

Type:
Job:
Catalog number:

Approvals:

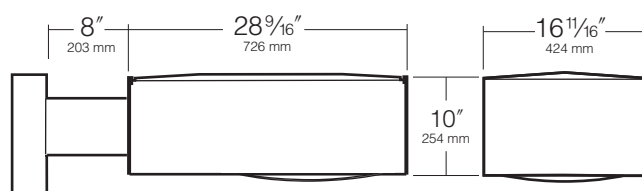
/ EKG501 / / / / /

Mtg. Fixture Electrical Module Finish Options Pole*
 See page 2 See page 3

Date:
Page: 1 of 3

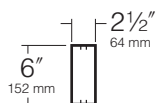
*Select pole from Kim Arms and Poles Selection Guide. If pole is provided by others indicate O.D. for arm fitting.

Specifications



side view

front view



arm section

Housing: Fabricated from a one-piece extruded aluminum side panel with mitered corners that are internally welded and sealed for weathertightness. A press-formed aluminum top cover interlocks with housing, and has a continuous seal of silicone rubber resistant to weathering, moisture, UV and ozone. Top is peaked for increased strength and efficient water runoff. Housing to be satin polished to eliminate extrusion die marks.

Reflector Module: Specular Alzak® optical segments are rigidly mounted within a die-cast aluminum enclosure that attaches to the housing as a one-piece module. HPS and PMH sockets are porcelain 4KV pulse rated mogul base. All reflector modules are factory prewired with quick-disconnect plug.

Lens Frame Assembly: A 3/16" thick impact resistant clear tempered flat glass lens enclosed by a one-piece molded high temperature gasket. Lens and gasket interlocks in an extruded aluminum frame which hinges at the pole end, and closes and tightly seals the optical chamber by four captive fasteners. Lens frame is removable without tools by means of quick-disconnecting hinges.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Ballast assembly attaches to fixture using quick-disconnecting key slots. Fast field wiring is provided for by prewiring all electrical components with quick-disconnect plugs. Ballast is high power factor of 90% or better and with starting temperatures of -20°F. Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

Support Arm: One-piece rectangular extruded aluminum with internal centering guides. Luminaire-to-pole attachment is by internal mechanical draw bolts, and includes a pole reinforcing plate with wire strain relief.

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, Platinum Silver, Stealth Gray™, or White. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

Optional Anodized Finish: Dark Bronze Architectural Class 1 Anodize over satin polish.

Certification: 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

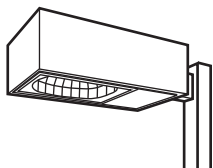
UL cUL 1598 standards ¹	IP66 Rated	25C Ambient
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¹Suitable for wet locations.


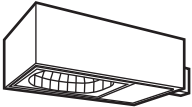
KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Type:

Job:



Standard Features

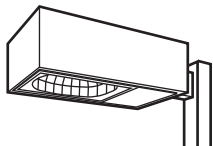
<p>Mounting</p>	<p>Plan View: </p> <p>EPA: 2.8 5.6 3.8 6.1 6.6 n/a</p> <p>Cat. No.: <input type="checkbox"/> 1A <input type="checkbox"/> 2B <input type="checkbox"/> 2L <input type="checkbox"/> 3T <input type="checkbox"/> 4C <input type="checkbox"/> 1W</p>																																																																																																																													
<p>Fixture Cat. No. designates fixture with standard mounting arm.</p>	<p>Cat. No.: EKG501</p> 																																																																																																																													
<p>Electrical Module</p> <p>HPS = High Pressure Sodium</p> <p>PMH = Pulse Start Metal Halide</p> <p>Lamp Watts Lamp Type Line Volts</p> <p>400 HPS 277</p>	<p>Cat. Nos. for Electrical Modules available:</p> <table border="1"> <thead> <tr> <th></th> <th colspan="4">High Pressure Sodium</th> </tr> </thead> <tbody> <tr> <td></td> <td><input type="checkbox"/> 150HPS120</td> <td><input type="checkbox"/> 200HPS120</td> <td><input type="checkbox"/> 250HPS120</td> <td><input type="checkbox"/> 400HPS120</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 150HPS208</td> <td><input type="checkbox"/> 200HPS208</td> <td><input type="checkbox"/> 250HPS208</td> <td><input type="checkbox"/> 400HPS208</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 150HPS240</td> <td><input type="checkbox"/> 200HPS240</td> <td><input type="checkbox"/> 250HPS240</td> <td><input type="checkbox"/> 400HPS240</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 150HPS277</td> <td><input type="checkbox"/> 200HPS277</td> <td><input type="checkbox"/> 250HPS277</td> <td><input type="checkbox"/> 400HPS277</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 150HPS347</td> 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NOTE: Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start metal halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims. (Visit www.aboutlightingcontrols.org or the Library of Congress website for more details).

