Exterior grade sconces with unmatched design flexibility and lighting performance.

ENERGY EFFICIENCY

The light sources employed in the eSconce family of fixtures are the most efficient sources commercially available today. The reflectors are designed to direct the illumination on the ground with no stray light which translates into wasted energy. The result is more light with less energy consumption.

LONGEVITY

AAL manufactures all its products to have a life span as long as the building or space they illuminate. The primary material used for all our products is aluminum to resist corrosion and the need for maintenance. Aluminum will not need the periodic refinishing required of steel products that will eventually rust and corrode. All our internal parts and fasteners are made of aluminum or stainless steel. The lamp enclosures are kept dust free and dry to prevent light degradation and maintain a high level of energy efficiency.

SUSTAINABILITY

AAL develops our products with recycling and resource management in mind. We recycle all incoming packaging materials. Our products are shipped in easy to recycle packaging materials. Our state of the art finishing system uses eco friendly cleansing and preparation chemicals that are harmless enough to send to the drain without further processing. Our powder coating process eliminates the release of volatile chemicals into the atmosphere. AAL makes the eSconce family, like all AAL products, with renewable materials such as aluminum and stainless steel.

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AAL is a registered continuing education provider.

The eSconce® & mini eSconce™ are registered and protected by numerous patents granted by the United States Patent Office.

U.S. Patents D426,665; D429,362; D429,020; D430,329

The eSconce is a registered trademark of Architectural Area Lighting.

© 2009 Architectural Area Lighting.
The eSconce® luminaire is designed to convert an unwelcome but necessary object on the building’s surface into an integral design element.

The eSconce series provides versatile, high performance lighting to meet the practical aspects of illuminating a site without scarring the building surface with an unattractive wall pack. Optional fascia panels and colored lenses transform the eSconce series into a decorative accent while retaining the benefits of its high performance.
**eSconce® mini**

- **ES1** - uplight or downlight
- **ES2** - uplight + downlight
  - Lamps
    - Metal Halide - 50 to 150 watts, ED-17 and T-6 lamps
    - High Pressure Sodium - 50 to 150 watts, ED-17 lamps
- **ES3** - uplight, downlight, or uplight + downlight
  - Lamps
    - Compact Fluorescent: 1 or 2 PLT lamps 26, 32 or 42 watt
    - Light Emitting Diode (LED): 36 LED array or
      - 36 LED array primary
      - 18 LED array secondary

**Optical Systems**

The ES1 and ES2 are available with four precise optical systems for use with metal halide or high pressure sodium lamps. The T-6 ceramic metal halide lamps can be specified to ensure color accuracy and consistency. The ES3 utilizes 26, 32, or 42 watt compact fluorescent lamps with a Type 3 reflector, or 36 watt compact fluorescent lamps with a Type 2 reflector.

**Optional LDL lens**

The lightly diffused lens reduces the overall brightness of the fixture reflector. This lens eliminates discomfort glare when using HID lamps or LEDs at low mounting heights or when the viewing angle allows a direct line of sight into the reflector.

**ME1** - one lamp uplight and/or downlight
- **ME2** - two lamps uplight and/or downlight
  - Lamps
    - Compact Fluorescent: 1 or 2 PL-C 13 watt lamps
    - Light Emitting Diodes: 5 watt array

The standard mini-eSconce has a fully luminous front cover made of impact resistant opal acrylic. The soft surface illumination increases the vertical illumination for hallways and entrances. The optional painted aluminum panel mimics the design of the larger eSconce.
An Optional Palette of Fascias, Colors and Finishes

Full overlay panels are available options in painted aluminum, stainless steel or natural copper. The panels are permanently attached to the standard fixture door with no visible fasteners for a clean, finished appearance.

