The American Series is one of our “Dark Sky Family of Products”™, full cutoff, flat lensed, vertical lamped luminaires, that provide maximum uniformity for Area and Site Lighting.

From 100 to 1000 watts, the American Series eliminates the need to use the traditional 30 year old design of flat lensed, horizontal lamped “Shoe Box” fixtures, in order to meet the new stringent light trespass community standards being set around the country.

Convex lens is available for retail applications where light trespass restrictions do not apply.

A Modern Dark Sky Solution!

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.

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American Specifications

Housing
- All housings are manufactured using technologically advanced computer 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
- Hinged door assembly is (CNC) precision, sheared and formed from one piece, .080 gauge, corrosion resistant aluminum with captive 1/4 turn stainless steel fasteners.
- The standard lens is a clear tempered flat glass, secured by aluminum lens retainers and sealed with one piece extruded silicone gasketing to provide complete weather and insect protection.

Optical System
- Multi-faceted, segmented, highly efficient, 95% reflective formed aluminum, vertical burn reflectors, available in five distributions.

Quali-Guard®
- 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, with continuous channels, securing (2) 1/2 inch zinc running bolts with stainless steel hardware is standard.

Electrical Assembly
- Ballast is factory wired and tapped to voltage specifications. All ballasts are CWA or HPF regulating auto transformers, available in Metal Halide, Pulse Start, and High Pressure Sodium. Ballast is capable of providing consistent lamp starting down to -20 degrees fahrenheit. Ballast is fastened to an easily accessible ballast tray for service convenience.
- Socket is a glazed porcelain medium or mogul base with nickel plated contacts, rated at 5K and 600V.

Options
- Fixtures available with a variety of options, including photo cell, photo receptacle, convex or flat glass lens, light shield, and fusing. Please consult factory for custom options.

Listing
- American is UL listed, suitable for damp and wet locations. All fixtures factory tested prior to shipment.

Bolt-On-Arm Detail

Spider Arm Detail