

# Architectural Arm-Mounted Cutoff

# KSE

### Intended Use

For car lots, street lighting or parking areas.

### Features

**Housing** – Rugged, heavy-gauge, extruded aluminum housing. Square shape, seam-welded and internally sealed for weather-tight integrity. Standard finish is dark bronze corrosion-resistant polyester powder (DDB). Architectural Class 1 anodize finish and other architectural colors available.

**Optics** – Anodized, segmented reflectors for uniformity and control. Reflectors are tool-less, rotatable and interchangeable. Five cutoff distributions available: R2 (Roadway), R3 (Asymmetric), R4SC (Forward Throw, Sharp Cutoff), R4W (Wide, Forward Throw) and R5S (Symmetric).

**Door Frame** – Naturally anodized, extruded aluminum door frame sealed to housing by silicone closed-cell gasket and secured

with (3) quarter-turn closing screws. Can be hinged from any of the four sides.

**Lens** – .125" thick, impact-resistant tempered glass.

**Mounting** – Extruded 4" aluminum arm for square pole mounting, shipped in fixture carton as standard. Optional mountings available.

**Electrical** – High reactance, high power factor for 150W and below. Constant wattage autotransformer for 175W and above. Copper wound and 100% factory tested. Removable power tray and positive-locking disconnect plug.

**Socket** – Medium-base socket for 100W MH and below. Mogul-base porcelain socket 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.



Example: **KSE1 150S R2 120 SP09 PER**

## Ordering Information

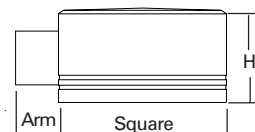
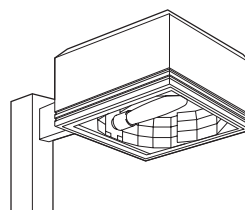
Designation	Distribution	Voltage	Mounting	Options/Accessories
<u>High Pressure Sodium</u>	<b>R2</b> Type II roadway	<b>120</b>	<u>Included</u>	<u>Installed</u>
<b>KSE1 70S</b>	<b>R3</b> Type III asymmetric	<b>208<sup>3</sup></b>	<b>SP04</b> 4" square pole arm <sup>5</sup> (std.)	<b>SF</b> Single fuse, 120V, 277V, 347V (n/a TB)
<b>KSE1 100S</b>	<b>R4SC</b> Type IV forward throw, sharp cutoff	<b>240<sup>3</sup></b>	<b>SP09</b> 9" square pole arm	<b>DF</b> Double fuse, 208V, 240V, 480V (n/a TB)
<b>KSE1 150S</b>	<b>R4W</b> Type IV wide, forward throw (size 2 only)	<b>277</b>	<b>RP04</b> 4" round pole arm <sup>5</sup>	<b>PER</b> NEMA twist-lock receptacle only (no photocontrol)
<b>KSE2 250S</b>		<b>347</b>	<b>RP09</b> 9" round pole arm	<b>QRS</b> Quartz restrike system (100W max. in KSE1, 150 W max in KSE2, 120V lamp not included).
<b>KSE2 400S</b>	<b>R5S</b> Type V square (size 2 only)	<b>480<sup>3</sup></b>	<b>WW04</b> 4" wood pole or wall <sup>5</sup>	<b>CR</b> Enhanced corrosion resistance
<u>Metal Halide</u>		<b>TB<sup>4</sup></b>	<b>WW09</b> 9" wood pole or wall	<b>EC</b> Emergency circuit
<b>KSE1 100M</b>			<b>WB04</b> 4" wall bracket	<b>GSL</b> Glass sag lens <sup>6</sup>
<b>KSE1 150M</b>			<b>WB09</b> 9" wall bracket	<b>SCWA</b> Super CWA pulse start ballast (n/a with HPS or 100, 175M)
<b>KSE1 175M</b>			<u>Shipped separately</u>	<b>CSA</b> CSA Certified
<b>KSE1 200M<sup>1</sup></b>			<b>KMA</b> Mast arm adapter	<b>NOM</b> NOM Certified (consult factory)
<b>KSE2 250M</b>			<b>KTMB</b> Twin mounting bar	For optional architectural colors, see page 485.
<b>KSE2 320M<sup>1,2</sup></b>			<b>DA12P</b> Degree arm (pole)	<u>Shipped separately</u>
<b>KSE2 350M<sup>1,2</sup></b>			<b>DA12WB</b> Degree arm (wall)	<b>PE1</b> NEMA twist-lock PE (120V-240V) <sup>7</sup>
<b>KSE2 400M<sup>2</sup></b>				<b>PE3</b> NEMA twist-lock PE (347V) <sup>7</sup>
				<b>PE4</b> NEMA twist-lock PE (480V) <sup>7</sup>
				<b>PE7</b> NEMA twist-lock PE (277V) <sup>7</sup>
				<b>SC</b> Shorting cap for PER option
				<b>KSE1HS</b> House-side shield (R2, R3 only)
				<b>KSE2HS</b> House-side shield (R2, R3 only)
				<b>KSE1VG</b> Vandal guard
				<b>KSE2VG</b> Vandal guard

**NOTES:**

- 1 Must be ordered with SCWA.
- 2 Must use ED28 lamp.
- 3 Consult factory for availability in Canada.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 5 Use 9" arm when mounting two luminaires at 90°.
- 6 Available on KSE2 only.
- 7 PER must be ordered with fixture.

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

	KSE1	KSE2
EPA <sup>7</sup>	1.3 ft <sup>2</sup> (.12 m <sup>2</sup> )	1.9 ft <sup>2</sup> (.18 m <sup>2</sup> )
Square	15 <sup>11/16</sup> (39.8)	19 (48.3)
Height	8 <sup>3/4</sup> (22.2)	10 <sup>15/16</sup> (27.8)
Max. weight	26.6 lbs (12.1 kg)	39.9 lbs (18.1 kg)



For tenon slipfitters, see page 486.