

## FEATURES & SPECIFICATIONS

### INTENDED USE

Ideal for parking areas, street lighting, walkways and car lots.

### CONSTRUCTION

Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Die-cast door frame has impact-resistant, tempered, flat glass lens that is fully gasketed with one-piece tubular silicone.

### FINISH

Finish is dark bronze (DDB) polyester powder.

### OPTICAL SYSTEM

Anodized, aluminum hydroformed reflectors: IES full cutoff distributions: R3 (asymmetric) or R4 (forward throw). Optional houseside shield (HS) available.

### ELECTRICAL SYSTEM

Ballast: Super CWA pulse start ballasts, 88% efficient and EISA legislation compliant, are required for 250-400W (must order SCWA option) for shipments in the U.S.

Socket: Porcelain, horizontally oriented mogul base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

Lamp included.

### LISTING

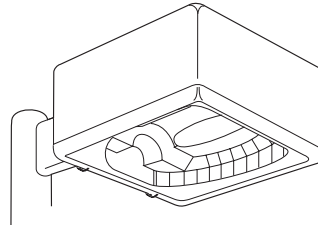
UL Listed (standard). UL listed for 25°C ambient and wet locations. IP65 rated. NOTE: Specifications subject to change without notice.

Catalog Number	
Notes	Type

**CONTOUR**  
FAMILY

Night-time Friendly / Full Cutoff Lighting

# KAD/POLE COMBO



**METAL HALIDE**

250W, 400W

16' to 25' Mounting

### Standard Dimensions

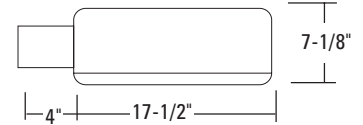
EPA: 1.2 ft.<sup>2</sup>

Weight: 41 lbs (18.6 kg)

Length: 17-1/2 (44.5)

Width: 17-1/2 (44.5)

Depth: 7-1/8 (18.1)



All dimensions are inches (centimeters) unless otherwise specified.

## FEATURES & SPECIFICATIONS

### CONSTRUCTION

Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge). Uniform wall thickness of .125". Shafts are one-piece with a longitudinal electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsion. Available shaft width is 4".

Anchor base is fabricated from hot-rolled carbon steel plate that meets or exceeds a minimum yield strength of 36,000 psi. The anchor base is provided with slotted holes.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screw.

Weatherproof, high-strength plastic top cap provided.

Automotive-grade ABS plastic full base cover is finished to match pole.

### FINISH

Dark bronze (DDB) polyester powder.

### GROUNDING

A nut holder located immediately inside the handhole rim is provided (ground bolt and nut by others).

### ANCHOR BOLTS

Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod (3/4" x 18" x 3") having a minimum yield strength of 55,000 psi. Includes 4 anchor bolts, 8 hex nuts with washers, and template.

NOTE: Specifications subject to change without notice.

### IMPORTANT:

These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

Installation requires grout to be packed under base to ensure full contact with foundation.

Anchor Base Poles

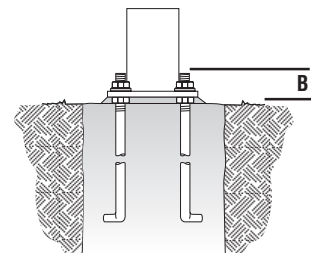
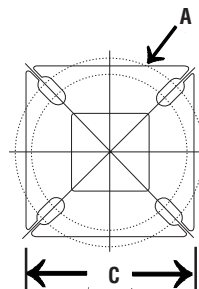
# SSS

### Standard Dimensions

Pole	Weight
SSS 16 4C	115 lbs (51.8 kg)
SSS 20 4C	140 lbs (63 kg)
SSS 25 4C	170 lbs (76.5 kg)

