

# H.I.D. AREA LIGHTING

## LAE 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.

#### 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: \_\_\_\_\_

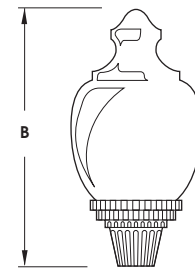
FIXTURE TYPE: \_\_\_\_\_



**LAE**


\* SHOWN WITH STANDARD -YA FITTER

PATENT PENDING



FIXTURE	A	B
LAE1*	16.5" 419mm	32" 813mm
LAE2*	14" 356mm	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  
**USA**

2015026

Sun Valley Lighting

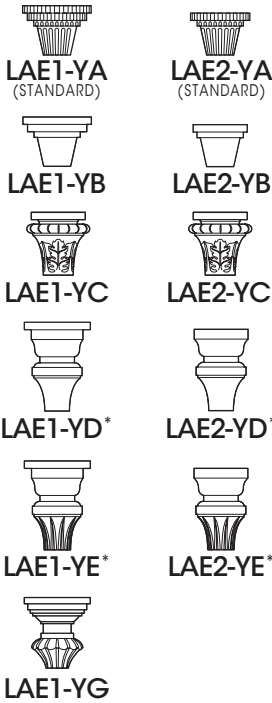
660 West Avenue O, Palmdale, CA 93551  
Phone (661) 233-2000 Fax (661) 233-2001  
www.usallg.com

**SUN VALLEY**  
LIGHTING

# LAE SERIES - HID

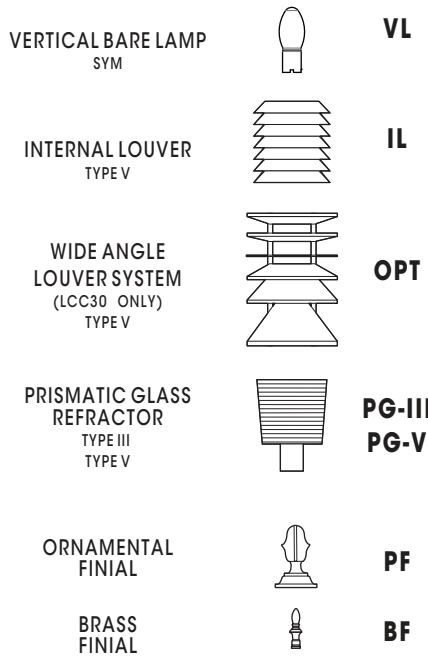
## S P E C I F I C A T I O N S

### OPTIONAL FITTERS

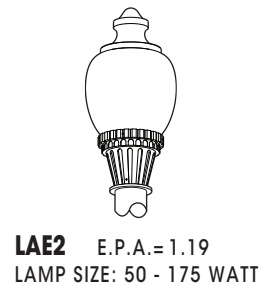


\* AVAILABLE WITH TWIST LOCK PHOTOCELLS  
SEE OPTIONS

### OPTIONAL COMPONENTS



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



Spec/Order Example: LAE1-YE/IL-V/250PSMH480/3-90/RAL-9005/HT

## 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"/> LAE1-YA <input type="checkbox"/> LAE1-YB <input type="checkbox"/> LAE1-YC <input type="checkbox"/> LAE1-YD <input type="checkbox"/> LAE1-YE <input type="checkbox"/> LAE1-YG	<input type="checkbox"/> TYPE SYMMETRIC VL - SYM .....  <b>GLASS REFRACTOR</b> <input type="checkbox"/> TYPE III PG - III ..... <input type="checkbox"/> TYPE V PG - V .....	<b>LAE1</b> <input type="checkbox"/> 400 <sup>3</sup> <input type="checkbox"/> PSMH <input type="checkbox"/> 120 <input type="checkbox"/> 250 <input type="checkbox"/> HPS <input type="checkbox"/> 208 <input type="checkbox"/> 175 <sup>4</sup> <input type="checkbox"/> <input type="checkbox"/> 240 <input type="checkbox"/> 150T <sup>2</sup> <input type="checkbox"/> <input type="checkbox"/> 277 <input type="checkbox"/> 150 <input type="checkbox"/> <input type="checkbox"/> 347 (CAN) <input type="checkbox"/> 100 <input type="checkbox"/> <input type="checkbox"/> 480 <input type="checkbox"/> 70T <sup>2</sup> <input type="checkbox"/> 70 <input type="checkbox"/> 50		<input type="checkbox"/> 1 ..... <input type="checkbox"/> 2-180 ..... <input type="checkbox"/> 2-90 ..... <input type="checkbox"/> 3-90 ..... <input type="checkbox"/> 3-120 ..... <input type="checkbox"/> 4-90 .....	<input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> CLEAR POLYCARBONATE (STANDARD) ..... CP <input type="checkbox"/> OPAL POLYCARBONATE . . WP <input type="checkbox"/> ORNAMENTAL FINIAL . . . . PF <input type="checkbox"/> BRASS FINIAL . . . . . BF <input type="checkbox"/> HEAT SHIELD . . . . . HT (REQUIRED FOR 400W) <input type="checkbox"/> HOUSE SIDE SHIELD 90° ..... HS90° 135° ..... HS135° 180° ..... HS180°	
(175W MAX)	<b>INTERNAL LOUVER</b>	<b>LAE2</b>			<b>WALL MOUNT</b>	FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) . . . . PC+V <input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY . . . . TPR <input type="checkbox"/> SINGLE FUSE (120V, 277V) . . . . . SF <input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) . . . . DF
<input type="checkbox"/> LAE2-YA <input type="checkbox"/> LAE2-YB <input type="checkbox"/> LAE2-YC <input type="checkbox"/> LAE2-YD <input type="checkbox"/> LAE2-YE	<input type="checkbox"/> TYPE V IL - V .....  <b>WIDE ANGLE LOUVER SYSTEM<sup>1</sup></b> <input type="checkbox"/> TYPE V OPT - V .....	<input type="checkbox"/> 175 <input type="checkbox"/> 150T <sup>2</sup> <input type="checkbox"/> 150 <input type="checkbox"/> 100 <input type="checkbox"/> 70T <sup>2</sup> <input type="checkbox"/> 70 <input type="checkbox"/> 50		<input type="checkbox"/> WM .....  <b>POST TOP</b> <input type="checkbox"/> PT .....	SEE USALTG.COM FOR ADDITIONAL COLORS		
	<b>NOTES:</b> 1- AVAILABLE WITH LAE1-YD, LAE1-YE & LAE1-YG FITTERS ONLY. 2- G12 BASE. 3- HT OPTION REQUIRED AND INC. 4- POSITION SENSITIVE - Use "J" OR "V" LAMPS ONLY. NOT "VBU" RATED.						