**Fascias, Colors and Finishes**

- **Full Overlay Panel with Perforated Center**
  - **Perforated Painted Finish**
  - **Perforated Stainless Steel**
  - **Perforated Natural Copper**

- **Full Overlay Panel with 4 Squares**
  - **4-Square Painted Finish**
  - **4-Square Stainless Steel**
  - **4-Square Natural Copper**

**Esconce with Center Overlay Panel**

- **Standard Esconce with a luminous center lens**
- **Internal Gel Filter**
- **Edge lit acrylic ribs**

- **Standard miniEsconce with fully luminous fascia**
- **miniEsconce painted aluminum fascia with center window**
- **miniEsconce painted aluminum blank fascia**

- **eSconce painted aluminum fascia with center window**
- **eSconce with Center Overlay Panel**
  - **Perforated**
  - **4-Square**
  - **Blank Front**

- **Full Overlay Panels**
  - **Painted Finish**
  - **Stainless Steel**
  - **Natural Copper**

- **Perforated Natural Copper**
- **Perforated Painted Finish**
- **Perforated Stainless Steel**

- **4-Square Natural Copper**
- **4-Square Painted Finish**
- **4-Square Stainless Steel**

- **4-Square SMP option**
- **4-Square SM4 option**
- **Blank Front SMB option**
Add Edge Lit Acrylic Ribs for a Neon Appearance

The optional luminous grill assembly fits over the front lens to add visual interest day or night. This option can be combined with the gel filter option to add color to the luminous ribs.

Add Color to the Front Fascia Lens

An optional internal gel filter holder can be added to the eSconce to add color to the luminous front lens. The holder can be field installed, even after installation for added flexibility. The gel filter can also be easily changed to a different color. Gel filters are readily available in a wide variety of colors and are...

The ES2 has an indirect component for soft secondary illumination. The universal mount design of the eSconce allows the indirect component to be oriented either in the up or down position. A molded glass spread lens casts an even, streak-free glow on the wall.

All mini•eSconce models can be converted to an uplight and downlight configuration by removing an internal cover plate. The ME2 shown has the optional aluminum fascia panel to mimic the appearance of the standard eSconce luminaire.

No special ordering is required to use the eSconce or mini•eSconce in the uplight or downlight position. Both are wet location listed in either the up or down position to accommodate changes in the field during construction.

The eSconce® mini•eSconce™
Universal Mounting

Luminous Accents

All mini•eSconce models can be converted to an uplight and downlight configuration by removing an internal cover plate. The ME2 shown has the optional aluminum fascia panel to mimic the appearance of the standard eSconce luminaire.
The versatility of the eSconce® luminaire allows you to carry the exterior lighting theme into the interior setting. With multiple options, the eSconce utilizes lighting as a design element to the interior structure.

Aesthetically designed for the public side, yet rugged and cost effective for the business side.
The eSconce’s emergency lighting options illuminate corridors, building entrances and exterior passages for added safety and security. Most local and national building codes now require a lighted path to a designated safe area away from the building, not just to an entrance or exit door.

The eSconce® eliminates the need for secondary fixtures used as emergency egress lighting. All emergency lighting options are installed in the housing, thereby eliminating external compartments or secondary fixtures which result in extra material and labor costs.

Two eSconce egress options are available for use with metal halide or high pressure sodium HID lamps. Not available with LED.

The ES3 eSconce and the mini•eSconce use compact fluorescent lamps and LEDs that restart instantly after a momentary power loss.

For applications requiring an emergency backup power supply, the ES3 compact fluorescent eSconce can be equipped with the BBU option.

- BBU – Battery backup powers a compact fluorescent lamp for up to 90 minutes during a power failure. Output of the 26 watt lamp will be 450 lumens. Output of the 32 watt lamp will be 575 lumens. Output of the 42 watt lamp will be 750 lumens. Not available with HID or LED.
The eSconce luminaire is completely sealed from the elements, including insects and dirt that can enter the fixture through the conduit. The back of the eSconce has a silicone plug to prevent contamination from ever entering the fixture.

- Precision die-cast aluminum construction.
- All internal brackets and reflector components are aluminum.
- All gaskets are one-piece memory retentive molded silicone to prevent degradation resulting from heat or exposure to the elements.
- All internal and external hardware is stainless steel.

