

H.I.D. AREA LIGHTING

LAC SERIES-HID

SPECIFICATIONS

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.

CAGE and CROWN

Decorative corrosion resistant cast aluminum (A356 alloy, <.02% copper) surround welded to 4 decorative cast aluminum (A356 alloy, <0.2% copper) vertical support arms. The arms are welded to the fixture hub creating a cage in which the acorn globe resides. All hardware is stainless steel.

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 250W (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 250W.

(PG) Prismatic Glass Refractor (Internal) - Borosilicate glass refractor produces either a symmetric (Type V) or asymmetric (Type III) distribution pattern. Sockets are porcelain 4KV pulse rated, medium base (E26) up to 150W or mogul base (E39) for 250W.

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 - 250W), -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 - 250W), -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.

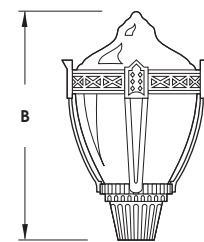
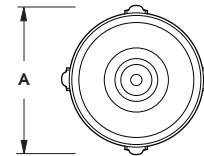
PROJECT NAME: _____

FIXTURE TYPE: _____



LAC

PATENT PENDING



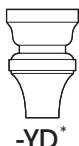
FIXTURE	A	B
LAC1*	17.5" 445mm	29" 737mm
LAC2*	15.5" 394mm	25.5" 648mm

* WITH STANDARD -YA FITTER

LAC SERIES - HID

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

OPTIONAL FITTERS



* AVAILABLE WITH MINI BUTTON PHOTOCELLS
*SEE OPTIONS

OPTIONAL COMPONENTS

VERTICAL BARE LAMP
ASY



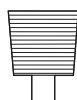
VL

INTERNAL LOUVER
TYPE V



IL

PRISMATIC GLASS
REFRACTOR
TYPE III
TYPE V



PG-III
PG-V

ORNAMENTAL
FINIAL



PF

BRASS
FINIAL



BF

E.P.A. & LAMP WATTAGE



LAC1 E.P.A.= 1.36
LAMP SIZE: 50 - 250 WATT



LAC2 E.P.A.= 1.14
LAMP SIZE: 50 - 100 WATT

Spec/Order Example: LAC1-YD/IL-V/70PSMH240/4-90/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
LUMINAIRE	OPTICS	LAMP			MOUNTING	FINISH	OPTIONS
(250W REQUIRES "HT" OPTION)	VERTICAL BARE LAMP	WATTAGE	TYPE	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	
<input type="checkbox"/> LAC1-YA	<input type="checkbox"/> TYPE SYMMETRIC VL - SYM	<input type="checkbox"/> 250 ²	<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"/> LAC1-YB		<input type="checkbox"/> 175 ³	<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"/> LAC1-YC	GLASS REFRACTOR	<input type="checkbox"/> 150T ¹		<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"/> LAC1-YD	<input type="checkbox"/> TYPE III PG - III	<input type="checkbox"/> 150		<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"/> LAC1-YE	<input type="checkbox"/> TYPE V PG - V	<input type="checkbox"/> 100		<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 250W)
<input type="checkbox"/> LAC1-YF		<input type="checkbox"/> 70T ¹		<input type="checkbox"/> 480	<input type="checkbox"/> 4-90		<input type="checkbox"/> HOUSE SIDE SHIELD 90° HS90° 135° HS135° 180° HS180°
(100W MAX)	INTERNAL LOUVER	LAC2			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"/> LAC2-YA	<input type="checkbox"/> TYPE V IL - V	<input type="checkbox"/> 100			<input type="checkbox"/> WM	SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY TPR
<input type="checkbox"/> LAC2-YB		<input type="checkbox"/> 70T ¹			POST TOP		<input type="checkbox"/> SINGLE FUSE (120V, 277V) SF
<input type="checkbox"/> LAC2-YC		<input type="checkbox"/> 70			<input type="checkbox"/> PT		<input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) DF
<input type="checkbox"/> LAC2-YD		<input type="checkbox"/> 50					
<input type="checkbox"/> LAC2-YE							
<input type="checkbox"/> LAC2-YF							
		NOTES: 1 - G12 BASE 2 - HT OPTION REQUIRED AND INC. 3 - POSITION SENSITIVE - Use "U" OR "V" LAMPS ONLY. NOT "VBU" RATED.					