

Type:
Job:
Catalog number:

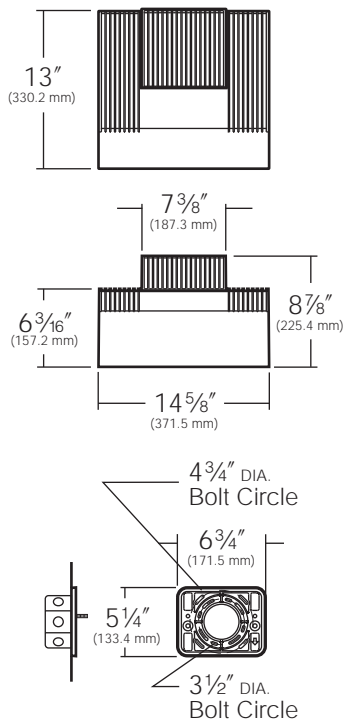
/ / /
 Fixture Electrical Module Finish Options
 See page 2 See pages 3-4

Approvals:

Date:
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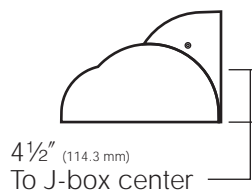
Specifications

Maximum Fixture
 Weight (150HPS) = 26 lb



Mounting Plate

Attaches directly to any standard 4" J-box (by others)



Reflector Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling fins. Rotates against ballast housing to provide 10° of adjustment with degree markers cast into the housing. At 0° adjustment, lens is totally concealed from view above horizontal with fixture aimed downward.

Ballast Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling fins. Fastens to mounting plate with keyhole slots freeing both hands for securing and wiring. One stainless steel socket-head screw on each side of housing frees the reflector housing to rotate for aiming. Tightening the screws locks the two housings together with sealing provided by a silicone gasket. For visual aiming, adjustment may be accomplished with the fixture on.

Lens Frame: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral hinges and stainless steel pins. Two stainless steel quarter-turn fasteners secure lens frame to reflector housing with sealing provided by a one-piece extruded and vulcanized silicone gasket. Lens is clear flat 3/16" thick tempered glass sealed to lens frame with a silicone gasket and retainer clips. For UP models, lens is mounted flush with frame for water run off, and is silicone sealed.

Type II, III, and IV Reflector Module: Specular Alzak® optical segments are rigidly mounted within a die-cast aluminum enclosure that attaches to the housing by a no-tool quick-disconnecting hinge and fastener. All sockets are porcelain medium base rated 4KV. All modules are factory prewired with a quick-disconnect plug for mating to the ballast. Available in three light distributions, all interchangeable within the same housing.

Wall Grazer Reflector Module: Specular Alzak® optical segment is rigidly formed into a self-contained module which attaches to the housing by a no-tool quick-disconnecting hinge and fastener. Black louver vanes run parallel to the lamp arc for controlling the hot spot directly behind the fixture, and spill light into the atmosphere. All sockets are porcelain medium base rated 4KV. All modules are factory prewired with a quick-disconnect plug for mating to the ballast.

Spot Reflector Module: Specular Alzak® optical spun parabola is rigidly mounted to a self-contained module which attaches to the housing by a no-tool quick-disconnecting hinge and fastener. Black internal louvers are provided to control the beam and prevent hot spots directly behind the fixture and spill light into the atmosphere. All sockets are porcelain medium base rated 4KV. All modules are factory prewired with a quick-disconnect plug for mating to the ballast.

Electrical Components: High power factor ballasts are rigidly mounted inside the housing and are factory prewired with a quick-disconnect plug for mating to the socket. Starting temperatures are -40°F for HPS lamp modes and -20°F for PMH lamp modes.

Mounting Plate: Mounting plate attaches directly to any standard 4" junction box. All mounting plates are die-cast aluminum with reinforced ribs. Two studs are provided in each plate with flange nuts to allow fixture mounting by keyhole slots. Sealant must be applied (by others) between mounting plate and mounting surface to insure a dry junction box.

