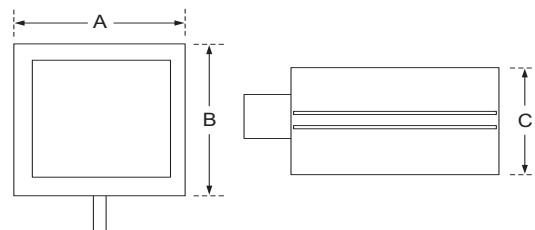


Dimensional Drawings



Fixture	A	B	C	Stripe	Max.Watts
AME-1	14"	14"	10"	2"	175w Flat Glass Only
AME-2	19"	19"	12"	2"	400w Flat Glass (Convex Glass Optional)
AME-3	23"	23"	13"	2"	1000w Convex Glass Only
AME-4	23"	23"	15"	2"	1000w Flat Glass Only

The **American Series** features the most advanced lighting reflector system available today. Vision™ is a patent-pending, revolutionary new reflector system unlike any other. The **flat lens, vertical lamp, IES full cut-off** luminaire is Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly outdoor lighting. (Convex glass lens is available when required.)

The clean, compact housing style features a decorative reveal available in complementary or contrasting colors. Computerized precision machinery and quality materials insure manufacturing to the highest industry standards.

American is offered in four enclosure sizes and five distribution patterns, including a special forward throw Type IV-A reflector for auto dealership front line lighting. VISION™ REFLECTOR SYSTEM allows the use of fewer fixtures and poles with wider spacings, providing substantial equipment, installation and energy cost savings.

American is a proven performer for auto dealerships, shopping centers, parking lots and general area lighting. A wide selection of light sources from 100 through 1000 watts are offered in Metal Halide, High Pressure Sodium, and the new Pulse Start Metal Halide lamp which provides excellent efficiency, lumen maintenance and color.

Model No.	Optics	Wattage	Source	Voltage	Mounting	Finish / Stripe	Options
AME							
Model	Optics	Wattage	Source	Voltage	Mounting	Finish/ Stripe	Options
☐ AME-1 Flat Glass	☐ Type II (T2)	☐ 100 (100) ☐ 150 (150) ☐ 175 (175)	PS, HPS PS, HPS MH, PS (M), (P), (S) ☐ ☐ ☐	☐ 120 (1) ☐ 208 (2)	☐ Bolt-On Arm 6" (BOA6) Supplied as standard for AME-1 & 2, unless specified otherwise.	☐ Bronze (BZ) ☐ Black (BK) ☐ White (WH) ☐ Green (GN) ☐ Grey (GY) ☐ Silver Metallic (SL) ☐ Custom (CC)	<u>Photocell & Receptacle</u> *Specify voltage ☐ (PC120) ☐ (PC208) ☐ (PC240) ☐ (PC277) ☐ (PCR480) ☐ Photo Receptacle *With Shorting Cap (PER) ☐ Quartz Restrike (QR) <u>Fusing</u> *Single In-Line Fuse *Specify voltage ☐ (SF120) ☐ (SF277) *Double In-Line Fuse *Specify voltage ☐ (DF208) ☐ (DF240) ☐ (DF480) ☐ External House Side Light Shield (LS) ☐ Convex Glass Lens *Option Available on AME-2 Only (VLCG) ☐ RPP-1 Round Pole Plate Adaptor (RPP) ☐ Cast Wall Plate (BAWP)
☐ AME-2 Flat Glass (Convex Glass Optional)	☐ Type III (T3)	☐ 250 (250) ☐ 320 (320) ☐ 400 (400) *Reduced Envelope Lamp on 400w	MH, PS, HPS PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐	☐ 240 (3) ☐ 277 (4) ☐ 480 (5) ☐ M.Tap (6)	☐ Bolt-On Arm 10" (BOA10) Supplied as standard for AME-3 & 4, unless specified otherwise. Supplied for all AME sizes with D90, T90 & Quad mounting.	☐ Blue Metallic (94) ☐ Red Opaque (188) ☐ Silver Metallic (58) ☐ Gold Metallic (41) ☐ White Opaque (50) ☐ Black Metallic (60) ☐ Charcoal Metallic (20)	
☐ AME-3 Convex Glass	☐ Type IV (T4)	☐ 400 (400) ☐ 750 (750) ☐ 1000 (1000) *Reduced Envelope 750 & 1000 Watt ED-37 Lamp	MH, PS, HPS PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐	☐ Multi-Tap ballast factory wired at 277v unless otherwise specified. ☐ 5- Tap (7)	☐ Spider Mount (SM) ☐ Wall Mount (WM) *Cast Wall Plate (BAWP) to be ordered separately.		
☐ AME-4 Flat Glass	☐ Type IV-A Automotive (T4A) (Not Available AME-1 & 2) ☐ Type V (T5)	☐ 750 (750) ☐ 1000 (1000) *Reduced Envelope 750 & 1000 Watt ED-37 Lamp	PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐ MH - Metal Halide PS - Pulse Start Metal Halide HPS - High Pressure Sodium	Standard for 400 & 1000w MH only, factory wired at 480v unless otherwise specified.	*AME-1 uses 4" tall arm. *Round Pole Plate Adaptors (RPP) are to be ordered separately.		

