

H.I.D. AREA LIGHTING

LAB 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.

CROWN

Decorative corrosion resistant cast aluminum (A356 alloy, <.02% copper) surround affixed to the acorn globe with stainless steel screws above the optical center and above the maximum diameter point.

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.

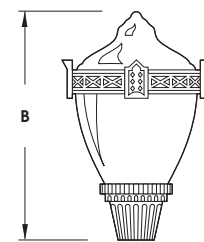
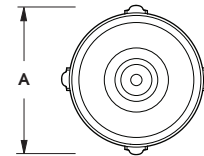
PROJECT NAME: _____

FIXTURE TYPE: _____




LAB

PATENT PENDING



| FIXTURE | A | B |
|---------|----------------|----------------|
| LAB1* | 17.5" 445mm | 29" 737mm |
| LAB2* | 15.5" 394mm | 25.5" 648mm |

* WITH STANDARD -YA FITTER

 Light Pollution Control Classification System
Full cutoff 0% Uplight Luminaire

 U.L. Listed for wet location

MADE IN THE


2015026

Sun Valley Lighting

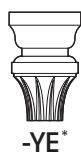
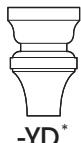
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LAB SERIES - HID

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



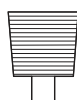
VL

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



LAB1 E.P.A.= 1.36
LAMP SIZE: 50 - 250 WATT



LAB2 E.P.A.= 1.14
LAMP SIZE: 50 - 100 WATT

Spec/Order Example: LAB1-YA/VL-SYM/70PSMH240/2-180/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"/> LAB1-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"/> LAB1-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"/> LAB1-YC | | <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"/> LAB1-YD | GLASS REFRACTOR | <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"/> LAB1-YE | <input type="checkbox"/> TYPE III PG - III | <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"/> LAB1-YF | <input type="checkbox"/> TYPE V PG - V | <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) | | <input type="checkbox"/> 70 | | | 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"/> LAB2-YA | INTERNAL LOUVER | LAB2 | | | <input type="checkbox"/> WM | SEE USALTG.COM FOR ADDITIONAL COLORS | <input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY TPR |
| <input type="checkbox"/> LAB2-YB | <input type="checkbox"/> TYPE V IL - V | <input type="checkbox"/> 100 | | | <input type="checkbox"/> PT | | <input type="checkbox"/> SINGLE FUSE (120V, 277V) SF |
| <input type="checkbox"/> LAB2-YC | | <input type="checkbox"/> 70T ¹ | | | | | <input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) DF |
| <input type="checkbox"/> LAB2-YD | | <input type="checkbox"/> 70 | | | | | |
| <input type="checkbox"/> LAB2-YE | | <input type="checkbox"/> 50 | | | | | |
| <input type="checkbox"/> LAB2-YF | | | | | | | |

NOTES:
1 - G12 BASE.
2 - HT OPTION REQUIRED AND INC.
3 - POSITION SENSITIVE - Use "U" OR "V"
LAMPS ONLY. NOT "VBU" RATED.