Finish/Color: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T.M. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, 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	25C Ambient
	IP66 Rated	

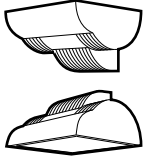
¹Suitable for wet locations

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.









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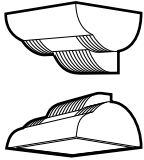
Standard Features

<p>Fixture Cat. No. designates WD14 fixture, Up (U) or Down (D) configuration, and light distribution (2, 3, 4, G or S).</p>	<div style="display: flex; justify-content: space-around; align-items: center;">       </div> <p>WD Fixture</p> <p>Light Distribution:</p> <p>Cat. No.: (Up 14") <input type="checkbox"/> WD14U2 <input type="checkbox"/> WD14U3 <input type="checkbox"/> WD14U4 <input type="checkbox"/> WD14UG <input type="checkbox"/> WD14US</p> <p>Cat. No.: (Down 14") <input type="checkbox"/> WD14D2 <input type="checkbox"/> WD14D3 <input type="checkbox"/> WD14D4 <input type="checkbox"/> WD14DG <input type="checkbox"/> WD14DS</p>
<p>Finish Super TGIC powder coat paint over a titanated zirconium conversion coating.</p>	<p>Color: Black Dark Bronze Light Gray Stealth Gray® Platinum Silver White Custom Color¹</p> <p>Cat. No.: <input type="checkbox"/> BL <input type="checkbox"/> DB <input type="checkbox"/> LG <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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Standard Features

Electrical Module

PMH = Pulse Start Metal Halide
HPS = High Pressure Sodium
PL = Compact Fluorescent Triple Tube
IF = Induction Fluorescent



Lamp Watts Lamp Type Line Volts
150 PMH 277

Lamp and electrical data supplied for reference purposes only. All initial lumen values shown may vary from one manufacturer to another. Consult lamp manufacturer's data for exact lumen and life data.

NOTE: For lamp/ballast information outside of the U.S.A. and Canada, please consult your local Kim representative.

WARNING: Fixtures must be installed and grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury. For lamp/ballast information outside of the U.S.A. and Canada, please consult your local Kim representative. Lamps by others.

Cat. Nos. for Electrical Modules available:

Pulse Start Metal Halide					
<input type="checkbox"/> 50PMH120 ⁴	<input type="checkbox"/> 70PMH120 ⁴	<input type="checkbox"/> 100PMH120 ⁴	<input type="checkbox"/> 125PMH120 ⁴	<input type="checkbox"/> 150PMH120 ⁴	
<input type="checkbox"/> 50PMH208 ⁴	<input type="checkbox"/> 70PMH208 ⁴	<input type="checkbox"/> 100PMH208 ⁴	<input type="checkbox"/> 125PMH208 ⁴	<input type="checkbox"/> 150PMH208 ⁴	
<input type="checkbox"/> 50PMH240 ⁴	<input type="checkbox"/> 70PMH240 ⁴	<input type="checkbox"/> 100PMH240 ⁴	<input type="checkbox"/> 125PMH240 ⁴	<input type="checkbox"/> 150PMH240 ⁴	
<input type="checkbox"/> 50PMH277 ⁴	<input type="checkbox"/> 70PMH277 ⁴	<input type="checkbox"/> 100PMH277 ⁴	<input type="checkbox"/> 125PMH277 ⁴	<input type="checkbox"/> 150PMH277 ⁴	
<input type="checkbox"/> 50PMH347 ⁴	<input type="checkbox"/> 70PMH347 ⁴	<input type="checkbox"/> 100PMH347 ⁴	<input type="checkbox"/> 150PMH347 ⁴	<input type="checkbox"/> 150PMH347 ⁴	
<input type="checkbox"/> 50PMH480 ^{3,4}	<input type="checkbox"/> 70PMH480 ^{3,4}	<input type="checkbox"/> 100PMH480 ^{3,4}			
150PMH480^{3,4}					
Lamp	ED-17 Clear	T6 Clear, or ED-17 Clear	ED-17 Clear	ED-17 Clear	T6 Clear. or ED-17 Clear
Socket	Medium Base	G-12 Base, or Medium Base	Medium Base	Medium Base	G-12 Base, or Medium Base
ANSI Ballast	M148, M110	M143, M98	M140, M90	M150	M142, M102

