

Type:
Job:
Catalog number:

____ / ____ / ____ / ____
 Mtg. Fixture Electrical Module Finish Options
 See page 2 See pages 3-4

Approvals:

Date:
Page: 1 of 4

Select pole from Kim Pole Catalog. If pole is provided by others indicate O.D. for arm fitting.

Specifications

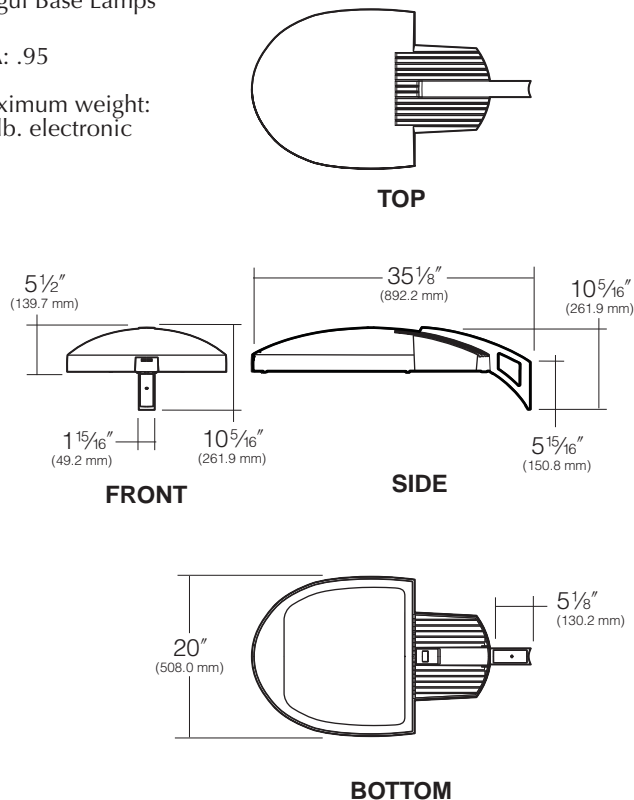
Dimensions - Electronic Ballast

WP9LE

Large Electronic Ballast
 200 to 400 watt PMH
 Mogul Base Lamps

EPA: .95

Maximum weight:
 35 lb. electronic



Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over the electrical compartment. Solid barrier wall separates optical and electrical compartments. A single die-cast aluminum cam-latch provides positive locking and sealing of the optical chamber. A one-piece extruded and vulcanized silicone gasket seals the housing against the lens surface.

Electronic Ballast Module: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over exposed bottom surface. Integral hinges and slide latch with stainless steel hardware provides no-tool mounting and removal from housing. All electronic components are UL and CSA recognized and mounted directly to the ballast tray for maximum heat dissipation.

Lens: Clear 3/16" thick tempered glass lens retained by a stainless steel piano hinge and a single die-cast aluminum cam-latch. The edges are camouflaged to conceal the outer portion of the housing.

Reflector Module: High specular optical segments are rigidly mounted within carrier plates to maintain form. No fasteners are placed on the reflective surface. The entire assembly is rotatable in 90° increments and fastened to the housing as a one-piece module. The appropriate socket is rigidly attached to the reflector module.

Support Arm: Heavy cast, low copper aluminum alloy with stainless steel mounting bolts. A pole reinforcing plate is provided with wire strain relief. Arm is circular cut for specified round pole.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes, Failure to do so may result in serious personal injury.

Listings and Ratings

UL cUL 1598 ¹	CE	IP66 Rated	25C Ambient
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¹Suitable for wet locations.

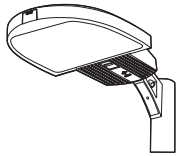
KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.





