

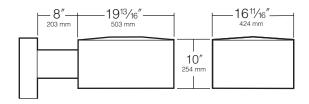


Shoebox Luminaire

revision 8/1/16 • kl ekg401 spec.pdf

Type: Job: Catalog number:						CUL US LISTED SOUCK and warmen		Approvals:
	/ EKG401	/	/	/	/			
Mtg.	Fixture	Electrica	l Module Finish	Options		Pole		
	Se	ee page 2 —		See page 3		— roie		Date:
Selec	t pole from Ki	m Arms ar	nd Poles Selectio	n Guide. If pole is	provided by others	indicate O	.D. for arm fitting.	Page: 1 of 3

Specifications



side view

front view



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.

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% 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: Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, Titanium 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.

Warranty: For full warranty see http://www.hubbelllighting.com/resources/warranty.



Listings and Ratings					
UL cUL 1598 standards ¹	IP66 Rated	25C Ambient			

Suitable for wet locations.
KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.





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KIM	LIGHTING

Type:

Job: Page: 2 of 3



Standard Features

Mounting	Plan View: Wall Mou					
	EPA: 2.1 4.2 3.5 4.5 5.0 n/a Cat. No.: \Box 1A \Box 2B \Box 2L ¹ \Box 3T ¹ \Box 4C ¹ \Box 1W					
	¹ Side arm mounted EKG fixtures are <u>not compatible</u> for use with poles less than 3.5" in diameter at mounting location.					
Fixture Cat. No. designates fixture with standard mounting arm.	Cat. No.: EKG401					
Electrical Module HPS = High Pressure Sodium PMH = Pulse Start Metal Halide Lamp Lamp Line	Cat. Nos. for Electrical Modules available: High Pressure Sodium 70HPS120 100HPS120 200HPS120 250HPS120 70HPS208 100HPS208 250HPS208 70HPS240 100HPS240 200HPS240 250HPS240 70HPS277 100HPS277 150HPS277 200HPS277 250HPS277 70HPS347 100HPS347 150HPS347 200HPS347 250HPS347 70HPS480 100HPS480 150HPS480 200HPS480 250HPS480					
Watts Type Volts	Lamp E-23½, Clear E-23½, Clear E-23½, Clear E-23½, Clear E-18, Clear					
250 HPS 277	Socket Mogul Base Mogul Base Mogul Base Mogul Base Mogul Base Mogul Base S-50 NSI Ballast S-62 S-54 S-55 S-66 S-50					
	Pulse Start Metal Halide 200PMH120 200PMH208 250PMH208 200PMH240 200PMH247 250PMH277 200PMH347 200PMH347 200PMH3480 Lamp T-15, Clear BT-28 or ED-28, Clear Socket Mogul Base Mogul Base ANSI Ballast M-136 NOTE: Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe sta metal halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacemer ballasts for warranty service claims. (Visit www.aboutlightingcontrols.org or the Library of Congress website for more details).					
Finish TGIC powder coat Optional Architectural Class 1 anodized finish is available at extra cost.	Standard Finishes: Color: Black Dark Bronze Light Gray Platinum Silver Titanium White Custom Color¹ Cat. No.: BL DB LG PS TT WH CC ¹Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description:					
	Optional Anodized Finish: (Available at extra cost.) Color: Dark Bronze Anodize Cat. No.: □ DB-A					

EKG401

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Type:

Job: Page: 3 of 3



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.	Optional Polycarbonate Shield replaces standard tempered glass lens. One-piece vacuum formed clear polycarbonate. Polycarbonate Shield is semi-pyramidical 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.	Side view Front view Polycarbonate Shield
Houseside Shield Cat. No.	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.	Houseside Shield
Photocell Receptacle Cat. No. A-25 No Option	A fully gasketed receptacle installed above the electrical (by others). For all multiple-fixture pole mountings, one others. Mounting (see page 2 * Fixture with photocell receptacle s slave unit(s) Allowable wattage per fixture:	e fixture has a receptacle to operate the 2)
Poles © 2016 KIM LIGHTING • 16555 FAST (See Kim Arms and Poles Selection Guide for a complet in aluminum or steel. GALE AVENUE, CITY OF INDUSTRY, CA 91745-1788 • TEL: 626/968-5666 •	e selection of square and round poles