No tools are required to access the lamp - just flip forward the spring loaded latch. The ballast module can be removed by loosening two screws and lifting off the module. The molded, tempered glass lens is crowned to allow proper water run-off when used in an up orientation.

Optional Surface Mounted Conduit Box

SCB
Surface Conduit Box
The low profile design keeps the fixture visually anchored to the wall. The box is concealed behind the fascia of the fixture. The surface conduit box can be installed prior to the fixture installation.

1 Secure the cast back plate to a standard junction box. A quick disconnect plug is then wired to the electric power leads.
2 Plug the disconnect into the fixture. Hang the fixture onto the mounting plate. To mount as an uplight, simply turn the fixture upside down!
3 Tighten the two captive bolts to secure the fixture to the mounting plate.
### 1. FIXTURE

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#### ES1 UPLIGHT OR DOWNLIGHT - HID
- ES1-2 Type 2 distribution
- ES1-3 Type 3 distribution
- ES1-4 Type 4 distribution
- ES1-W Column lighter-narrow beam distribution

#### ES2 UPLIGHT AND DOWNLIGHT - HID
- ES2-2 Type 2 distribution, 90% primary - 10% secondary light ratio
- ES2-3 Type 3 distribution, 90% primary - 10% secondary light ratio
- ES2-4 Type 4 distribution, 90% primary - 10% secondary light ratio

#### ES3 COMPACT FLUORESCENT
- ES3-36LED-BW Up or down light, two 26, 32 or 42 watt, 4 pin lamps. Specify wattage. -18°C min start temp. 120 thru 277 volt.
- ES3-36LED-WW Up or down light, 36 light emitting diode array (37 watt). Warm white (3500K). 120 thru 277 volt.
- ES3-36LED-BWX Up and down light. Primary output 36 LEDs (37 watt). Secondary output 18 LEDs (18 watt). Warm white (3500K). 120 thru 277 volt. 60% primary - 40% secondary light distribution.
- ES3-54LED-WWX Up and down light. Primary output 36 LEDs (37 watt). Secondary output 18 LEDs (18 watt). Bright white (6100K). 120 thru 277 volt. 60% primary - 40% secondary light distribution.

### 2. LAMP/BALLAST

#### ES1 on ES2
- 50MH 50 watt metal halide, 120/277 volt ballast. Use medium base, ED-17 lamp.
- 70MH 70 watt metal halide, 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 70MHT6 70 watt metal halide, 120/277/347 volt ballast. Use G12 base, T6 ceramic lamp.
- 100MH 100 watt metal halide, 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150PSMH Pulse start 150 watt metal halide, 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150PSMHT6 Pulse start 150 watt metal halide 120/277 volt ballast. Use G12 base, T6 ceramic lamp.
- 50HPS 50 watt high pressure sodium, 120/277 volt ballast. Use medium base, ED-17 lamp.
- 70HPS 70 watt high pressure sodium, 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 100HPS 100 watt high pressure sodium, 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
- 150HPS 150 watt high pressure sodium, 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.

### 3. COLORS

For RAL and custom colors, please submit a 4-digit RAL number or color chip for custom colors.

### 4. OPTIONS

#### QRS
- Restrike controller and T-4 mini-can socket. (Lamp wattage not to exceed ballast wattage). Not available with LED.

#### QL
- Socket for T-4 mini-can lamp, field wired to a separate circuit. (Lamp wattage not to exceed ballast wattage). Not available with LED.

#### SCB
- Surface conduit box, 1/2" NPT inlets on each side. Gasketed cover, Comes standard in white.

#### LDL
- Lightly diffused glass lens to conceal the reflector and decrease visual brightness. Primary lens only.

#### BBU
- Battery backup powers a compact fluorescent lamp for up to 90 minutes during a power failure. Output of the 26 watt lamp will be 450 lumens. Output of the 32 watt lamp will be 575 lumens. Output of the 42 watt lamp will be 750 lumens. Not available with HID or LED.

#### 347
- 120/240/347 volt ballast for HID lamp/ballast except the 50 HPS which is a 120/347 volt ballast. Not available with LED.

