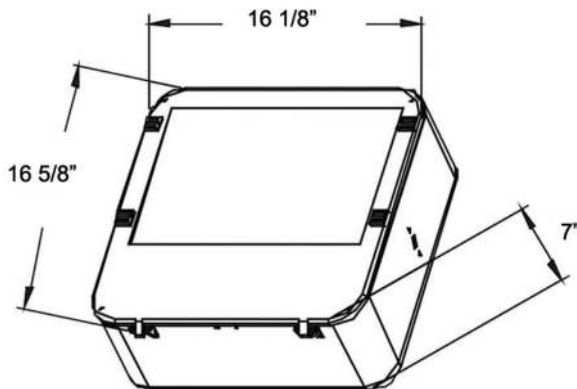
The LAL-SB shoe-box fixture is available in two wattage packages and comes standard with a 6" arm for either a round, or square pole. With the ability to replace a 250W-400W HID fixture one-for-one, the LAL-SB is ideal for parking lot / area flood applications.

Performance Data

Model	Watts	Equiv	Lumens	Efficacy
LAL-SB-60 (Type III) 	55W	250W HID	5,722 Lm	105 LPW
LAL-SB-60 (Type V) 	62W	250W HID	7,164 Lm	115 LPW
LAL-SB-120 (Type III) 	111W	400W HID	11,305 Lm	102 LPW
LAL-SB-120 (Type V) 	124W	400W HID	13,574 Lm	110 LPW

Dimensions & Weights

Model	Width	Height	Depth	Weight
LAL-SB	16 1/8"	7"	16 5/8"	21 lbs.



Technical Specifications

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

Housing: Die cast aluminum housing with hinged lens frame and textured architectural bronze powder coat finish over a chromate conversion coating.

Lens: Tempered clear glass lens.

Mounting: 6" extruded mounting arm (standard). Additional mounting methods include: 10" and 12" mounting arms designed for both round and square poles.

Effective Projected Area (EPA): 1.87 ft²

Color Temperature: 2700K WW, 4000K NW (standard), 5000K 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.

Battery Back-Up (Optional): When triggered into emergency mode, the BBU operates the LEDs for a code-compliant 90 minutes. When AC power is restored, the driver automatically returns to charging mode. The BBU is a UL recognized component and meets all applicable safety standards.

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

LAL – SB Options / Ordering Example: LAL-SB-60-DB-T5-1-NW-ES6-1-BB1-X-X-X-X

WATTAGE	COLOR	DISTRIBUTION	VOLTAGE	COLOR TEMPERATURE	MOUNTING METHODS
60 - 60 Watts 120 - 120 Watts	DB - Dark Bronze	T5 - Type V T3 - Type III	1 - 120v - 277v 2 - 347v - 480v	NW - Neutral CW - Cool* WW - Warm	6 - 6" Extruded Arm, Square Pole ER6 - 6" Extruded Arm, Round Pole* ES0 - 10" Extruded Arm, Square Pole ER0 - 10" Extruded Arm, Round Pole* ES12 - 12" Extruded Arm, Square Pole ER12 - 12" Extruded Arm, Round Pole* <i>*Designed for a 4" OD Round Pole</i>

GUARD	BATTERY BACK-UP	SPLIT CIRCUIT	PHOTOCELL	OCCUPANCY SENSOR	INLINE FUSE
X - None 1 - Wire 2 - Back Light Shield	X - None BB1 -120v BBU BB2 -277v BBU BBC1 -120v BBU Cold Temp Rated BBC2 -277v BBU Cold Temp Rated	X - None SC - Split Circuit	X - None PC1 - 120v PC PC2 - 277v PC PC3 - 347v PC PC4 - 480v PC	X - None OC1 - On/Off OC2 - Dim/High	X - None F - Inline Fuse, 2.5A

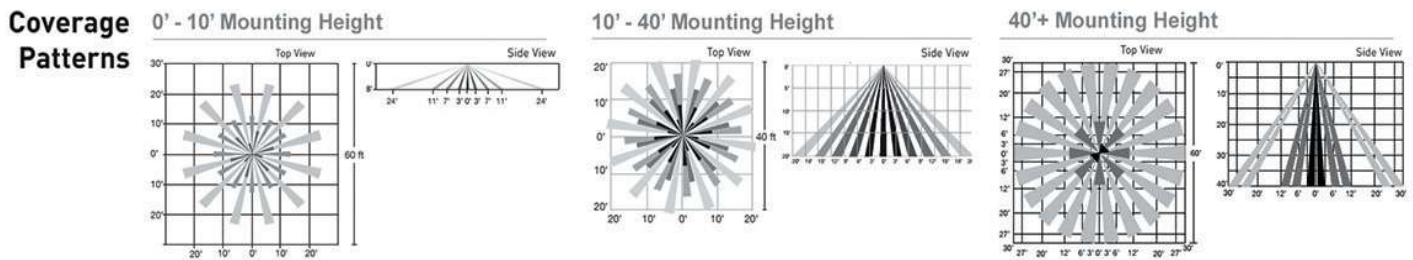
If OCC Sensor Option is selected, mounting height specifications need to be clarified:

Mounting height between 0' - 10'

Mounting height between 10' - 40'