U.S. Patent D568,521

Type:

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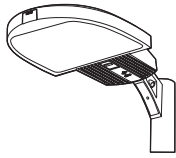


Standard Features

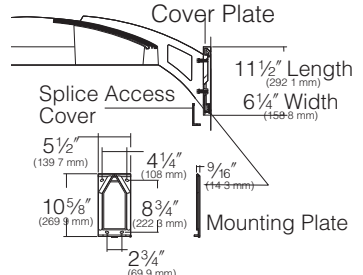
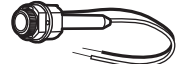
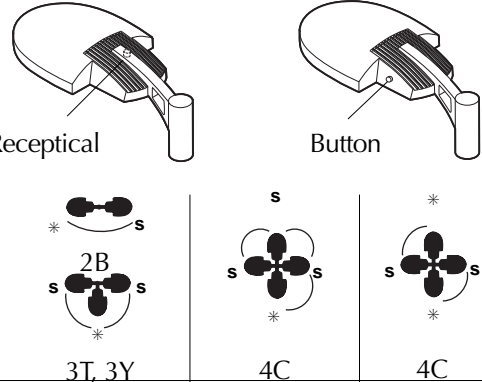
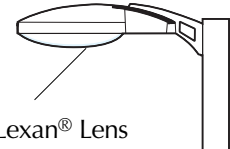

<p>Mounting 3Y configuration is available for round poles only.</p>	<p>Plan View:</p>  <p>EPA: 0.95 1.9 1.47 2.4 2.4 2.7 n/a</p> <p>Cat. No.: <input type="checkbox"/> 1SA <input type="checkbox"/> 2SB <input type="checkbox"/> 2SL <input type="checkbox"/> 3ST <input type="checkbox"/> 3SY <input type="checkbox"/> 4SC <input type="checkbox"/> 1SW</p>																																																												
<p>Fixture Cat. No. designates fixture and light distribution. See the Kim WARP9 Catalog for detailed information on reflector design and application.</p>	<p>Horizontal Lamp</p>  <p>Light Distribution: Type II Type III Type IV Forward Throw Type V Square</p> <p> Full Cutoff Full Cutoff Full Cutoff Full Cutoff</p> <p>Cat. No.: <input type="checkbox"/> WP9LE2 <input type="checkbox"/> WP9LE3 <input type="checkbox"/> WP9LE4 <input type="checkbox"/> WP9LE5</p>																																																												
<p>Electrical Module PMH = Pulse Start Metal Halide</p> <p>Lamp Watts Lamp Type Line Volts 320 PMH 240</p>	<p>Cat. Nos. for Electrical Modules available:</p> <table border="1"> <tr> <td colspan="4">Pulse Start Metal Halide</td> </tr> <tr> <td><input type="checkbox"/> 200PMH120</td> <td><input type="checkbox"/> 250PMH208</td> <td colspan="2"><input type="checkbox"/> 320PMH208</td> </tr> <tr> <td><input type="checkbox"/> 200PMH208</td> <td><input type="checkbox"/> 250PMH240</td> <td colspan="2"><input type="checkbox"/> 320PMH240</td> </tr> <tr> <td><input type="checkbox"/> 200PMH240</td> <td><input type="checkbox"/> 250PMH277</td> <td colspan="2"><input type="checkbox"/> 320PMH277</td> </tr> <tr> <td><input type="checkbox"/> 200PMH277</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Lamp</td> <td>T-15, Clear</td> <td>BT-28, Clear</td> <td>BT-28, Clear</td> </tr> <tr> <td>Socket</td> <td>Mogul Base</td> <td>Mogul Base</td> <td>Mogul Base</td> </tr> <tr> <td>ANSI Ballast</td> <td>M136</td> <td>M138 or M153</td> <td>M132, M154, or M170</td> </tr> </table> <table border="1"> <tr> <td colspan="4">Pulse Start Metal Halide</td> </tr> <tr> <td><input type="checkbox"/> 350PMH208</td> <td><input type="checkbox"/> 400PMH208</td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> 350PMH240</td> <td><input type="checkbox"/> 400PMH240</td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> 350PMH277</td> <td><input type="checkbox"/> 400PMH277</td> <td colspan="2"></td> </tr> <tr> <td>Lamp</td> <td>BT-28, Clear</td> <td>BT-28, Clear</td> <td></td> </tr> <tr> <td>Socket</td> <td>Mogul Base</td> <td>Mogul Base</td> <td></td> </tr> <tr> <td>ANSI Ballast</td> <td>M131, M171</td> <td>M135, M155, or M172</td> <td></td> </tr> </table>	Pulse Start Metal Halide				<input type="checkbox"/> 200PMH120	<input type="checkbox"/> 250PMH208	<input type="checkbox"/> 320PMH208		<input type="checkbox"/> 200PMH208	<input type="checkbox"/> 250PMH240	<input type="checkbox"/> 320PMH240		<input type="checkbox"/> 200PMH240	<input type="checkbox"/> 250PMH277	<input type="checkbox"/> 320PMH277		<input type="checkbox"/> 200PMH277				Lamp	T-15, Clear	BT-28, Clear	BT-28, Clear	Socket	Mogul Base	Mogul Base	Mogul Base	ANSI Ballast	M136	M138 or M153	M132, M154, or M170	Pulse Start Metal Halide				<input type="checkbox"/> 350PMH208	<input type="checkbox"/> 400PMH208			<input type="checkbox"/> 350PMH240	<input type="checkbox"/> 400PMH240			<input type="checkbox"/> 350PMH277	<input type="checkbox"/> 400PMH277			Lamp	BT-28, Clear	BT-28, Clear		Socket	Mogul Base	Mogul Base		ANSI Ballast	M131, M171	M135, M155, or M172	
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<p>Finish Super TGIC powder coat paint over a titanated zirconium conversion coating.</p>	<p>Color: Black Dark Bronze Stealth Gray™ Platinum Silver White Custom Color¹</p> <p>Cat. No.: <input type="checkbox"/> BL <input type="checkbox"/> DB <input type="checkbox"/> SG <input type="checkbox"/> PS <input type="checkbox"/> WH <input type="checkbox"/> CC</p> <p>¹Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____</p>																																																												