High Pressure Sodium		
<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input type="checkbox"/> 150HPS120
<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 150HPS208
<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 150HPS240
<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 150HPS277
<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	<input type="checkbox"/> 150HPS347
<input type="checkbox"/> 70HPS480 ³	<input type="checkbox"/> 100HPS480 ³	<input type="checkbox"/> 150HPS480 ³
Lamp	ED-17 Clear	ED-17 Clear, ED-17 Clear,
Socket	Medium Base	Medium Base
ANSI Ballast	S-62	S-54

Fluorescent	Compact Fluorescent		Induction
	<input type="checkbox"/> 42PL120 ¹	<input type="checkbox"/> 57PL120 ^{1,2}	<input type="checkbox"/> 55IF120
<input type="checkbox"/> 42PL208 ¹	<input type="checkbox"/> 57PL208 ^{1,2}	<input type="checkbox"/> 55IF208	
<input type="checkbox"/> 42PL240 ¹	<input type="checkbox"/> 57PL240 ^{1,2}	<input type="checkbox"/> 55IF240	
<input type="checkbox"/> 42PL277 ¹	<input type="checkbox"/> 57PL277 ^{1,2}	<input type="checkbox"/> 55IF277	
Lamp	Coated	Coated	Induction
Socket	GX24q-4 Base	GX24q-5 Base	---
ANSI Ballast	---	---	---

¹ Multiple CFL lamp configurations (ie, two 42W lamps) are possible with certain optical systems. Consult factory for details.

² Remote battery pack and test switch available for 57W CFL lamps - consult factory.

³ 480 volt with medium base lamp sockets may require approval by the local building code authority.

⁴ **CAUTION:** All manufacturers of metal halide lamps recommend turning them off for 15 minutes once per week when under continuous operation. This will reduce the risk of arc tube rupture at end of life. Also, color temperature may differ between manufacturers of metal halide lamps. See lamp manufacturers' specification sheets.

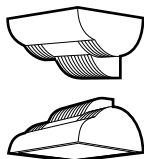
NOTE: Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start metal halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims.

(http://www.aboutlightingcontrols.org/education/papers/2008_energy_law.shtml#metahalide).

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Optional Features

Base Socket

Cat. No. **G12**
 No Option

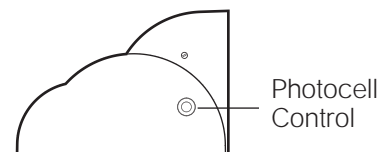
G12 base socket available for 70W and 150W Pulse Start Metal Halide lamps only.

Photocell Control

Cat. No. (see right)
 No Option

Factory installed inside housing with fully gasketed sensor on side wall.

Cat. No.	Line Volts:	Cat. No.	Line Volts:
<input type="checkbox"/> A-30	120V	<input type="checkbox"/> A-33	277V
<input type="checkbox"/> A-31	208V	<input type="checkbox"/> A-34	480V
<input type="checkbox"/> A-32	240V	<input type="checkbox"/> A-35	347V



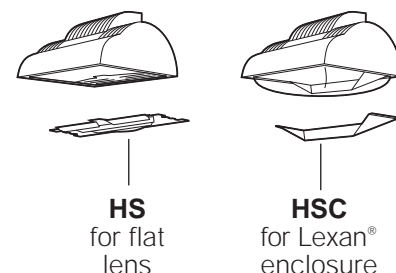
Houseside Shield

Cat. No. **HS**
 HSC
 No Option

Combination louver shield and black end-panel for reflector. Factory installed to reflector module. Reduces light toward wall by the amounts shown.

