

American Round

AREA LIGHTING

Dimensional Drawings



AMR-N

AMR-D

Fixture

A

B

Stripe

Max.Watts

AMR-N1

22"

13- $\frac{1}{4}$ "

2"

400w
*Flat Glass (Convex Optional)

AMR-N2

26"

15- $\frac{1}{4}$ "

2"

1000w
*Flat Glass (Convex Optional)

AMR-D1

22"

13- $\frac{1}{4}$ "

2"

400w
*Flat Glass (Convex Optional)

AMR-D2

26"

15- $\frac{1}{4}$ "

2"

1000w
*Flat Glass (Convex Optional)

The **American Round 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 cylindrical housing features soft rounded contours in dome or flat top styles. A decorative circular reveal accents the shape with complementary or contrasting colors. Computerized precision machinery and quality materials insure manufacturing to the highest industry standards. **American**

Round is offered in two 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.

The **American Round** is a proven performer for parking lots, auto dealerships, shopping centers, and general area lighting. A wide selection of light sources from 100 through 1000 watts are offered, including Pulse Start lamps for excellent efficiency, lumen maintenance and color.

Model No.	Optics	Wattage	Source	Voltage	Mounting	Finish / Stripe	Options
AMR							
Model	Optics	Wattage	Source	Voltage	Mounting	Finish/Stripe	Options
☐ AMR-N1 ☐ AMR-D1 Flat Glass	☐ Type II (T2) ☐ Type III (T3)	☐ 100 (100) ☐ 150 (150) ☐ 175 (175) ☐ 200 (200) ☐ 250 (250) ☐ 320 (320) ☐ 400 (400) <i>*Reduced Envelope Lamp on 400w</i>	PS, HPS PS, HPS MH, PS PS MH, PS, HPS PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐	☐ 120 (1) ☐ 208 (2) ☐ 240 (3) ☐ 277 (4)	☐ Bolt-On Arm 6" (BOA6) ☐ Bolt-On Arm 10" (BOA10) ☐ Spider Mount (SM)	☐ Bronze (BZ) ☐ Black (BK) ☐ White (WH) ☐ Green (GN) ☐ Grey (GY) ☐ Silver Metallic (SL) ☐ Custom (CC)	<u>Photocell & Receptacle</u> <i>*Specify voltage</i> ☐ (PC120) ☐ (PC208) ☐ (PC240) ☐ (PC277) ☐ (PCR480) ☐ Photo Receptacle <i>*With Shorting Cap (PER)</i> ☐ Quartz Restrike (QR) <u>Fusing</u> <i>*Single In-Line Fuse</i> <i>*Specify voltage</i> ☐ (SF120) ☐ (SF277) <i>*Double In-Line Fuse</i> <i>*Specify voltage</i> ☐ (DF208) ☐ (DF240) ☐ (DF480) ☐ External House Side Light Shield (LS) ☐ Convex Glass Lens (VLCG) ☐ RPP-1 Round Pole Plate Adaptor (RPP) ☐ Cast Wall Plate (BAWP)
☐ AMR-N2 ☐ AMR-D2 Flat Glass (Convex Glass Optional)	☐ Type IV (T4) ☐ Type IV-A *Automotive (T4A) (Not Available AMR-N1 & D1) ☐ Type V (T5)	☐ 400 (400) ☐ 750 (750) ☐ 1000 (1000) <i>*Reduced Envelope Lamp on 1000w</i>	MH, PS, HPS PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐ MH - Metal Halide PS - Pulse Start Metal Halide HPS - High Pressure Sodium	☐ 480 (5) ☐ M.Tap (6) Multi-Tap ballast factory wired at 277v unless otherwise specified. ☐ 5-Tap (7) Standard for 400 & 1000w MH only, factory wired at 480v unless otherwise specified.	☐ Wall Mount (WM) <i>*Cast Wall Plate (BAWP) to be ordered separately.</i> <i>*Unless specified a BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations.</i> <i>*Round Pole Plate Adaptors (RPP) are to be ordered separately.</i>	☐ Color Stripe ☐ Blue Metallic (94) ☐ Red Opaque (188) ☐ Silver Metallic (58) ☐ Gold Metallic (41) ☐ White Opaque (50) ☐ Black Metallic (60) ☐ Charcoal Metallic (20)	

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.



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American Round Specifications

Housing

- All housings are one piece, spun aluminum, designed and engineered for a weathertight seal. American Round housings display a decorative external reveal to give the luminaires a distinct appearance. All external hardware is stainless steel.

Lens and Door Assembly

- Door assembly is precision spun 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.
- Field rotatable reflector.

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:

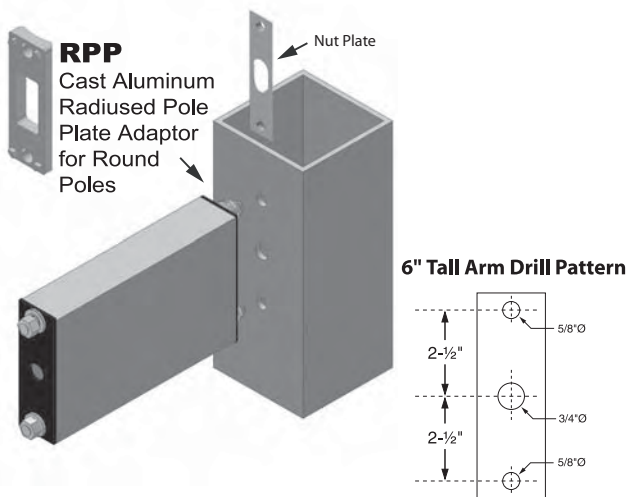
- photo cell
- photo receptacle
- convex glass lens
- house side light shields
- fusing

Please consult factory for custom option.

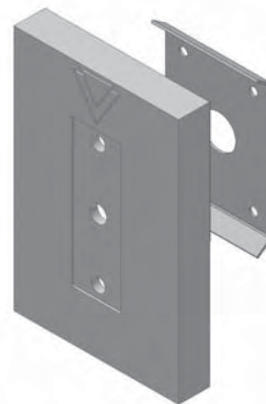
Listings

- **American Round** is 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

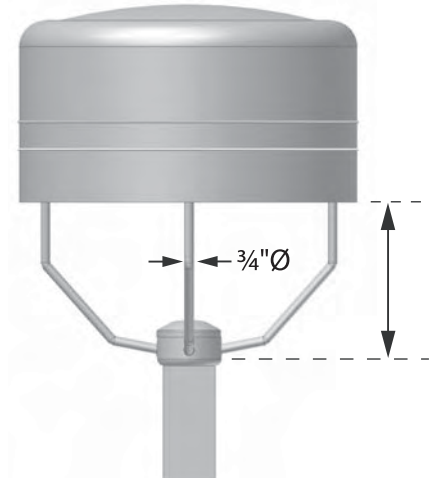


Cast Wall Plate



*For use with standard Bolt-on Arm

Spider Arm Detail



AMR-N1 & D1: 6" or 10" Long x 6" Tall x 2" Wide
AMR-N2 & D2: 6" or 10" Long x 6" Tall x 2" Wide

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

AMR-N1 & AMR-D1: 8.89" Tall
AMR-N2 & AMR-D2: 11.5" Tall

EPA Data

Fixture with Arm							
AMR-N1	2.2	4.0	4.4	6.0	5.1	7.1	2.4
AMR-N2	2.9	5.2	5.8	7.8	6.7	9.3	3.1
AMR-D1	2.2	4.0	4.4	6.0	5.1	7.1	2.4
AMR-D2	2.9	5.2	5.8	7.8	6.7	9.3	3.1