For more detailed information on mounting, wiring, or installation instructions, please consult factory. Note that if Poles are not ordered with fixtures, please specify the mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.



VISIONAIRE LIGHTING

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American Specifications

Housing

- All housings are manufactured using technologically advanced computerized numerical control (CNC) machinery. Precision sheared and formed from one piece, .080 gauge, corrosion resistant aluminum, with tooled external reveal.
- The computerized CNC machinery enables all American housings to be constructed quickly, efficiently, and adhering to exacting ISO 9002 standards. All external hardware is stainless steel.

Lens and Door Assembly

- **Removal** Hinged door assembly is CNC precision, sheared and formed from one piece, .080 gauge, corrosion resistant aluminum with captive stainless steel fasteners.
- The standard lens is a clear tempered flat glass, secured by galvanized lens retainers and sealed with one piece extruded silicone gasketing to provide complete weather and insect protection.
- An optional convex glass lens is available when required.

Vision™ Optical System - (Patent pending)

- Reflector is precision CNC cut and bent, multi-faceted, segmented, highly efficient, 95% reflective aluminum. Available in five distribution patterns.
- Tool-less reflector entry.
- T4A Automotive Reflector is Field Rotatable.

Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of two ml. thickness. Finish is oven baked at a temperature of 400 degrees Fahrenheit to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.

Mounting

- An extruded aluminum, bolt-on-arm (BOA), with an in-pole nut plate, securing (2) 1/2 inch zinc running bolts with stainless steel hardware is standard. A Round Pole Plate Adaptor (RPP) is required for mounting to 3" -5" Round Poles.

Electrical Assembly

- All ballasts are premium grade CWA or HPF regulating auto transformers. Ballast is capable of providing consistent lamp starting down to -20 degrees Fahrenheit. Available in:

- Metal Halide (MH)
- Pulse Start Metal Halide (PS)
- High Pressure Sodium (HPS)

- Quick disconnect wiring is standard.
- Socket is glazed porcelain medium or mogul base with nickel plated contacts, rated at 4K (5K for 1000 watt) and 600V.

Options

Fixtures available with a variety of options:

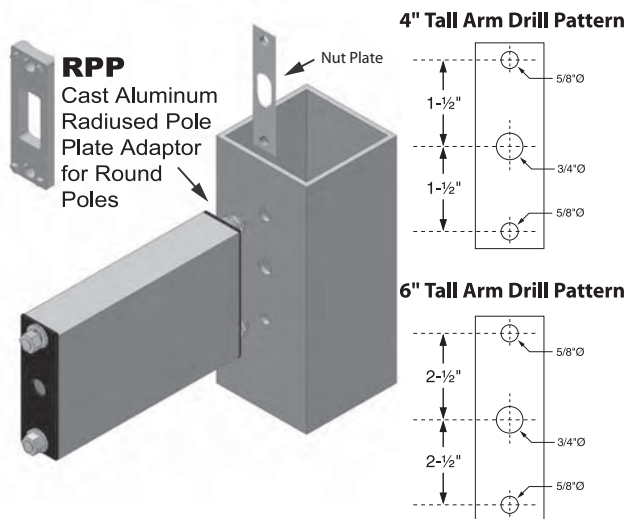
- photo cell
- photo receptacle
- convex glass lens
- house side light shields
- fusing
- quartz restrike

Please consult factory for custom options.

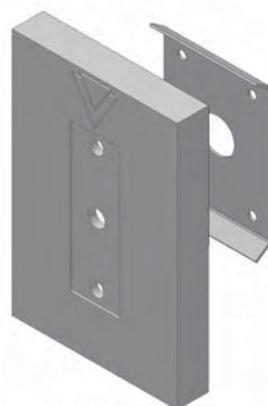
Listings

- **American** is  listed, suitable for wet locations.
- **Dark Sky Friendly®** certified by the International Dark Sky Association. (Flat Lens models with Type III or Type V Reflectors)

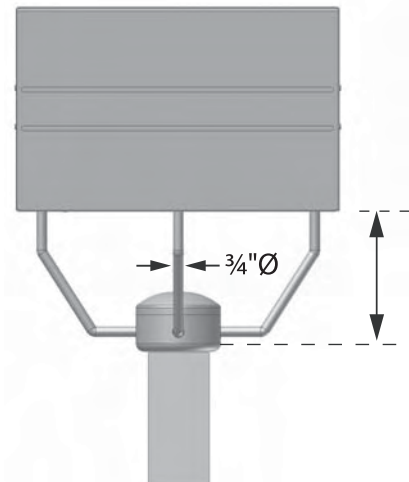
Bolt-On-Arm Detail



Cast Wall Plate



Spider Arm Detail



AME-1: 6" or 10" Long x 4" Tall x 2" Wide
AME-2, 3 & 4: 6" or 10" Long x 6" Tall x 2" Wide

BAWP - 10" Tall x 6 1/2" Wide

AME-1 & AME-2: 8.89" Tall
AME-3 & AME-4: 11.5" Tall

EPA Data

Fixture with Arm							
AME-1	1.4	2.6	2.8	3.8	3.3	4.5	1.7
AME-2	2.2	4.0	4.4	6.0	5.1	7.1	2.6
AME-3	3.2	5.8	6.4	8.7	7.4	10.2	3.7
AME-4	3.4	6.2	6.8	9.2	7.8	10.9	3.9