

Aeris™



Architectural Arm-Mounted Cutoff

Intended Use

For streets, walkways, parking lots and surrounding areas.

Features

Housing – Die-cast single-piece aluminum with nominal 1/8" wall thickness. Integral arm provides easy installation to pole or wall. Housing completely sealed against moisture or environmental contaminants.

Door Assembly – Die-cast door frame, impact-resistant, tempered, glass lens, 3/16" thick, fully sealed with one-piece tubular silicone gasket. Tool-less entry and closure via spring-loaded die-cast latches.

Optics – Anodized segmented reflectors for superior uniformity and control. Reflectors attach with tool-less fasteners and are rotatable and interchangeable.

Installation – Heavy-duty easy-mount block attaches to pole or wall to provide ease of installation as well as ensured

alignment and leveling.

Electrical – 150W and below utilize a high reactance, high power factor. 175W and above use a constant-wattage autotransformer ballast. Compact fluorescent uses an electronic high frequency ballast. Ballasts mounted on removable power tray with tool-less latch and have positive locking disconnect plugs. Ballasts are copper wound and 100% factory tested.

Finish – Standard finish is dark bronze (DDB) corrosion-resistant polyester powder finish. Other architectural colors available.

Socket – Porcelain, medium-base socket for AS1, mogul-base socket for AS2, with copper alloy nickel-plated screw shell and center contact. UL listed.

Listings – UL Listed (standard). CSA Certified or NOM certified (see Options). UL listed for wet locations in lens-down orientation (damp location listed in lens-up orientation). Meets IESNA full cutoff criteria. U.S. patent no. D447, 590. Canadian patent no. 94324.

Ordering Information

Example: **AS1 150S SR2 120 SPA SF LPI**

| Designation | Distribution | Voltage | Mounting ¹¹ | Options/Accessories |
|--------------------------------|---|---|---|---|
| <u>High Pressure Sodium</u> | SR2 Segmented Type II roadway | 120, 208⁷, 240⁷, 277, 347, 480⁷, TB⁸, MVOLT^{9,10} | Included | Installed |
| AS1 35S¹ | SR3 Segmented Type III asymmetric | | SPA Square pole mounting block | SF Single fuse, 120V, 277V, 347V (n/a TB & MVOLT) ¹² |
| AS1 50S² | | | RPA Round pole mounting block | DF Double fuse, 208V, 240V, 480V (n/a TB & MVOLT) ¹² |
| AS1 70S | SR4SC Segmented Type IV forward throw, sharp cutoff | | WBA wall bracket (up or down) | PER NEMA twist-lock receptacle only (no photocontrol) |
| AS1 100S | | | Shipped separately | QRS Quartz restrike system (100W max. AS1, 250W max. AS2, lamp not included) ¹² |
| AS1 150S | SR4W Segmented Type IV wide, forward throw (size 2 only) | | ASKMA1 Mast arm adapter (size 1) | CR Enhanced corrosion resistance |
| AS2 200S | | | ASKMA2 Mast arm adapter (size 2) | HS House-side shield (n/a with SR4SC) |
| AS2 250S | | | DSAS1 Decorative straight arm, square pole only (size 1) | EC Emergency circuit ¹³ |
| AS2 400S | SR5S Segmented Type V square | | DSAS2 Decorative straight arm, square pole only (size 2) | TP Tamperproof |
| <u>Metal Halide</u> | | | DCAS1 Decorative curved arm, square pole only (size 1) | SCWA Super CWA pulse start ballast (not available with HPS, TRT, 50, 70, 100M or 480V) |
| AS1 50M³ | | | DCAS2 Decorative curved arm, square pole only (size 2) | LPI Lamp included (standard) |
| AS1 70M³ | | | | L/LP Less lamp |
| AS1 100M | | | | CSA CSA Certified |
| AS1 150M⁴ | | | | NOM NOM Certified ¹³ |
| AS1 175M | | | | For optional architectural colors, see page 485. |
| AS2 200M⁵ | | | | Shipped separately |
| AS2 250M⁴ | | | | PE1 NEMA twist-lock PE (120V, 208V, 240V) |
| AS2 320M⁵ | | | | PE3 NEMA twist-lock PE (347V) |
| AS2 350M⁵ | | | | PE4 NEMA twist-lock PE (480V) |
| AS2 400M⁴ | | | | PE7 NEMA twist-lock PE (277V) |
| <u>Compact Fluorescent</u> | | | | SC Shorting cap |
| AS1 2/32TRT⁶ | | | | AS1VG Vandal guard |
| AS1 42TRT | | | | AS2VG Vandal guard |
| AS1 2/42TRT⁶ | | | | For tenon slipfitters, see page 486. |
| AS1 57TRT | | | | |
| AS1 70TRT | | | | |

NOTES:

- 120V only.
- 120V & 277V only.
- Not available with 480V.
- May be ordered with SCWA option.
- Must be ordered with SCWA option.
- Available in SR3 only.
- Consult factory for availability in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Compact Fluorescent only, 120V-277V.
- Multi-volt electronic ballast (for TRT lamps) capable of operating on any line voltage between 120V & 277V.
- Mounting block standard.
- SF, DF or QRS options cannot be ordered together.
- Consult factory for availability.

Drilling Pattern
(see pole ordering, pg. 494)

| | |
|--------|---------------------------------|
| DM19AS | 1 at 90° |
| DM28AS | 2 at 180° |
| DM29AS | 2 at 90° |
| DM39AS | 3 at 90° |
| DM49AS | 4 at 90° |
| DM32AS | 3 at 120° (Round poles only) |

Dimensions are shown in **inches (centimeters)** unless otherwise noted.

| | AS1 | AS2 |
|--------|--------------------|---------------------|
| EPA | .7 ft ² | 1.2 ft ² |
| Length | 21.38 (54.5 cm) | 28 (71.0 cm) |
| Width | 12.5 (31.7 cm) | 16.25 (41.9 cm) |
| Height | 6.28 (15.9 cm) | 8.25 (21.0 cm) |
| Weight | 22 lbs (10 kg) | 45 lbs (20.4 kg) |

