

Type:
Job:
Catalog number:

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

Approvals:

Date:
Page: 1 of 4

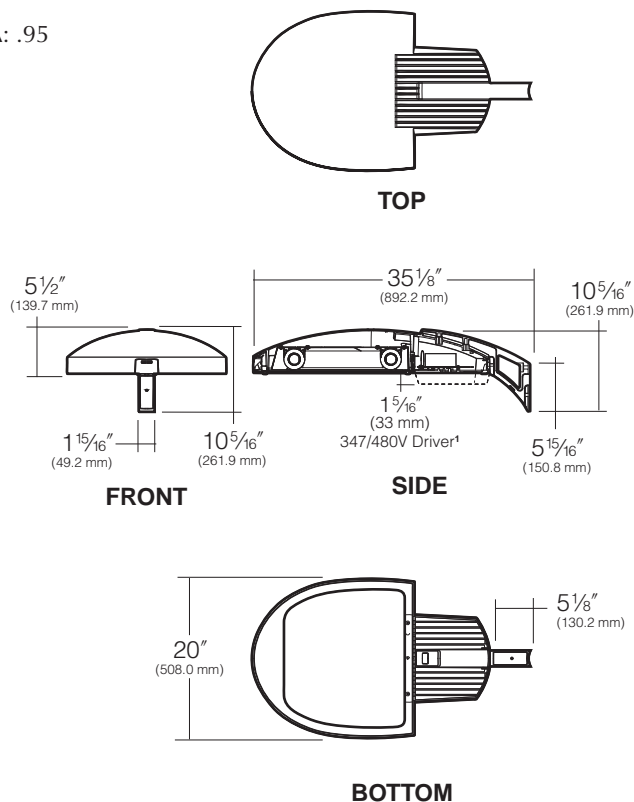
Select pole from Kim Pole Catalog. If pole is provided by others indicate O.D. for arm fitting.

Specifications

Dimensions

WP9L
 Large Induction Fluorescent
 100 to 150 watt

EPA: .95



¹ Driver compartment door extends down 1 5/16" on large housing to accommodate integral step-down transformer on 347V and 480V models (only).

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.

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.

Lamp and Ballast System: The inductively coupled electrodeless lamp uses magnetic induction technology to generate light. The absence of electrodes allow much longer lamp life up to 100,000 hour average rated life.

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.

Reflector Module: High specular optical segments are rigidly mounted within carrier plates to maintain form. No fasteners are placed on the reflective surface. The lamp is fastened to the housing as a one-piece 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

Warranty: Kim Lighting warrants Induction Lighting System luminaires to be free from defects in workmanship for a period of one (1) year on the housing and metal parts, and carry Sylvania's QL Induction Lighting System five (5) year warranty, from the date of sale of such goods to the buyer as specified in Kim Lighting shipment documents for each product. For an extended warranty coverage, contact factory.

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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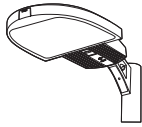
¹Suitable for wet locations.

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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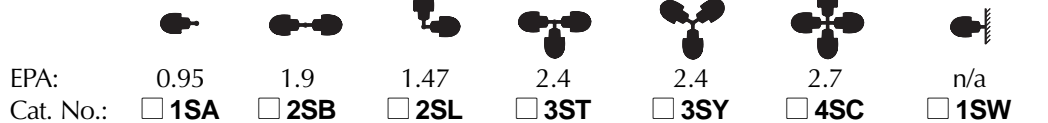


Standard Features

Mounting

3Y configuration is available for round poles only.

Plan View:



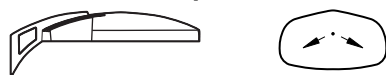
EPA: 0.95 1.9 1.47 2.4 2.4 2.7 n/a
 Cat. No.: 1SA 2SB 2SL 3ST 3SY 4SC 1SW

Fixture

Cat. No. designates fixture and light distribution.

See the Kim WARP9 Catalog for detailed information on reflector design and application.

Horizontal Lamp



Light Distribution: Type III
 Cat. No.: WP9LIF3

Electrical Module

IF = Induction Fluorescent

Lamp Watts	Lamp Type	Line Volts
100	IF	277

Induction lamp is a product of Sylvania Osram

Cat. Nos. for Electrical Modules available:

<input type="checkbox"/> 100IF120	<input type="checkbox"/> 150IF120
<input type="checkbox"/> 100IF208	<input type="checkbox"/> 150IF208
<input type="checkbox"/> 100IF240	<input type="checkbox"/> 150IF240
<input type="checkbox"/> 100IF277	<input type="checkbox"/> 150IF277
<input type="checkbox"/> 100IF347 ¹	<input type="checkbox"/> 150IF347 ¹
<input type="checkbox"/> 100IF480 ¹	<input type="checkbox"/> 150IF480 ¹

Lamp	Iceatron® Ecologic®	Iceatron® Ecologic®
Ballast	Quicktronic®	Quicktronic®
Total System Watts	106	161

¹Available with step-down transformer.

Finish

Super TGIC powder coat paint over a titanated zirconium conversion coating.