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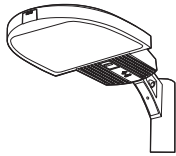
Optional Features

<p>Wall Mounting Cat. No. 1W Select from Mounting on page 2.</p>	<p>A cast aluminum mounting plate is mounted to the wall with four bolts (by others). Fixture and arm are mounted to the cast aluminum cover plate before attaching to the wall mounting plate. The fixture-arm-cover plate assembly is hooked to the wall mounting plate and secured with stainless steel screws provided. Field splices are made at the opening in the cover plate. Cover is finished to match arm and fixture color.</p>	
<p>Fusing (internal only): Cat. No. (see chart at right) <input type="checkbox"/> No Option</p>	<p>High temperature fuse holders factory installed inside the fixture housing. Fuse is included. Line Volts: 120V 208V 240V 277V Cat. No.: <input type="checkbox"/> SF <input type="checkbox"/> DF <input type="checkbox"/> DF <input type="checkbox"/> SF</p>	 Single Fuse
<p>Photocell Controls Cat. Nos. <i>receptacle</i> <input type="checkbox"/> A-25 <i>Line Button</i> — Volts <input type="checkbox"/> A-30 - 120V <input type="checkbox"/> A-31 - 208V <input type="checkbox"/> A-32 - 240V <input type="checkbox"/> A-33 - 277V <input type="checkbox"/> No Option</p>	<p>Two types of photocell controls are available. A receptacle for a NEMA base photocell or an internal photocell button sensor on the side of the fixture.</p> <p>Mounting (see page 2)</p> <p>* – Fixture with Photocell Receptacle S – slave unit(s)</p>	
<p>A Lexan® Lens Cat. No. <input type="checkbox"/> SLX <input type="checkbox"/> No Option</p>	<p>One-piece vacuum formed advanced polymer [Lexan®] replaces standard tempered glass lens. CAUTION: Use only when vandalism is anticipated to be high.</p>	 Lexan® Lens
<p>Houseside Shield Cat. No. <input type="checkbox"/> HS <input type="checkbox"/> No Option</p>	<p>Stamped aluminum louvers that pass streetside light and block houseside light. Recommended for use with clear lamps only. Effectiveness is reduced for coated lamps. Note: For use with Types II, III, or IV distributions only.</p>	 Houseside Shield

