Illumination of Details

Offering distinctive designs, signature accents and uncompromising performance — Lithonia Lighting is known as the best value in lighting. Lithonia Outdoor Products are as versatile as they are reliable, and with the Aeris Architectural Outdoor family innovative and inspirational designs create a complete outdoor lighting solution.

Style – Versatility – Performance

The streamlined combination of fluid surfaces and hard-edge accents found in the Aeris family create a vibrant and exciting architectural experience. Every precisely engineered luminaire is built with superior construction and advanced optics to meet the highest of performance standards. From the parking lot to the building entrance, Aeris allows the designer to provide optimum lighting solutions with a seamless, design-coordinated appearance that sets a new standard in outdoor lighting.
Meticulous attention to reflector design and construction integrity characterize the Aeris Flood Luminaire. An expansive array of highly controlled distribution patterns allow flexibility in performance to complement and accentuate architectural details. The top-of-the-line optical performance, uncompromised construction and a multitude of mounting options establish the Aeris Flood Luminaire as the highest value in architectural floodlighting.

**STYLE**

The Aeris Flood Luminaire compliments the stylish form of the Aeris family by sharing similar aesthetic details, yet remains subtle enough to blend with a variety of architectural elements. The Aeris Flood creates dramatic or understated night-time effects without compromising architectural or environmental spaces.

**VERSATILITY**

Designed to provide optimum flexibility and to meet the needs of a variety of applications, Aeris Flood Luminaires:

- Provide a broad selection of wattages and sources offered in two housing sizes
- Allow precise lighting control with 8 beam patterns in small housings and 7 in large housings
- Accommodate an extensive array of applications with multiple mounting configurations and accessory options
- Ensure corrosion resistance and IP66 certification with superior construction

**ASF1**

- 50 – 175 watt lamps
- Metal Halide
- High Pressure Sodium
- Compact Fluorescent

**ASF2**

- 200 – 400 watt lamps
- Metal Halide
- High Pressure Sodium
PERFORMANCE

Aeris Flood optics provide designers with a unique ability to match optical performance with specific lighting needs. The Aeris optical platform offers a choice for delivering illumination tailored to a broad range of architectural lighting applications.

MULTIPLE DISTRIBUTIONS

**NARROW SPOT**
Narrow, concentrated beam with a long throw to highlight focal points and building details, or accentuate columns.

**SPOT**
Tight beam to provide strong accents, or cast light onto small objects from distant locations.

**HORIZONTAL SPOT**
Wide horizontal, short vertical beam to accent horizontal architecture and signage or graze building facades.

**MEDIUM FLOOD**
All-purpose distribution with horizontal beam to highlight horizontal signage, or facade and wall washing applications.

**WIDE FLOOD**
Widest uniform coverage pattern for facade lighting and general area lighting.

**VERTICAL FLOOD NARROW**
Tall, vertical beam with short setback to accentuate tall architecture or illuminate walls with ground-mounted fixtures.

**VERTICAL FLOOD WIDE**
Tall, vertical beam with setbacks further away from building for facade lighting or floodlighting large surfaces.

**COMPACT FLUORESCENT**
Similar to the HID wide flood, provides wide uniform coverage with an efficient compact fluorescent source (ASF1 only).
Superior optical performance and dependability result in floodlighting excellence that meets the strictest of lighting requirements. With a combined total of 15 beam patterns to choose from in small and large housings and a wide variety of shielding and glare control accessories, Aeris Flood optics allow for precise lighting control specifically suited to the application.

### AERIS FLOOD OPTICAL PERFORMANCE DATA

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>WATTAGE</th>
<th>DISTRIBUTION</th>
<th>NEMA (H x V)</th>
<th>BEAM ANGLE (H x V)</th>
<th>FIELD ANGLE (H x V)</th>
<th>EFFICIENCY %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASF1</td>
<td>175M</td>
<td>NSP</td>
<td>1 X 2</td>
<td>6 X 13</td>
<td>15 X 28</td>
<td>64</td>
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<tr>
<td></td>
<td></td>
<td>SP</td>
<td>2 X 3</td>
<td>12 X 14</td>
<td>21 X 31</td>
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<td></td>
<td></td>
<td>HSP</td>
<td>5 X 4</td>
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<td>WDF</td>
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<td>149 X 125</td>
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<tr>
<td></td>
<td></td>
<td>VFN</td>
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<td>79 X 35</td>
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<td>66</td>
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<tr>
<td></td>
<td></td>
<td>VFW</td>
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<td>90 X 63</td>
<td>138 X 119</td>
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<tr>
<td></td>
<td>70TRT</td>
<td>WDF</td>
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<td>99 X 73</td>
<td>143 X 122</td>
<td>69</td>
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<tr>
<td></td>
<td>2/57TRT</td>
<td>WDF</td>
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<td>101 X 85</td>
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<tr>
<td>ASF2</td>
<td>400M</td>
<td>NSP</td>
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<td>9 X 18</td>
<td>18 X 35</td>
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<td></td>
<td>SP</td>
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<td>15 X 16</td>
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<td></td>
<td>VFW</td>
<td>7 X 6</td>
<td>101 X 56</td>
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</tr>
</tbody>
</table>

