

### Intended Use

For parking areas, new construction or retrofit.

### Features

**Housing** – Rugged, heavy-gauge, aluminum housing in symmetric square shape. Continuously welded seams for weather-tight integrity. Recessed, combination-head 1<sup>3</sup>/<sub>4</sub>" turn fastener. Positive-locking device retains housing open during servicing. Dark bronze corrosion-resistant polyester powder finish (DDB) standard; other architectural colors available.

**Lensframe** – Die-cast aluminum lens frame. Butyl rubber gasket and EPT closed-cell foam gasket prevent entry of outside contaminants. Brushed-aluminum legs factory-installed into lens frame.

**Lens** – Impact-resistant tempered flat glass. Drop lens standard on 1000M.

**Mounting** – Slipfitter pole-top mounting for

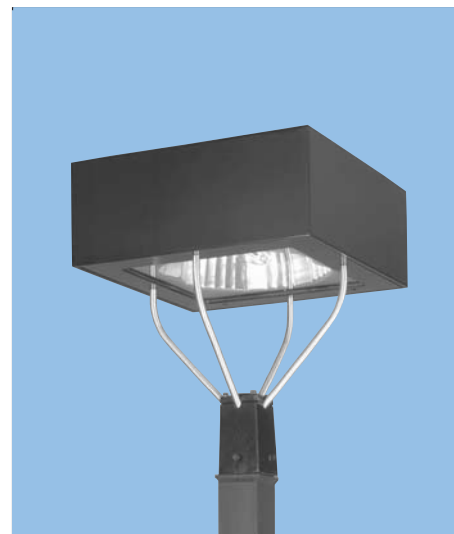
2<sup>3</sup>/<sub>8</sub>" OD x 5" high tenon. Mounting hardware packaged separately.

**Optics** – One-piece, hydroformed aluminum, multifaceted, anodized aluminum reflectors. Two cutoff distributions available: R3 (Asymmetric) and R5S (Square). Field-interchangeable reflectors hinge out for servicing.

**Electrical** – 150S high-reactance, high power factor ballast. Constant-wattage autotransformer, copper wound and 100% factory-tested. All electrical components are unitized on power module for ease of installation and maintenance. Positive-locking disconnect plugs (primary and secondary).

**Socket** – Horizontally oriented, 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.



## Ordering Information

Example: **KQS 250S R3 120 SPF QRS**

Designation	Distribution	Voltage	Mounting	Options/Accessories
<b>High Pressure Sodium</b>				
<b>KQS 150S</b>	<b>R3</b>	<b>120</b>	<b>Shipped separately</b>	<b>Installed</b>
<b>KQS 250S</b>	<b>R5S</b>	<b>208<sup>4</sup></b>	<b>SPF</b> Square pole fitter (standard) for 2 <sup>3</sup> / <sub>8</sub> " OD x 5" tenon	<b>SF</b> Single fuse, 120V, 277V, 347V
<b>KQS 400S</b>		<b>240<sup>4</sup></b>	<b>RPF</b> Round pole fitter 2 <sup>3</sup> / <sub>8</sub> " OD x 5" tenon	<b>DF</b> Double fuse, 208V, 240V, 480V
<b>KQS 1000S<sup>1</sup></b>		<b>277</b>		<b>PER</b> NEMA twist-lock receptacle only (no photocontrol)
<b>Metal Halide</b>				
<b>KQS 175M</b>		<b>347</b>		<b>QRS</b> Quartz restrike system (500W max, 120V lamp not included)
<b>KQS 200M<sup>2</sup></b>		<b>480<sup>4</sup></b>		<b>CR</b> Enhanced corrosion resistance
<b>KQS 250M</b>		<b>TB<sup>5</sup></b>		<b>EC</b> Emergency circuit
<b>KQS 320M<sup>2</sup></b>				<b>LS</b> Lamp support (1000W only)
<b>KQS 350M<sup>2</sup></b>				<b>HS</b> House-side shield (R3 only)
<b>KQS 400M</b>				<b>SCWA</b> Super CWA pulse start ballast (n/a with HPS, 175M or 1000M)
<b>KQS 1000M<sup>3</sup></b>				<b>CSA</b> CSA Certified
				<b>NOM</b> NOM Certified (consult factory)

For optional architectural colors, see page 485.

**Shipped separately**

- PE1** NEMA twist-lock PE (120V-240V)<sup>6</sup>
- PE3** NEMA twist-lock PE (347V)<sup>6</sup>
- PE4** NEMA twist-lock PE (480V)<sup>6</sup>
- PE7** NEMA twist-lock PE (277V)<sup>6</sup>
- SC** Shorting cap for PER option
- VG** Vandal guard (400W max.)

NOTES:

- 1 Not available with R3 distribution.
- 2 Must be ordered with SCWA.
- 3 KQS 1000M requires BT37 reduced jacket lamp.
- 4 Consult factory for availability in Canada.
- 5 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 6 PER option must be ordered with fixture.

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

	<b>KQS</b>
EPA	2.2 ft <sup>2</sup> (.21 m <sup>2</sup> )
Square	24 (70.0)
Housing height	9 <sup>1</sup> / <sub>2</sub> (24.1)
Overall height	27 <sup>1</sup> / <sub>2</sub> (69.9)
Max. weight	67 lbs (30.0 kg)

