

# SOLID STATE AREA LIGHTING

## LAF SERIES-HID

### S P E C I F I C A T I O N S

#### FITTER

Heavy cast, low copper aluminum (A356 alloy; <.2% copper) decorative fitter with 4 stainless steel socket head cap screws to secure fixture to tenon. The top collar of the fitter has 4 stainless steel socket head cap screws to secure acorn/globe to the fitter in a channel that has an elevated interior (to the acorn/globe) barrier to prevent moisture from entering the fitter and weep holes to allow drainage. Standard fitter has 3" I.D. opening for tenon.

#### CROWN

Decorative corrosion resistant cast aluminum (A356 alloy, <.02% copper) surround affixed to the acorn globe with stainless steel screws above the optical center and above the maximum diameter point.

#### ACORN/GLOBE

Clear patterned UV Stabilized shatter-resistant polycarbonate.

#### OPTICS

**(VL) Bare Lamp** - Vertically oriented base down lamp produces a symmetric (SYM) distribution. Sockets are porcelain 4KV pulse rated, medium base (E26) up to 150W or mogul base (E39) for 400W (coated lamp recommended)

**(IL) Internal Louver** - Stacked specular (bright dipped anodized) louver reflector produces a symmetric (Type V) distribution pattern. Sockets are porcelain 4KV pulse rated, medium base (E26) up to 150W or mogul base (E39) for 400W.

**(PG) Prismatic Glass Refractor (Internal)** - Borosilicate glass refractor produces either a symmetric (PG-V) or asymmetric (PG-III) distribution pattern. Sockets are porcelain 4KV pulse rated, medium base (E26) up to 150W or mogul base (E39) for 400W.

**(OPT) Wide Angle Louver System** - Wide angle optic consisting of gradient angled stacked specular (bright dipped anodized) louvers producing a symmetric (Type V) distribution pattern. Sockets are porcelain 4KV pulse rated, medium base (E26) up to 150W or mogul base (E39) for 400W.

#### ELECTRICAL COMPARTMENT/MODULE

Spun aluminum enclosure creates separate compartment or ballast components and serves as mounting platform for the lamp socket locating the lamp at the proper optical center for the acorn/globe. All electrical components are UL and cUL recognized are mounted on a single plate and factory prewired with quick-disconnect plugs. Electronic MH ballasts have power factor of >.95 (70W - 150W) -20°F starting, 120-277V or >.90, 347V option utilizes a step down transformer to the electronic ballast. Magnetic MH ballasts are high power factor (70W - 150W) or CWA (200 - 400W), -20°F starting, multi-tap 120-277V, 60Hz. All HPS ballasts are core and coil, high-reactance, high power factor (70W - 150W) or CWA (200W - 400W), -40°F starting.

#### FINISH

Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

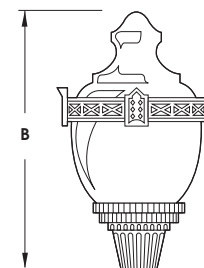
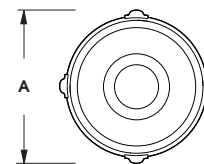
PROJECT NAME: \_\_\_\_\_

FIXTURE TYPE: \_\_\_\_\_




LAF

PATENT PENDING



FIXTURE	A	B
LAF1*	18.5" 470mm	32" 813mm
LAF2*	17" 432mm	28" 711mm

\* WITH STANDARD -YA FITTER

 Light Pollution Control Classification System  
Full cutoff 0% Uplight Luminaire

 U.L. Listed for wet location

MADE IN THE  


2015026

Sun Valley Lighting

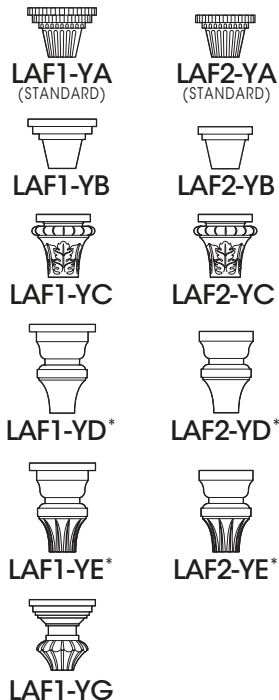
660 West Avenue O, Palmdale, CA 93551  
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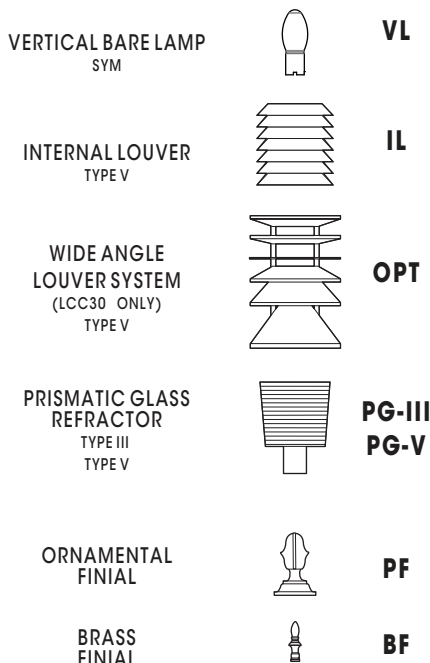
## S P E C I F I C A T I O N S