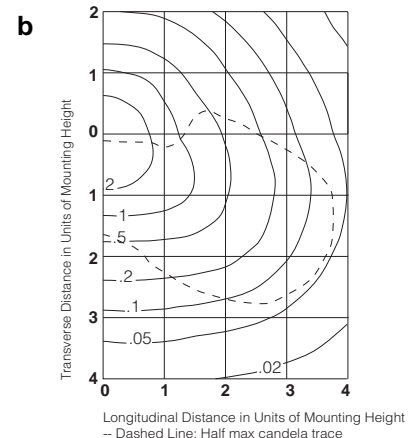
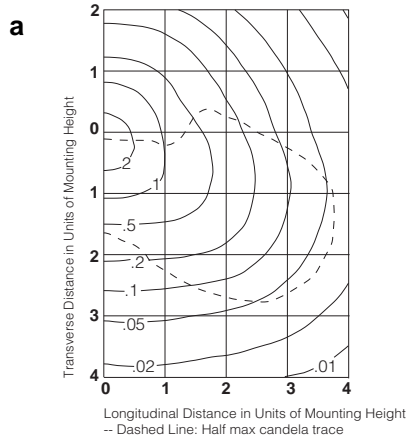
Color: Black Dark Bronze Stealth Gray™ Platinum Silver White Custom Color²
 Cat. No.: BL DB SG PS WH CC

²Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

Photometrics

a. Cat. #: WP9L3/100IF
 Report #: KL01844
 Large, 100 Watt
 20' Mounting Height

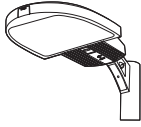
b. Cat. #: WP9L3/150IF
 Report #: KL01844
 Large, 150 Watt
 20' Mounting Height



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Job:

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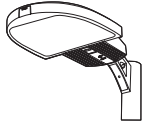
Optional Features

<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/277V Cat. No.: <input type="checkbox"/> SF</p>	<p>Single Fuse</p>																				
<p>Photocell Controls Cat. Nos. <i>receptacle</i> <input type="checkbox"/> A-25 <i>Line</i> <i>Button</i> <i>Volts</i> <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>	<table border="1" data-bbox="917 1176 1537 1419"> <tr> <td></td> <td style="text-align: center;">*</td> <td style="text-align: center;">*</td> <td style="text-align: center;">S</td> <td style="text-align: center;">*</td> </tr> <tr> <td style="text-align: center;">1A, 1W</td> <td style="text-align: center;">2B</td> <td style="text-align: center;">S</td> <td style="text-align: center;">S</td> <td style="text-align: center;">S</td> </tr> <tr> <td style="text-align: center;">2L</td> <td style="text-align: center;">3T, 3Y</td> <td style="text-align: center;">4C</td> <td style="text-align: center;">4C</td> <td style="text-align: center;">4C</td> </tr> <tr> <td>Allowable wattage per fixture:</td> <td style="text-align: center;">150-400W</td> <td style="text-align: center;">150-250W</td> <td style="text-align: center;">400W</td> <td style="text-align: center;">400W</td> </tr> </table>		*	*	S	*	1A, 1W	2B	S	S	S	2L	3T, 3Y	4C	4C	4C	Allowable wattage per fixture:	150-400W	150-250W	400W	400W
	*	*	S	*																		
1A, 1W	2B	S	S	S																		
2L	3T, 3Y	4C	4C	4C																		
Allowable wattage per fixture:	150-400W	150-250W	400W	400W																		
<p>Lexan® Lens Cat. No. <input type="checkbox"/> SLX <input type="checkbox"/> No Option</p>	<p>One-piece vacuum formed advanced polymer (Lexan®) enclosure covers standard tempered glass lens. CAUTION: Use only when vandalism is anticipated to be high.</p>	<p>Lexan® Lens</p>																				
<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>	<p>Houseside Shield</p>																				

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Optional Features

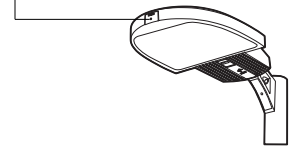
Tamper-Resistant Latch

- 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

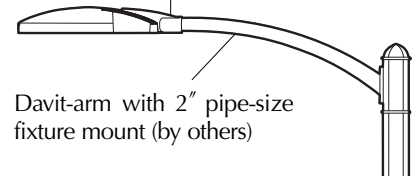


Horizontal Slipfitter Mount

- 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



Vertical Slipfitter Mounts

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

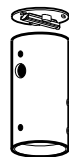
Allows fixture or fixtures with standard mounting arm to mount to a pole with a 2" pipe-size tenon (2 3/8" OD). Minimum 4" tenon length required.

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.

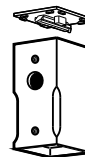
Cat. No.

- VSF-1SA
 VSF-2SB
 VSF-2SL
 VSF-3ST
 VSF-3SY
 VSF-4SC



Round

Stainless steel set screws



Square

Cat. No.

- SVSF-1SA
 SVSF-2SB
 SVSF-2SL
 SVSF-3ST
 SVSF-4SC

Mounting Configuration

- 1SA -single arm mount
 2SB -2 at 180°
 2SL -2 at 90°
 3ST -3 at 90°
 3SY -3 at 120°
 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.