

Arm-Mounted Drop or Flat Lens Cutoff

KAD

Contour®

Intended Use

For parking areas, street lighting, walkways and car lots.

Features

Housing – Rugged, die-cast, soft-corner aluminum housing with 0.12" nominal wall thickness. Extruded 4" soft corner arm for pole or wall mounting is standard.

Door Frame – KAD die-cast door frame has impact-resistant, tempered glass lens which is fully gasketed with one-piece bonded tubular silicone. KAC die-cast aluminum door frame has prismatic, impact-resistant, tempered glass, drop dish acrylic lens or drop dish polycarbonate lens. Door frame is fully gasketed with one-piece tubular silicone.

Optics – KAD reflectors are anodized hydroformed and segmented aluminum. Four cutoff distributions available: R2 (Roadway), R3 (Asymmetric), R4 (Forward Throw) and R5 (Symmetric). Segmented reflectors are rotatable and field-interchangeable.

KAC reflector is optical-quality aluminum that works in tandem with a light-diffusing prismatic lens.

Electrical – Ballast is high-reactance, high power factor (70-150W HPS, 100M & 150M) or high power factor constant-wattage autotransformer (175-400W MH & HPS). Ballast is copper wound and 100% factory tested.

Finish – Dark bronze (DDB) corrosion-resistant polyester powder finish (DDB), with other architectural colors available.

Socket – Porcelain, horizontally (position) oriented mogul-base socket (100M & 150M are medium-base) with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W-600V. 4KV pulse rated.

Listings – UL Listed (standard). CSA Certified or NOM Certified (see Options). UL listed for wet locations. IP65 certified.



Example: **KAD 400M R3 120 SPD09**

Ordering Information

| Designation | Distribution | Voltage | Mounting |
|-----------------------------|-----------------------------------|------------------------|---|
| <u>High Pressure Sodium</u> | <u>KAD-Hydroformed Reflectors</u> | 120 | <u>Included</u> |
| KAD 70S | R2 Type II roadway | 208² | SPD04 4" square pole arm ⁴ (std.) |
| KAD 100S | R3 Type III asymmetric | 240² | SPD09 9" square pole arm |
| KAD 150S | R4 Type IV forward | 277 | RPD04 4" round pole arm ⁴ |
| KAD 250S | throw, sharp cutoff | 347 | RPD09 9" round pole arm |
| KAD 400S | R5S Type V square | 480² | WWD04 4" wood pole or wall ⁴ |
| <u>Metal Halide</u> | <u>Segmented Reflectors</u> | TB³ | WWD09 9" wood pole or wall |
| KAD 100M | SR2 Type II asymmetric | | WBD04 4" wall bracket |
| KAD 150M | SR3 Type III asymmetric | | WBD09 9" wall bracket |
| KAD 175M | SR4SC Type IV forward | | <u>Shipped separately</u> |
| KAD 200M¹ | throw, sharp cutoff | | KMA Mast arm adapter |
| KAD 250M | | | KTMB Twin mounting bar |
| KAD 320M¹ | | | DAD12P Degree arm (pole) |
| KAD 350M¹ | | | DAD12WB Degree arm (wall) |
| KAD 400M | | | |

| Options/Accessories | |
|--|--|
| <u>Installed</u> | |
| LPI | Lamp included |
| SF | Single fuse, 120V, 277V, 347V (n/a TB) |
| DF | Double fuse, 208V, 240V, 480V (n/a TB) |
| PER | NEMA twist-lock receptacle only (no photocontrol) |
| QRS | Quartz restrrike system (250W max., 120V lamp not included) ⁵ |
| PD | Power tray ⁶ |
| WTB | Terminal block ⁶ |
| EC | Emergency circuit |
| SCWA | Super CWA pulse start ballast (n/a with any HPS, 100M or 175M) |
| CSA | CSA Certified |
| NOM | NOM Certified (consult factory) |
| For optional architectural colors, see page 485. | |
| <u>Shipped separately⁷</u> | |
| PE1 | NEMA twist-lock PE (120V-240V) |
| PE3 | NEMA twist-lock PE (347V) |
| PE4 | NEMA twist-lock PE (480V) |
| PE7 | NEMA twist-lock PE (277V) |
| SC | Shorting cap for PER option |
| HS | House-side shield (R2, R3, R4) (SR2, SR3) |
| KADVG | Vandal guard |
| KADWG | Wireguard |

NOTES:

- Must be ordered with SCWA.
- Consult factory for availability in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- SPD09, RPD09 or WWD09 must be used when luminaires are oriented on DM29, DM39 or DM49 drilling pattern.
- QRSTD available in select wattages. Consult factory.
- Only available with SR2, SR3, SR4CS optics.
- May be ordered as an accessory.
- Includes mounting arm.

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

| | |
|------------------|---|
| | KAD |
| EPA ⁸ | 1.2 ft ² (.11 m ²) |
| Square | 17 1/2 (44.5) |
| Height | 7 1/8 (18.1) |
| Max. weight | 42 lbs (19.1 kg) |

