

# H.I.D. AREA LIGHTING

## LAFC 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, <.02% 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 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.

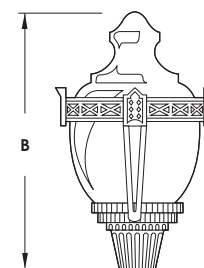
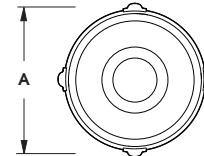
PROJECT NAME: \_\_\_\_\_

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



LAFC

PATENT PENDING



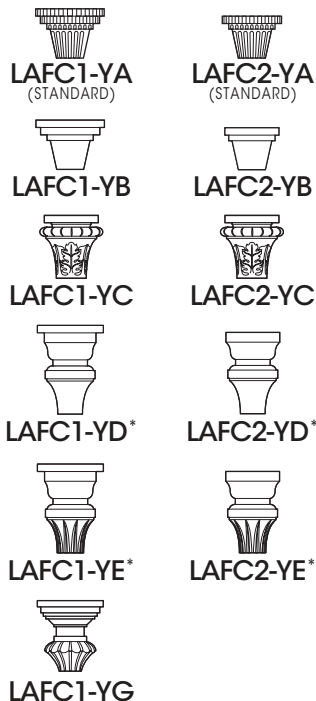
FIXTURE	A	B
LACF1*	18.5" 470mm	32" 813mm
LACF2*	17" 432mm	28" 711mm

\* WITH STANDARD -YA FITTER

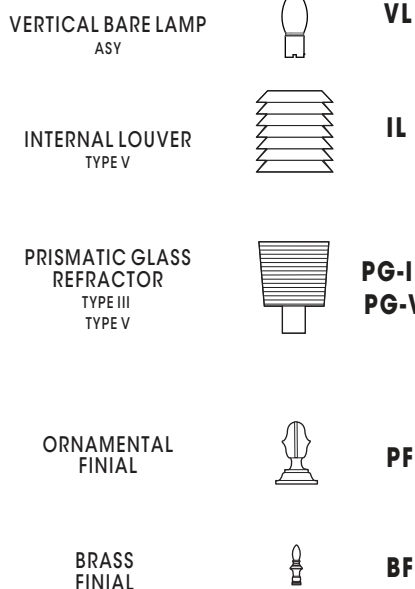
# L AFC SERIES - HID

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

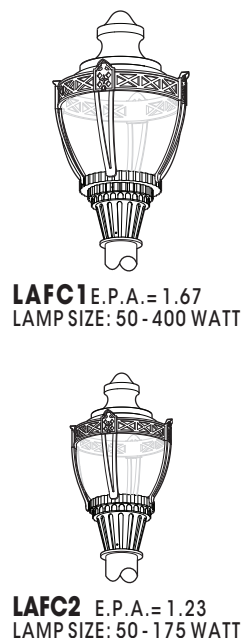
### OPTIONAL FITTERS



### OPTIONAL COMPONENTS



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



Spec/Order Example: L AFC1-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
LUMINAIRE	OPTICS	LAMP			MOUNTING	FINISH	OPTIONS
LUMINAIRE-FITTER	VERTICAL BARE LAMP	WATTAGE	TYPE	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	
<input type="checkbox"/> L AFC1-YA <input type="checkbox"/> L AFC1-YB <input type="checkbox"/> L AFC1-YC <input type="checkbox"/> L AFC1-YD <input type="checkbox"/> L AFC1-YE <input type="checkbox"/> L AFC1-YG  <input type="checkbox"/> L AFC2-YA <input type="checkbox"/> L AFC2-YB <input type="checkbox"/> L AFC2-YC <input type="checkbox"/> L AFC2-YD <input type="checkbox"/> L AFC2-YE	<input type="checkbox"/> TYPE SYMMETRIC VL - SYM .....  <input type="checkbox"/> GLASS REFRACTOR <input type="checkbox"/> TYPE III PG - III ..... <input type="checkbox"/> TYPE V PG - V .....  <input type="checkbox"/> INTERNAL LOUVER <input type="checkbox"/> TYPE V IL - V .....  <input type="checkbox"/> WIDE ANGLE LOUVER SYSTEM <sup>1</sup> <input type="checkbox"/> TYPE V OPT - V .....	<b>L AFC1</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  <b>L AFC2</b> <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"/> 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"/> WM .....  <input type="checkbox"/> PT .....	<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  FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)  SEE USALTG.COM FOR ADDITIONAL COLORS	<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° <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		
NOTES: 2 - G12 BASE 3 - HT OPTION REQUIRED AND INC. 4 - POSITION SENSITIVE - Use "U" OR "V" LAMPS ONLY. NOT "VBU" RATED.							