**AERIS FLOOD LUMINAIRE OPTICS ARE PRECISELY ENGINEERED TO PROVIDE**

- Superior uniformity and a clean appearance
- Optical choice to meet the demands of any application
- Quick access to electrical components with tool-less, interchangeable reflectors
- Further control and reduction of unwanted glare with a variety of optional shielding

A pair of ASF1’s beautifully accent this natural setting with 175W wide floods.
50-175 Watt
ASF1

200-400 Watt
ASF2

THE BEST VALUE IN FLOODLIGHTING
Architectural style meets precisely engineered details in the Aeris Flood. Quality construction materials combined with innovative mechanical features deliver a product that is built to last. The Aeris Flood provides the reliability and integrity of an IP66 certification, ensuring the ability to withstand the rigors of the outdoor elements over time.

**PRODUCT INTEGRITY**

- Four attachment points on door frame are positioned outside the primary gasket channel and provide even compression across the face of the housing. This attention to detail prevents moisture, dust and insects from compromising the seal of the main fixture housing.

**IP66 Certification**

- Reflector pan designed for quick, tool-less removal
- Four points of closure on door frame ensure a quality seal
- Tempered glass lens
- Optics centered in housing
- Quick disconnect for ease of maintenance
- One-piece low copper alloy die-cast aluminum construction
- Door frame securely hinges down for ease of maintenance
- Knuckle assembly styled to complement housing design
- Arrow indicators are cast in the top knuckle to assist in aiming at standard angles of 0, 40 and 90 degrees

* The ASF1 featured is installed on the AFJB option.
Advanced mechanical details enhance the ease of installation and maintenance, while also preventing the intrusion of unwelcome environmental contaminants.

**EASY INSTALLATION & MAINTENANCE**

- **Use of common tools**
  - Four captive screws allow access to inside of luminaire with 3/16" allen head wrench

- **Reflectors snap out**
  - Reflectors quickly release from housing without tools

- **Quick access to components**
  - Access to internal components for service and maintenance is quick and easy

- **Easy to maintain**
  - Easily adjust and aim the luminaire utilizing the same tool used to open the door frame
Mounting

The versatility of mounting options and aiming capabilities of the Aeris Flood provide quality lighting that will stand up in any given application.

- Up to 171 degree aiming with standard mounting
- Mounting mechanism features infinite locking points for aiming precision
- Optional Yoke Mount available with compact cast aluminum yoke adaptor to maintain fixture aesthetics

### STANDARD & OPTIONAL MOUNTS

<table>
<thead>
<tr>
<th>ASF1</th>
<th>ASF1 &amp; ASF2</th>
<th>ASF2</th>
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<tbody>
<tr>
<td><strong>THREADED KNUCKLE</strong></td>
<td><strong>YOKE</strong></td>
<td><strong>SWIVEL</strong></td>
</tr>
<tr>
<td><img src="image1" alt="Standard Threaded Knuckle" /></td>
<td><img src="image2" alt="Optional Steel Yoke" /></td>
<td><img src="image3" alt="Standard Steel Swivel" /></td>
</tr>
</tbody>
</table>

- Cast aluminum threaded knuckle (threaded nipple shown ships with mounting accessories)
- Cast aluminum adaptor with painted steel yoke provided with three feet of 16/3 cord for supply connection
- Heavy-duty cast aluminum swivel with integral wiring compartment, fits over standard 1-1/2” (1-7/8” O.D.) to 2” (2-3/8” O.D.) tenon
HOW TO SPECIFY

Choose the boldface catalog nomenclature that best suits your needs and write in on the appropriate line.

<table>
<thead>
<tr>
<th>SERIES</th>
<th>WATTAGE/SOURCE</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASF1</td>
<td>METAL HALIDE</td>
<td>HIGH PRESSURE SODIUM</td>
</tr>
<tr>
<td></td>
<td>500W</td>
<td>50S</td>
</tr>
<tr>
<td></td>
<td>700W</td>
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<tr>
<td></td>
<td>4000W</td>
<td>400S</td>
</tr>
<tr>
<td>AF2</td>
<td>METAL HALIDE</td>
<td>HIGH PRESSURE SODIUM</td>
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<tr>
<td></td>
<td>2000W</td>
<td>200S</td>
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<td>3500W</td>
<td>350S</td>
</tr>
<tr>
<td></td>
<td>4000W</td>
<td>400S</td>
</tr>
</tbody>
</table>

DISTRIBUTIONS

- NSP Narrow Spot
- SP Spot
- HSP Horizontal Spot
- MDF Medium Flood
- WDF Wide Flood
- VFN Vertical Flood Narrow
- VFW Vertical Flood Wide

FINISH

- STANDARD
  - DDBT Dark Bronze
  - DNAT Natural Aluminum
  - DWHG White
  - DBLB Black