Mounting height over 40'+

OCC Sensor Patterns



Options & Accessories



Extruded Arm



Swivel Bracket*



Slip Fitter*



Adjustable Arm*



Yoke*



Wire Guard

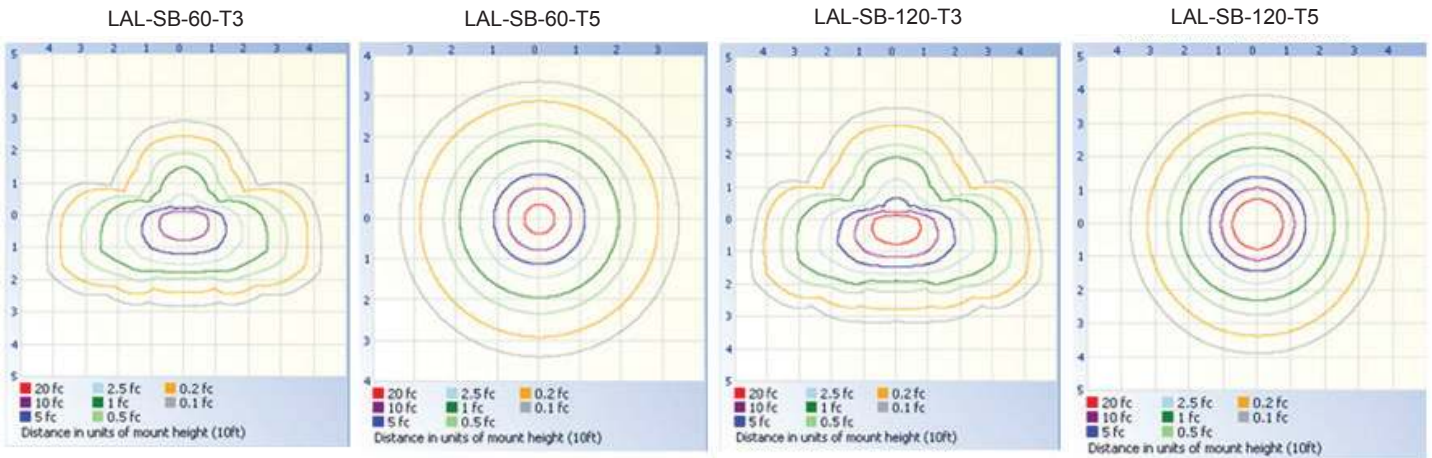


Back Light Shield

* Swivel Bracket, Slip Fitter, Adjustable Arm and Yoke Mount options are available on the LF-LG fixture.

Photometric Data

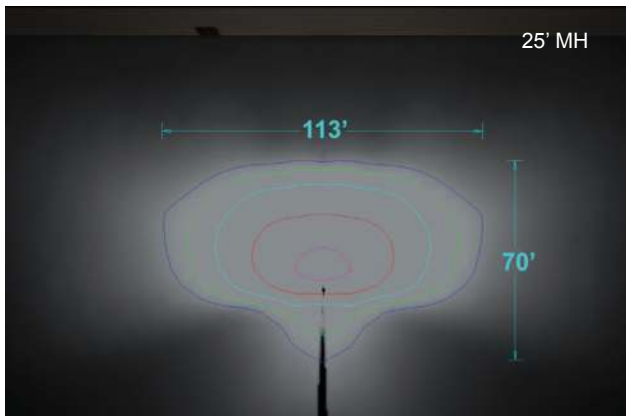
*For .ies files of this product, please visit the downloads tabs on the LAL-SB product page: <http://lumecon.com/products/lal-sb-area-light/>



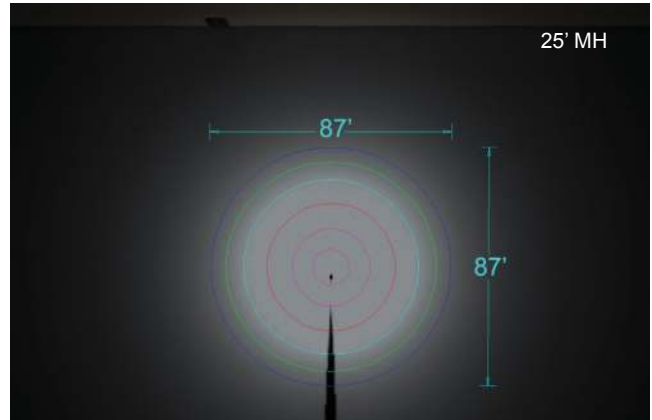
Photometric Illustration

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

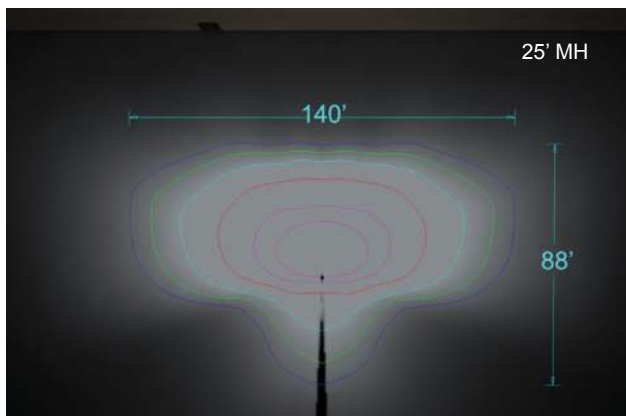
LAL-SB-60-T3



LAL-SB-60-T5



LAL-SB-120-T3



LAL-SB-120-T5