#### GFH
- Gel filter holder to add color to the luminous front lens. The holder can be field installed. Filter size is 9.5"x240mm x 1.75"x50mm. A template of the filter size and shape is provided. The filters are not supplied or installed by AAL. Standard gel high temperature filters are available from Lee Filters (Burbank CA), ROSCO (Stanford CT) or others. Use high temperature filters for longer life.

### 5. FASCIA OPTIONS

#### Luminous Acrylic Ribs
- Edge lit acrylic grill assembly fits over the front lens. Can be combined with the gel filter holder option (GFH) to add color to the edges of the acrylic-

#### Metal Finishes
- On Full Panel Fascias
  - The stainless steel fascia panels have a #4 brushed finish with horizontal grain direction.
  - The copper fascia panels will patina over time.

#### Colors
- All standard and premium AAL colors available. For RAL and custom colors, please submit a 4-digit RAL number or color chip for custom colors.
- Not available with LED.

### Architectural Area Lighting
Specifications

**ELECTRICAL**
The ballast is mounted on a prewired module with a quick disconnect plug and removed by loosening two captive screws. HID ballasts are high power factor, rated for -30°C starting. Sockets are medium base, pulse rated porcelain. Compact fluorescent sockets for a 26, 32 or 42 watt lamp are 4 pin, GX24q-3,4, with an electronic ballast, -18°C starting. The CF ballast and LED driver will accept an input voltage of 120 thru 277 volts.

**FINISH**
 Fixture finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

**INSTALLATION**
To install the fixture, the die cast wall plate is secured to a octagonal j-box and wired to the power circuit. The fixture is plugged into a quick disconnect and then hooked onto the wall plate. Two captive screws are then tightened to secure the fixture to the wall plate.

**EISA COMPLIANCE**
AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

**CERTIFICATION**
The fixture is listed with ETL for outdoor, wet location use, in both an up and down orientation, UL1598 and Canadian CSA Std. C22.2 no.250. IP=65

**WARRANTY**
 Fixture is warranted for three years. Ballast components carry the ballast manufacturer’s limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

**Standard Mounting**
1. Attach the back plate to a standard octagonal box or the surface with the appropriate fastener.
2. Caulk between the back plate and wall with a recommended caulk or sealant.
3. Wire the supplied quick disconnect to the electric power leads. All eSconce fixtures are factory wired for 277 volts, unless specified. For other voltages, use an available capped ballast lead(s) for the desired voltage. Attach the new lead to the disconnect plug on the fixture and cap the 277 lead from the ballast.
4. Plug together the fixture and power lead disconnects.
5. Hang the fixture onto the mounting plate. Fixture can be oriented with the main lens up or down.
6. Tighten the two captive, 3/8-16 hex (allen) head bolts to secure the fixture to the mounting plate.

**Mounting the Optional Surface Conduit Box**
Attach the SCB to the wall prior to installing the fixture. A gasketed cover is included. The SCB is finished in white.

Note: Mounting hardware by others.
The values shown are in initial footcandles. Discount values to account for light losses due to voltage, temperature and atmospheric variations which affect light output.

To substitute another lamp in either chart, multiply the chart values by the lamp conversion factor. Mounting height is to the lamp center. All testing is performed by a certified independent laboratory.

**NOTE:** If using a lamp with different lumen output than listed above, consult AAL for conversion factor.
mini•eSconce™
Design Quality

Injection molded acrylic housing and cover is heat and shatter resistant. Will not turn yellow from UV exposure.

Full silicone gasket. Listed for wet location use.

Silicone plug prevents contaminants entering from the conduit or j-box.

Remove the cover plate to change to an uplight/downlight.

Easy Installation

Attach the mounting module to the housing and back housing.

Attach the housing to plate to the wall or j-box. Install the cover.

Connect the wire leads to the mounting plate.

Attach the lamp and push the silicone plug into the of the housing.

Injection molded acrylic housing and cover is heat and shatter resistant. Will not turn yellow from UV exposure.

