H. I. D. A R E A L I G H T I N G
L A C S E R I E S - H I D
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.

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.
# LAC SERIES - HID

## Specifications

### Optional Fitters
- YA (Standard)
- YB
- YC
- YD
- YE

### Lamp Size
- 50 - 250 Watt
- 50 - 100 Watt

### LAC1
- E.P.A. = 1.36
- Lamp Size: 50 - 250 Watt

### LAC2
- E.P.A. = 1.14
- Lamp Size: 50 - 100 Watt

### Lamp Components
- Vertical Bare Lamp
- Internal Louver
- Prismatic Glass Refractor
- Ornamental Finial
- Brass Finial

### Optional Components
- Vertical Bare Lamp Assy
- Internal Louver Type V
- Prismatic Glass Refractor Type III
- Ornamental Finial
- Brass Finial

### Spec/Order Example:
LAC1-YD/IL-V/70PSMH240/4-90/RAL-7004/SF

### Optional Fitters
- YA
- YB
- YC
- YD

### Optional Components
- Vertical Bare Lamp Assy
- Internal Louver Type V
- Prismatic Glass Refractor Type III
- Ornamental Finial
- Brass Finial

### 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

### Luminaire Information

<table>
<thead>
<tr>
<th>Luminaire Type</th>
<th>Optics</th>
<th>Wattage</th>
<th>Type</th>
<th>Voltage</th>
<th>Mounting</th>
<th>Finish</th>
<th>Options</th>
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### Notations
- 1 – G12 base
- 2 – HT option required and inc.
- 3 – Position sensitive, use “U” or “V” lamps only. Not “VBU” rated.

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