H.I.D. AREA LIGHTING

LAA SERIES-HID

SPECIFICATIONS

PROJECT NAME:

FIXTURE TYPE:

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 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.

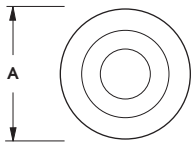
ELECTRICAL COMPARTMENT/MODULE
Spun aluminum enclosure creates separate compartment or ballast components and serves as mounting platform for the lamp socket locating the lamp at the proper optical center for the acorn/globe. All electrical components are UL and cUL recognized are mounted on a single 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.

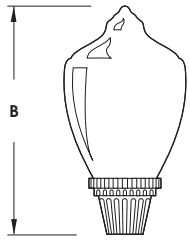
FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

LAA

* SHOWN WITH STANDARD **-YA** FITTER

PATENT PENDING





FIXTURE	A	B
LAA1*	15.5" 394mm	29" 737mm
LAA2*	13.5" 343mm	25.5" 648mm

* WITH STANDARD **-YA** FITTER

LPC 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

LAA SERIES - HID

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

OPTIONAL FITTERS

-YA
(STANDARD)

-YB

LAA2-YN

-YC

-YD*

LAA2-YO*

-YE*

-YF

LAA2-YP*

*AVAILABLE WITH TWIST LOCK PHOTOCELLS
***SEE OPTIONS**

OPTIONAL COMPONENTS

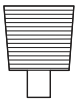
VERTICAL BARE LAMP
ASY

VL

INTERNAL LOUVER
TYPE V

IL

PRISMATIC GLASS REFRACTOR
TYPE III
TYPE V


PG-III
PG-V

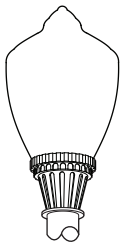
ORNAMENTAL FINIAL

PF

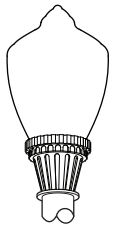
BRASS FINIAL

BF

E.P.A. & LAMP WATTAGE



LAA1 E.P.A.= 1.35
LAMP SIZE: 50 - 250 WATT



LAA2 E.P.A.= 1.13
LAMP SIZE: 50 - 100 WATT

Spec/Order Example: LAA1-YC/PG-III/70HPS240/PT/RAL-7004-T

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

(250W REQUIRES "HT" OPTION)

- ☐ **LAA1-YA**
- ☐ **LAA1-YB**
- ☐ **LAA1-YC**
- ☐ **LAA1-YD**
- ☐ **LAA1-YE**
- ☐ **LAA1-YF**

*175W MAX.

(100W MAX)

- ☐ **LAA2-YA**
- ☐ **LAA2-YB**
- ☐ **LAA2-YC**
- ☐ **LAA2-YD**
- ☐ **LAA2-YE**
- ☐ **LAA2-YF**
- ☐ **LAA2-YN***
- ☐ **LAA2-YO***
- ☐ **LAA2-YP***

OPTICS

VERTICAL BARE LAMP

- ☐ TYPE SYMMETRIC **VL - SYM** .....

GLASS REFRACTOR

- ☐ TYPE I I I **PG - I I I** .....
- ☐ TYPE V **PG - V** .....

INTERNAL LOUVER

- ☐ TYPE V **IL - V** .....

LAMP

WATTAGE	TYPE	VOLTAGE
LAA1		
☐ **250**[2]	☐ **PSMH**	☐ **120**
☐ **175**[3]	☐ **HPS**	☐ **208**
☐ **150T**[1]		☐ **240**
☐ **150**		☐ **277**
☐ **100**		☐ **347** (CAN)
☐ **70T**[1]		☐ **480**
☐ **70**		
☐ **50**		
LAA2		
☐ **100**		
☐ **70T**[1]		
☐ **70**		
☐ **50**		

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

MOUNTING

ARM MOUNT

- ☐ **1** .....
- ☐ **2-180** .....
- ☐ **2-90** .....
- ☐ **3-90** .....
- ☐ **3-120** .....
- ☐ **4-90** .....

WALL MOUNT

- ☐ **WM** .....

POST TOP

- ☐ **PT** .....

FINISH

STANDARD TEXTURED FINISH

- ☐ BLACK **RAL-9005-T**
- ☐ WHITE **RAL-9003-T**
- ☐ GREY **RAL-7004-T**
- ☐ DARK BRONZE **RAL-8019-T**
- ☐ GREEN **RAL-6005-T**

FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)

SEE USALTG.COM FOR ADDITIONAL COLORS

OPTIONS

- ☐ CLEAR POLYCARBONATE (STANDARD) ..... **CP**
- ☐ OPAL POLYCARBONATE .. **WP**
- ☐ ORNAMENTAL FINIAL. .... **PF**
- ☐ BRASS FINIAL. ..... **BF**
- ☐ HEAT SHIELD ..... **HT** (REQUIRED FOR 250W)
- ☐ HOUSE SIDE SHIELD
  - 90° ..... **HS90°**
  - 135° ..... **HS135°**
  - 180° ..... **HS180°**
- ☐ PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) .... **PC+V**
- ☐ TWIST LOCK RECEPTACLE ONLY. ..... **TPR**
- ☐ SINGLE FUSE (120V, 277V) ..... **SF**
- ☐ DOUBLE FUSE (208V, 240V, 480V) ..... **DF**

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