Full silicone gasket. Listed for wet location use.

Silicone plug prevents contaminants entering from the conduit or j-box.

Remove the cover plate to change to an uplight/downlight.

mini•eSconce™ Ordering Information

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<tr>
<td>FIXTURE</td>
<td>COLOR</td>
<td>FASCIA PANEL (OPTIONAL)</td>
</tr>
<tr>
<td>ME-LED</td>
<td>BLK</td>
<td>FPP</td>
</tr>
</tbody>
</table>

1. FIXTURE

UPLIGHT • UPLIGHT + DOWNLIGHT
ME1 One lamp, 13 watt PL-C, 4 pin, twin tube lamp.
ME2 Two lamp, 13 watt PL-C, 4 pin, twin tube lamps. (One ballast supplied for both lamps)

Ballasts are electronic, 120 through 277 volts. Lamps not included.
ME-3LED-WW 3LED array (5 watt). Warm white (3500K). 120 thru 277 volt.
ME-3LED-BW 3LED array (5 watt). Bright white (5100K). 120 thru 277 volt.

2. COLOR

All standard and premium AAL colors available.
For RAL and custom colors, please submit a 4-digit RAL number or color chip for custom colors.

3. FASCIA PANELS

9SO 9 Square fascia panel with open center - painted aluminum
BLN 9 Square blank fascia panel - painted aluminum
FPP Perforated center fascia panel - painted aluminum
FPS Perforated center fascia panel - brushed # 4 stainless steel
FPC Perforated center fascia panel - natural copper
F4P 4 squares center fascia panel - painted aluminum
F4S 4 squares center fascia panel - brushed # 4 stainless steel
F4C 4 squares center fascia panel - natural copper

The fascia panels are attached by sliding the panel over the cover and locking down four corner tabs.

The fascia panels are attached by sliding the panel over the cover and locking down four corner tabs.

<table>
<thead>
<tr>
<th>1</th>
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<tbody>
<tr>
<td>9SO</td>
<td>9 square open center</td>
<td>painted aluminum</td>
</tr>
<tr>
<td>BLN</td>
<td>9 square blank</td>
<td>painted aluminum</td>
</tr>
<tr>
<td>perforated center</td>
<td>FPP - painted aluminum</td>
<td>FPC - copper</td>
</tr>
<tr>
<td>4 squares</td>
<td>FPS - stainless steel</td>
<td>F4P - painted aluminum</td>
</tr>
<tr>
<td>4 squares</td>
<td>F4S - stainless steel</td>
<td>F4C - copper</td>
</tr>
</tbody>
</table>
**mini•eSconce™ Specifications**

**FINISH**
The finish for the optional aluminum fascia covers consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 609.2 performance specification which includes passing a 2000 hour salt spray test for corrosion resistance.

**INSTALLATION**
To install the fixture, the housing is secured to an octagonal j-box and wired to the power circuit.

**EISA COMPLIANCE**
AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

**CERTIFICATION**
The fixture is listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no. 250. IP=54

**WARRANTY**
Fixture is warranted for three years. Ballast components carry the ballast manufacturer’s limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

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**HOUING**
The fixture housing is one piece injection molded acrylic with a lightly diffused finish. The front cover is opal, semi translucent injection molded acrylic. The cover is secured with two self tensioning latches for relamping and internal access. The rear electrical access has a molded silicone plug to completely seal the fixture from insects or dirt emanating from the electrical box or conduit. All internal and external hardware is stainless steel.

**REFLECTOR TRAY**
The reflector tray is formed aluminum finished in high reflectance white. The aluminum block off plate is removable for converting the fixture to an uplight or downlight configuration.

**ELECTRICAL**
The ballast is mounted on the reflector tray. The ballast is electronic for use with PL-C lamps; 4 pin, G24q-1 sockets. The ballast will accept an input voltage of 120 through 277 volts. The ME-LED shall use a 3LED module (5 watt) for 120 volt input.

**Photometry**
eSconce® Series