CAUTION: Do not use the Houseside Shield option with the Wall Grazer as it will interfere with the light distribution.

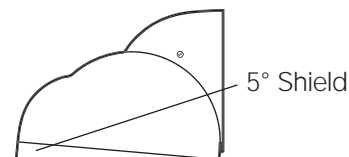
Approximate Light	Type II	Type III	Type IV
Reduction Toward Wall	-43%	-74%	-77%



5° Shield

Cat. No. **5DS14**
 No Option

Aluminum shield field-attached to lens frame. Maintains a horizontal cutoff fixture edge when the luminaire is tilted 5°. Finished to match the fixture.

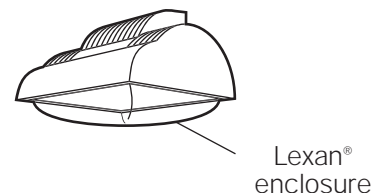


Lexan® Non-yellowing Enclosure:

Cat. No. **LS**
 No Option

For DOWN fixture models only. Clear convex vacuum formed non-yellowing Lexan® enclosure with gasket replaces standard tempered glass lens.

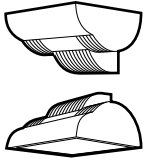
NOTE: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight and MH lamps. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance.



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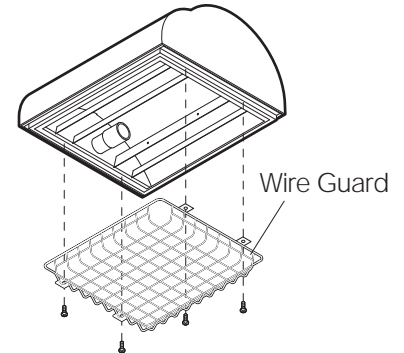
Optional Features

Wire Guard

Cat. No. **WG14**
 No Option

11 ga. (.12" dia.) BB Wire, (.75" sq. welded mesh pattern,) 11³/₈" x 10¹/₄" x 1¹/₂" deep. Finish is super TGIC thermoset polyester powder coat paint, over zinc plated wireform. Finished to match the fixture.

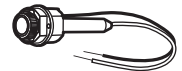
NOTE: Only available with flat lens applications.



Fusing

Cat. No. (see right)
 No Option

Line Volts: 120V 208V 240V 277V 347V 480V
Cat. No.: **SF** **DF** **DF** **SF** **SF** **DF**



Quartz Standby

Cat. No. **QS**
 No Option

Integral electronic device energizes a T-4 mini-can socket during initial lamp start-up or after a power interruption. De-energizes prior to HID lamp reaching full brightness. T-4 halogen lamp by others; 100 watt maximum.



Surface Conduit Mount

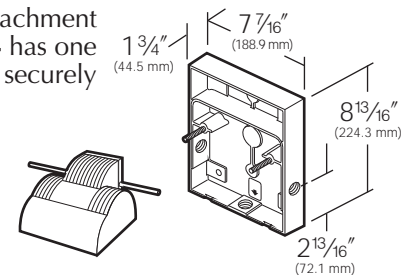
Cat. No. **SCM14U**
 SCM14D
 No Option

Cast aluminum junction box and fixture mount for attachment (by others) to existing walls, beams or columns. **SCM14** has one 3/4" NPT conduit tap in each side and bottom. Must be securely mounted to wall surface. Finished to match the fixture.

SCM14U for UP fixtures only.

SCM14D for DOWN fixtures only.

Note: Must be securely mounted to all surface.



Battery Back-up:

Cat. No. **EM**
 No Option

Internal battery pack provides 90 minutes of supplement light at 750 lumens on 26, 32, or 42 watt compact fluorescent lamps. (Remote mounted battery pack also available for 57W CFL - consult factory.)