### OPTIONAL FITTERS

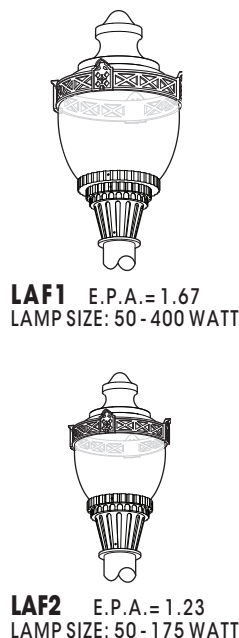


\* AVAILABLE WITH TWIST LOCK PHOTOCELLS  
\*SEE OPTIONS

### OPTIONAL COMPONENTS



### E.P.A. & LAMP WATTAGE



Spec/Order Example: LAF1-WGD/75PSMH240/XPK/RAL-7004/SF

## S P E C / O R D E R I N G I N F O R M A T I O N

LUMINAIRE-FITTER	OPTICS	WATTAGE	TYPE	VOLTAGE	MOUNTING	FINISH	OPTIONS
<b>LUMINAIRE</b>	<b>OPTICS</b>	<b>LAMP</b>			<b>MOUNTING</b>	<b>FINISH</b>	<b>OPTIONS</b>
(400W REQUIRES "HT" OPTION)	<b>VERTICAL BARE LAMP</b>	<b>WATTAGE</b>	<b>TYPE</b>	<b>VOLTAGE</b>	<b>ARM MOUNT</b>	<b>STANDARD TEXTURED FINISH</b>	
<input type="checkbox"/> LAF1-YA	<input type="checkbox"/> TYPE SYMMETRIC VL - SYM .....	<b>LAF1</b>	<input type="checkbox"/> PSMH	<input type="checkbox"/> 120	<input type="checkbox"/> 1 .....	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> CLEAR POLYCARBONATE (STANDARD) ..... CP
<input type="checkbox"/> LAF1-YB		<input type="checkbox"/> 250	<input type="checkbox"/> HPS	<input type="checkbox"/> 208	<input type="checkbox"/> 2-180 .....	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> OPAL POLYCARBONATE .. WP
<input type="checkbox"/> LAF1-YC	<b>GLASS REFRACTOR</b>	<input type="checkbox"/> 175 <sup>4</sup>		<input type="checkbox"/> 240	<input type="checkbox"/> 2-90 .....	<input type="checkbox"/> GREY RAL-7004-T	<input type="checkbox"/> ORNAMENTAL FINIAL .... PF
<input type="checkbox"/> LAF1-YD	<input type="checkbox"/> TYPE III PG - III .....	<input type="checkbox"/> 150T <sup>2</sup>		<input type="checkbox"/> 277	<input type="checkbox"/> 3-90 .....	<input type="checkbox"/> DARK BRONZE RAL-8019-T	<input type="checkbox"/> BRASS FINIAL ..... BF
<input type="checkbox"/> LAF1-YE	<input type="checkbox"/> TYPE V PG - V .....	<input type="checkbox"/> 150		<input type="checkbox"/> 347 (CAN)	<input type="checkbox"/> 3-120 .....	<input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> HEAT SHIELD ..... HT (REQUIRED FOR 400W)
<input type="checkbox"/> LAF1-YG		<input type="checkbox"/> 100		<input type="checkbox"/> 480	<input type="checkbox"/> 4-90 .....		<input type="checkbox"/> HOUSE SIDE SHIELD 90° ..... HS90° 135° ..... HS135° 180° ..... HS180°
(175W MAX)	<b>INTERNAL LOUVER</b>	<input type="checkbox"/> 70T <sup>2</sup>			<b>WALL MOUNT</b>	<b>FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)</b>	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) .... PC+V
<input type="checkbox"/> LAF2-YA	<input type="checkbox"/> TYPE V IL - V .....	<input type="checkbox"/> 70			<input type="checkbox"/> WM .....	<b>SEE USALTG.COM FOR ADDITIONAL COLORS</b>	<input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY ..... TPR
<input type="checkbox"/> LAF2-YB		<input type="checkbox"/> 50			<b>POST TOP</b>		<input type="checkbox"/> SINGLE FUSE (120V, 277V) ..... SF
<input type="checkbox"/> LAF2-YC	<b>WIDE ANGLE LOUVER SYSTEM<sup>1</sup></b>				<input type="checkbox"/> PT .....		<input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) .... DF
<input type="checkbox"/> LAF2-YD	<input type="checkbox"/> TYPE V OPT - V .....						
<input type="checkbox"/> LAF2-YE							
	<b>NOTES:</b> 1 - AVAILABLE WITH LAE1-YD, LAE1-YE & LAE1-YG FITTERS ONLY.						
		<b>NOTES:</b> 2 - G1/2 BASE 3 - HT OPTION REQUIRED AND INC. 4 - POSITION SENSITIVE - Use "U" OR "V" LAMPS ONLY. NOT "VBU" RATED.					