SOLID STATE AREA LIGHTING

LAA SERIES-LED

SPECIFICATIONS

LUMINAIRE
One piece high impact polycarbonate patterned diffusing globe provided with durable corrosion resistant cast aluminum fitter. Standard fitter has 3" I.D. opening for tenon. All hardware is Stainless Steel.

LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED’s and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube’s internal components.

ANGLED POWER ARRAY™: Micro-Reflectors mounted around each LED control the raw light output. LED Tubes are uniquely aimed horizontally and vertically and combined to produce highly efficient IES Distribution Types II, III, IV and V. Used in conjunction with a clear patterned diffusing globe.

VERTICAL POWER ARRAY™ WITH GLASS REFRACTOR:
LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Array is secured within a 6" Prismatic Glass Refractor which provides the optical control. Used in conjunction with a clear patterned diffusing globe.

VERTICAL POWER ARRAY™:
LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with an opal patterned diffusing globe.

LED EMITTERS
High Output LED’s are driven at 350mA for nominal 1 Watt output each. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

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.

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAA1</td>
<td>15.5&quot;</td>
<td>28.5&quot;</td>
</tr>
<tr>
<td></td>
<td>394mm</td>
<td>724mm</td>
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<tr>
<td>LAA2</td>
<td>13.5&quot;</td>
<td>26&quot;</td>
</tr>
<tr>
<td></td>
<td>343mm</td>
<td>660mm</td>
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Sun Valley Lighting
# Specifications

## LAA Series - LED

### Optional Fitters
- **YB**
- **LAA1-YN**
- **YC**
- **LAA1-YO**
- **YD**
- **LAA1-YP**
- **YE**

*(Available with LAA1 only)*

*(Available with Mini Button PhotoCells)*

*See Options*

### Patent Pending

### LUMINAIRE-FITTER

<table>
<thead>
<tr>
<th>LUMINAIRE-FITTER</th>
<th>OPTICS</th>
<th># of LED’s</th>
<th>COLOR</th>
<th>VOLTAGE</th>
<th>MOUNTING</th>
<th>FINISH</th>
<th>OPTIONS</th>
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<tbody>
<tr>
<td><strong>APA</strong></td>
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### LED Power Array™ Modules

#### LAA1 - LED
**E.P.A. = 1.35**

**Angled Array**
- Available in: 8 Array 48 LED Max.

**Glass Refractor w/ Vertical Array**
- Available in: 6 Array 36 LED Max.

**Vertical Array**
- Available in: 6 Array 48 LED Max.
- 8 Array 64 LED Max.

#### LAA2 - LED
**E.P.A. = 1.13**

**Angled Array**
- Available in: 8 Array 48 LED Max.

**Glass Refractor w/ Vertical Array**
- Available in: 6 Array 36 LED Max.

**Vertical Array**
- Available in: 6 Array 48 LED Max.
- 8 Array 64 LED Max.

### Ordering Information

<table>
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<tr>
<th>LUMINAIRE-FITTER</th>
<th>OPTICS</th>
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</tbody>
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### Luminaire-Fitter

#### LAA1-Led Ya
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA1-Led Yb
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA1-Led Yc
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA1-Led Yd
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA1-Led Yn
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA1-Led Yo
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA1-Led Yp
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA2-Led Ya
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA2-Led Yb
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA2-Led Yc
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA2-Led Yd
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

#### LAA2-Led Yn
- **APA - II**
- **APA - III**
- **APA - IV**
- **APA - V**

### Optics

#### LED

<table>
<thead>
<tr>
<th>LED</th>
<th># of LEDs</th>
<th>COLOR</th>
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<tbody>
<tr>
<td>LAA1</td>
<td>48LED (53 Watts)</td>
<td>NW (4000K)*</td>
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<tr>
<td>LAA1</td>
<td>32LED (36 Watts)</td>
<td>CW (5000K)</td>
</tr>
<tr>
<td>LAA2</td>
<td>48LED (53 Watts)</td>
<td>WW (3000K)</td>
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<tr>
<td>LAA2</td>
<td>32LED (36 Watts)</td>
<td>OTHER LED COLORS AVAILABLE FROM FACTORY</td>
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#### Voltage

<table>
<thead>
<tr>
<th>Voltage</th>
<th>120</th>
<th>208</th>
<th>240</th>
<th>277</th>
<th>347</th>
<th>480</th>
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### Mounting

#### Arm Mount

<table>
<thead>
<tr>
<th>Arm Mount</th>
<th>1</th>
<th>2-180</th>
<th>2-90</th>
<th>3-90</th>
<th>3-120</th>
<th>4-90</th>
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#### Wall Mount

<table>
<thead>
<tr>
<th>Wall Mount</th>
<th>WM</th>
<th>PT</th>
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</thead>
</table>

### Finish

#### Standard Textured Finish

|--------------------------|------------------|------------------|------------------|--------------------------|------------------|

### Options

### LENS OPTIONS:

- **CLEAR PATTERNED POLYCARBONATE**
- **OPAL PATTERNED POLYCARBONATE**
- **BLACK RAL-9005**
- **WHITE RAL-9003**
- **GREY RAL-7004**
- **DARK BRONZE RAL-8019**
- **GREEN RAL-6005**
- **ORNAMENTAL FINIAL**
- **DIMMABLE DRIVER(S)** (0-10V)
- **HOUSE SIDE SHIELD**
- **HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR**
- **PHOTO CELL + VOLTAGE** (EXAMPLE: PC120V)
- **10KV SURGE PROTECTOR**
- **20KV SURGE PROTECTOR**
- **10SP**
- **20SP**

**For Smooth Finish: Remove Suffix "T"**

See USALTG.com for additional options.

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