Type:

Job:

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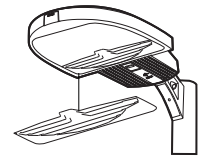


Optional Features

Neighbor Friendly Shield

- Cat. No. NFS
 No Option

(Type IV only) Stamped internal shield and blocking panels are used to direct and redirect lighting into a forward throw distribution. The amount of light directed and redirected toward the back of the luminaire is dramatically reduced to create extremely low glare behind the pole. Only available on the Type IV reflectors.



Neighbor Friendly Shield
for flat lens

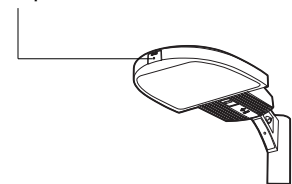
Tamper-Resistant Latch

- Cat. No. TL
 No Option

Standard die-cast latch is provided with a captive 10-32 stainless steel flat socket-head screw to prevent unauthorized opening.

NOTE: Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.

Tamper Resistant Latch

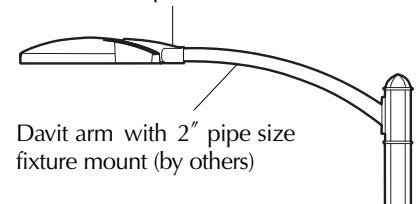


Horizontal Slipfitter Mount

- Cat. No. HSF
 No Option

Replaces standard mounting arm with a cast aluminum fitter to adapt to a horizontal 2" pipe-size mounting end (2 3/8" OD). The casting has a 5° adjustment to accommodate davit arms that are not horizontal. Horizontal pipe must be field drilled at one set screw location to insure against fixture rotation. Finish to match fixture color.

Horizontal Slipfitter



Davit arm with 2" pipe size
fixture mount (by others)

Vertical Slipfitter Mounts

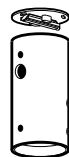
- Cat. No. includes Mounting
 Cat. No. **(See right)**
 No Option

Allows fixture or fixtures with standard mounting arm to mount to a pole with a 2" pipe-size tenon (2 3/8" OD). Minimum 4" tenon length required.

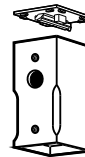
Specify configuration (1SA, 2SB, 3ST, 3SY, 4SC) 4" round or square aluminum with flush cap. Finish to match fixture and arm.

NOTE: 3Y only available on round slipfitter.

- Cat. No.
 VSF-1SA
 VSF-2SB
 VSF-2SL
 VSF-3ST
 VSF-3SY
 VSF-4SC Round



Stainless
steel set
screws



Square

- Cat. No. Mounting Configuration
 SVSF-1SA 1SA -single arm mount
 SVSF-2SB 2SB -2 at 180°
 SVSF-2SL 2SL -2 at 90°
 SVSF-3ST 3ST -3 at 90°
 SVSF-3SY 3SY -3 at 120°
 SVSF-4SC 4SC -4 at 90°

Special Options for Street Lighting

- Cat. No. TB
 No Option

Terminal Block (TB): For field wire connections in the Large model only. 85AMP, 600V box clamp terminal block mounted to the housing inside the electrical compartment. Accepts #14 to #4 wire sizes. Factory prewired to electrical module quick-disconnect plug.