- OPTIONAL
  - DBNH Bronze
  - DSPD Dark Gray
  - DSPU Light Gray
  - DSPG Dark Red
  - DSPF Rust
  - DSPH Red

- Shipped Installed In Fixture
  - SF Single Fuse (120V, 277V, 347V; n/a TB or TBV)
  - DF Double Fuse (208V, 240V, 480V; n/a TB or TBV)
  - GMF Internal Slow-blow Fusing (n/a with MVOLT; CFL only)
  - EC Emergency Circuit (100W max, lamp not included)
  - EC1 Emergency Circuit (100W max, lamp included)
  - QRS Quartz Restrike System (100W max, lamp not included)
  - QRSTD Quartz Restrike Time Delay (100W max, lamp not included)
  - CH Enhanced Corrosion Resistance
  - CRT Non-stick Protective Coating (black only)
  - PE Photoelectric Cell, Button Type (n/a 480, TB, TBV or MVOLT)
  - CSA Listed and labeled to comply with Canadian Standards
  - NOM Certified
  - SCWA Super CWA Pulse Start Ballast
  - HRBW HID Outdoor Remote Ballast Weatherproof (black)
  - HRB HID Indoor Remote Ballast (white)

OPTIONS

- Glare Shields (upper or bottom visor)
- Egg Crate Visor
- Full Visor
- Barn Doors
- Vandal Guard
- Full Visor & Vandal Guard

NOTES

1 May be ordered with SCWA
2 Must be ordered with SCWA
3 ED-28 reduced jacket lamp required
4 Not available with NSP or SP distributions
5 Available with WDF distribution only
6 Consult factory for availability in Canada
7 Optional multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada ships as 120/347)
8 Optional fine-tap ballast (120, 208, 240, 277, 480V; not available in Canada)
9 Multi-volt electronic ballast for compact fluorescent; ships standard on CFL wattages
10 ASF2 only; EC, QRS and QRSTD options can not be ordered together
11 ASF1 Only
12 Must be ordered with fixture; can not be field installed
13 Not available with HPS or CFL
14 Consult factory for availability
15 Additional architectural colors available
16 Can be field installed
## Standard Mounts

**Shipped Installed in Fixture**

- **(BLANK)** Threaded Knuckle (STANDARD / ASF1)
- **(BLANK)** Swivel (STANDARD / ASF2)
- **YK** Yoke Mount

## Optional Mounts

**Shipped Separately**

### Threaded Knuckle - 3/4” NPT*

<table>
<thead>
<tr>
<th>Mount Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANCHION MOUNT</td>
<td>AFSTMTHK</td>
</tr>
<tr>
<td>WALL MOUNT ARM</td>
<td>AFWMATHK</td>
</tr>
<tr>
<td>TWIN MOUNTING BAR</td>
<td>AFTMBTHK</td>
</tr>
<tr>
<td>WALL MOUNT PLATE</td>
<td>AFWMPTHK</td>
</tr>
</tbody>
</table>

- Secures with mounting plate to desired horizontal, solid surface to mount fixture as partially buried or above grade; Stanchion extends above ground 21-1/2”
- Extends the fixture 13-1/4” away from wall or other vertical surface
- Installs to 2-3/8” O.D. tenon; Mounting bar secures two floods on single bracket for ground mount or pole mount applications
- Adapts to standard 4” square or octagonal junction boxes for flush wall mounting applications

### Threaded Knuckle - 3/4” NPT*

<table>
<thead>
<tr>
<th>Mount Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CROSS-ARM ADAPTOR</td>
<td>FCRA45</td>
</tr>
<tr>
<td>POLE MOUNTING BRACKET</td>
<td>FPMB</td>
</tr>
</tbody>
</table>

- Provides a decorative transition from the fixture to mounting surface creating a flush, clean appearance
- Allows the fixture to be mounted to 2-3/8” O.D. tenon and all tenon equipped accessories
- For mounting 45° from horizontal; Yoke mounting is required on the fixture
- Versatile mounting bracket for fixtures with yoke mount option; The bracket installs onto a variety of mounting surfaces including walls, poles or pipes

### Swivel - Tenon Slipfitter 2-3/8” O.D.

<table>
<thead>
<tr>
<th>Mount Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANCHION MOUNT</td>
<td>AFSTM</td>
</tr>
<tr>
<td>WALL MOUNT ARM</td>
<td>AFWMA</td>
</tr>
<tr>
<td>TWIN MOUNTING BAR</td>
<td>AFTMB</td>
</tr>
<tr>
<td>TENON BASE MOUNT</td>
<td>AFTM</td>
</tr>
</tbody>
</table>

- Secures with mounting plate to desired horizontal, solid surface to mount fixture as partially buried or above grade; Stanchion extends above ground 21-1/2”
- Extends the fixture 13-1/4” away from wall or other vertical surface
- Installs to 2-3/8” O.D. tenon; Mounting bar secures two floods on single bracket for ground mount or pole mount applications
- Secures with mounting plate to desired horizontal, solid surface for ground mount applications

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* 3/4” threaded nipple supplied with Threaded Knuckle optional mounting accessories