

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: _____

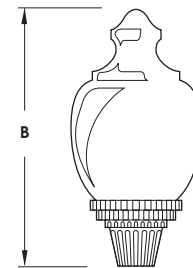
FIXTURE TYPE: _____



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

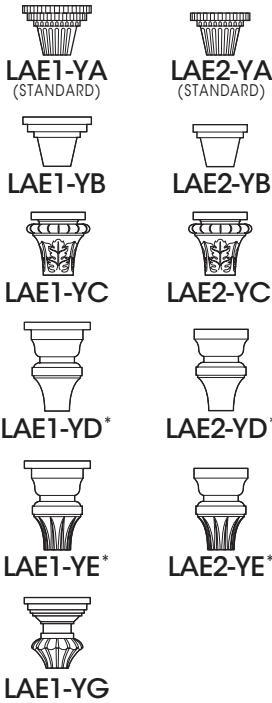
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SUN VALLEY
LIGHTING

LAE SERIES - HID

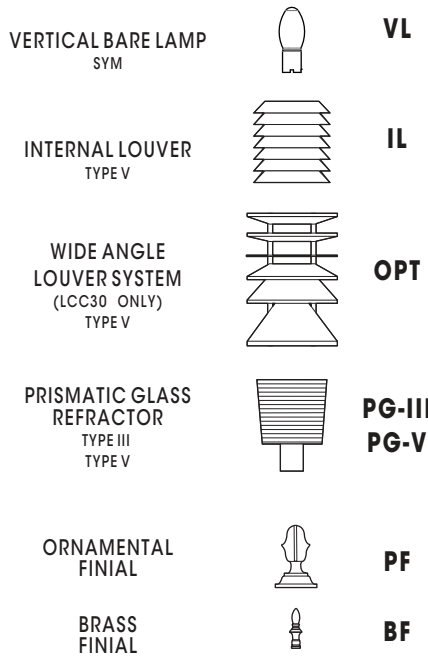
S P E C I F I C A T I O N S

OPTIONAL FITTERS

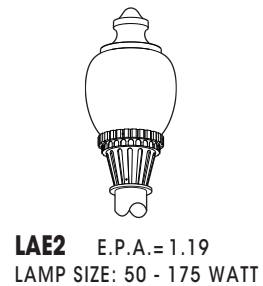


* AVAILABLE WITH TWIST LOCK PHOTOCELLS
*SEE OPTIONS

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
LUMINAIRE	OPTICS	LAMP			MOUNTING	FINISH	OPTIONS
(400W REQUIRES "HT" OPTION)	VERTICAL BARE LAMP	WATTAGE	TYPE	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	
<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 GLASS REFRACTOR <input type="checkbox"/> TYPE III PG - III <input type="checkbox"/> TYPE V PG - V	LAE1 <input type="checkbox"/> 400 ³ <input type="checkbox"/> PSMH <input type="checkbox"/> 120 <input type="checkbox"/> 250 <input type="checkbox"/> HPS <input type="checkbox"/> 208 <input type="checkbox"/> 175 ⁴ <input type="checkbox"/> 240 <input type="checkbox"/> 150T ² <input type="checkbox"/> 277 <input type="checkbox"/> 150 <input type="checkbox"/> 347 (CAN) <input type="checkbox"/> 100 <input type="checkbox"/> 480 <input type="checkbox"/> 70T ² <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)	INTERNAL LOUVER	LAE2			WALL MOUNT	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 WIDE ANGLE LOUVER SYSTEM¹ <input type="checkbox"/> TYPE V OPT - V	<input type="checkbox"/> 175 <input type="checkbox"/> 150T ² <input type="checkbox"/> 150 <input type="checkbox"/> 100 <input type="checkbox"/> 70T ² <input type="checkbox"/> 70 <input type="checkbox"/> 50		<input type="checkbox"/> WM POST TOP <input type="checkbox"/> PT	SEE USALTG.COM FOR ADDITIONAL COLORS		
	NOTES: 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.						