<p>Finish</p> <p>Super TGIC powder coat paint over titanated zirconium conversion coating.</p> <p>Optional Architectural Class 1 anodized finish is available at extra cost.</p>	<p>Standard Finishes:</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> <p>Optional Anodized Finish: (Available at extra cost.)</p> <p>Color: Dark Bronze Anodize</p> <p>Cat. No.: <input type="checkbox"/> DB-A</p>
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Type:

Job:

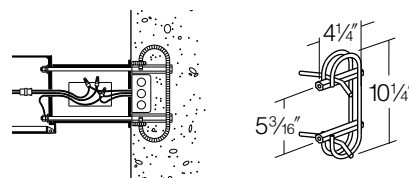


Optional Features

Wall Mounting

- Cat. No. 1W
 No Option

A modified arm containing an access hole to allow field splices within the arm. A wall embedment bracket (**WEB**) is provided to accept fixture mounting rods, and a trim plate shall be provided to cover the wall embedded junction box (J-box by others.) All exposed parts are finished to match the fixture. For concrete mounting only.



Wall mount using wall embedment bracket - J-box in wall (by others)

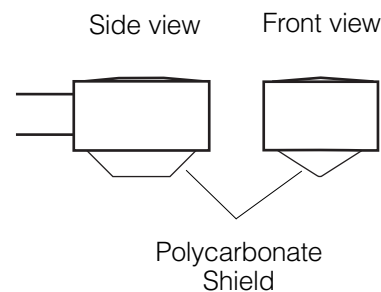
Polycarbonate Shield

- Cat. No. LS
 No Option

Optional Polycarbonate Shield replaces standard tempered glass lens. One piece vacuum formed clear polycarbonate. Polycarbonate Shield is semi-pyramidal in shape for high thermal resistance, impact resistance and light transmission. 250 watt maximum.

NOTE: May be used with 400HPS in outdoor locations where ambient air temperature during fixture operation will not exceed 85°F.

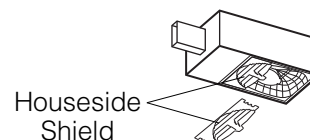
CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited by discoloration caused by UV from sunlight and metal halide lamps.



Houseside Shield

- Cat. No. HS
 No Option

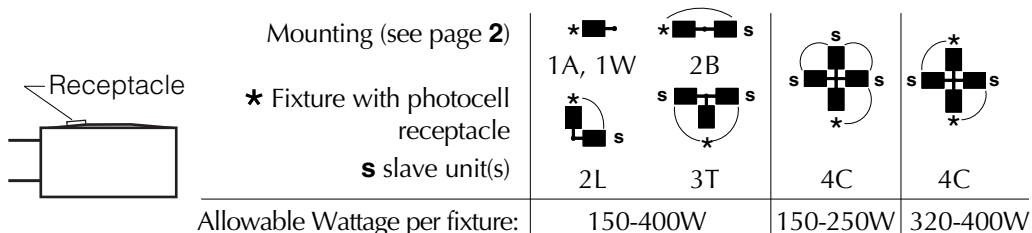
For highly reduced light on houseside. Two shielding components permanently installed at the Kim factory. One component reduces light directly from the lamp; the other component reduces reflected light. Recommended for use with clear lamps only.



Photocell Receptacle

- Cat. No. A-25
 No Option

A fully gasketed receptacle installed above the electrical compartment for NEMA base photocell (by others). For all multiple-fixture pole mountings with two or three fixtures, one fixture has a receptacle to operate the others. Four fixtures (250 watt or less) also require one fixture with a receptacle. Four fixtures (400 watt) require two fixtures with receptacles.



Poles

See Kim Arms and Poles Selection Guide for a complete selection of square and round poles in aluminum or steel.