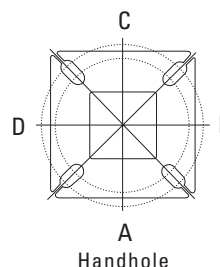
**SQUARE STRAIGHT STEEL**

16' to 25' Mounting

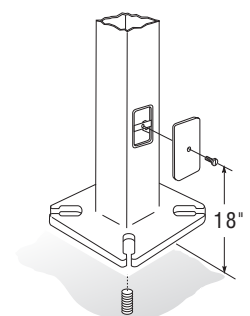


Shaft Base Size	Bolt Circle A	Bolt Projection B	Base Square C	Anchor Bolts (w/ template in carton)	Template Number
4"C	8-1/2"	2-3/4" - 4"	8"	ABSSS-4C	PJ50004

### HANDHOLE ORIENTATION



### BASE DETAIL

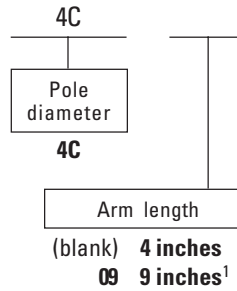



# KAD Pole Combo

**ORDERING INFORMATION** All configurations of this product are considered "standard" and have short lead times.  
Example: KC2400M25C R3 4C SCWA

Designation	Lamp	Pole length
KC1 1 fixture	Metal halide	16C 16-foot "C" pole
KC2 2 fixtures	250M <sup>3</sup>	20C 20-foot "C" pole
	400M <sup>3</sup>	25C 25-foot "C" pole

Distribution
R3 Type III asymmetric
R4 Type IV forward throw



Options
HS Houseside shield <sup>2</sup>
Pulse Start 
SCWA Super CWA pulse start ballast
NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.

KC2400M25C R3 4C SCWA	
Consists of:	
Qty	Cicode Description
1	SSS 25 4C DM28 PL DDB SHAFT
2	KAD 400M R3 TB SCWA SPD04 LPI
1	SBC4 DDB U
1	ABSSS-4C
1	STC-4 U

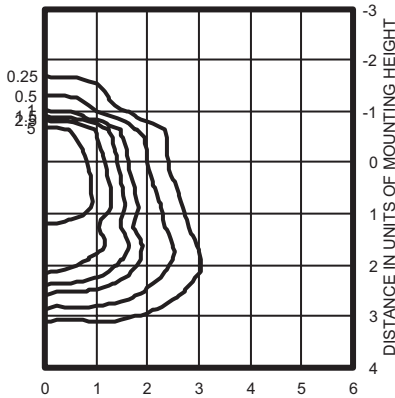
Maximum m.p.h. Wind Load with 1.3 Gusts		
Pole	KC1 Single	KC2 Double
16' 4C 4" or 9" arm	100	100
20' 4C 4" or 9" arm	100	100
25' 4C 4" arm	90	90
25' 5C 9" arm	90	80

**NOTES:**

- 9" arm only available with 400M.
- Ships separately.
- These wattages do not comply with California Title 20 regulations.

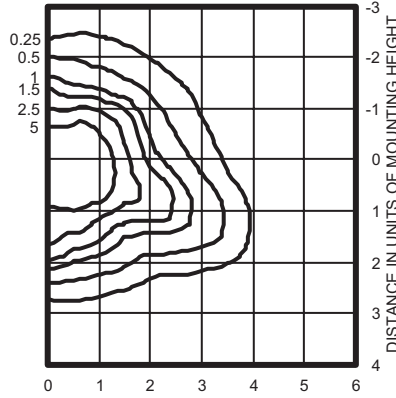
## PHOTOMETRICS

KC 400M R4 TEST NO: 1191110101P  
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.  
Classification: Unclassified (Type III, Very Short), Full Cutoff

KC 400M R3 TEST NO: 1192040902P  
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 42000 lumens. Footcandle values based on 20' mounting height.  
Classification: Unclassified (Type I, Very Short), Full Cutoff

**Mounting Height Correction Factor**  
(Multiply the fc level by the correction factor)  
16ft. = 3.5    25ft. = 1.44

$$\left( \frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction Factor}$$



Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction