

**Type:**  
**Job:**  
**Catalog number:**

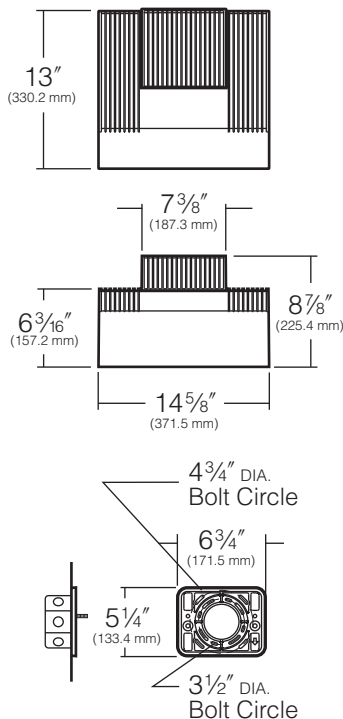
\_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Fixture    Electrical Module    Finish    Options  
 \_\_\_\_\_  
 See page 2                                      See pages 3-4

**Approvals:**

**Date:**  
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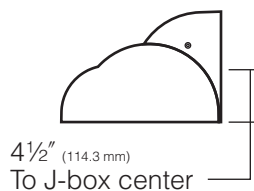
## Specifications

55 watt  
 Induction Fluorescent



### 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.

**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. All reflector modules are factory prewired with quick-disconnect plug and include silicone seal at the penetration of the internal barrier wall in the luminaire housing. The induction lamp is mounted to housing wall.

**Electrical Module:** All electrical components are UL and CSA recognized, mounted on a single bracket and factory pre-wired with quick-disconnect plugs. A complete HF generator and induction lamp system is furnished mounted to the aluminum plate inside housing. Induction Lamp system is high power factor rated for -40°F, starting.

**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.

**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 Philips' Lighting Company 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 <sup>1</sup>	IP66 Rated	CE	25C Ambient
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<sup>1</sup>Suitable for wet locations

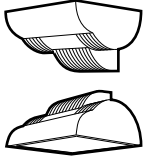
KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.





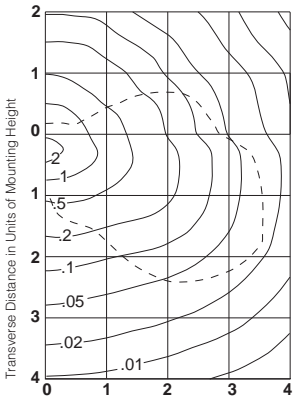
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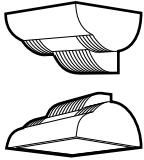
## Standard Features

<p><b>Fixture</b>          Cat. No. designates <b>WD14</b> fixture, Up (U) or Down (D) configuration.</p>	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">             WD Fixture         </div> <div style="text-align: center;">             Type III            Full Cutoff         </div> </div> <p>Light Distribution:</p> <p>Cat. No.: (Up 14")    <input type="checkbox"/> <b>WD14U3</b></p> <p>Cat. No.: (Down 14")    <input type="checkbox"/> <b>WD14D3</b></p>																			
<p><b>Finish</b>          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 Color<sup>1</sup></p> <p>Cat. No.: <input type="checkbox"/> <b>BL</b>    <input type="checkbox"/> <b>DB</b>    <input type="checkbox"/> <b>LG</b>    <input type="checkbox"/> <b>SG</b>    <input type="checkbox"/> <b>PS</b>    <input type="checkbox"/> <b>WH</b>    <input type="checkbox"/> <b>CC</b></p> <p><sup>1</sup>Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____</p>																			
<p><b>Electrical Module</b>  <b>IF</b> = Induction Fluorescent</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">Lamp</th> <th style="text-align: center;">Lamp</th> <th style="text-align: center;">Line</th> </tr> <tr> <th style="text-align: center;">Watts</th> <th style="text-align: center;">Type</th> <th style="text-align: center;">Volts</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>55</b></td> <td style="text-align: center;"><b>IF</b></td> <td style="text-align: center;"><b>277</b></td> </tr> </tbody> </table>	Lamp	Lamp	Line	Watts	Type	Volts	<b>55</b>	<b>IF</b>	<b>277</b>	<p>Cat. Nos. for Electrical Modules available:</p> <table style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 50%;"><input type="checkbox"/> <b>55IF120</b></td> <td style="width: 50%;"><input type="checkbox"/> <b>55IF208</b></td> </tr> <tr> <td><input type="checkbox"/> <b>55IF240</b></td> <td><input type="checkbox"/> <b>55IF277</b></td> </tr> </table> <table style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">Lamp</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">Induction Lamp</td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">ANSI Ballast</td> <td style="border-bottom: 1px solid black; text-align: center;">Electronic</td> </tr> <tr> <td style="border-bottom: 1px solid black; text-align: center;">Total System Watts</td> <td style="border-bottom: 1px solid black; text-align: center;">57</td> </tr> </table>	<input type="checkbox"/> <b>55IF120</b>	<input type="checkbox"/> <b>55IF208</b>	<input type="checkbox"/> <b>55IF240</b>	<input type="checkbox"/> <b>55IF277</b>	Lamp	Induction Lamp	ANSI Ballast	Electronic	Total System Watts	57
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<p><b>Photometrics</b>          Cat. #: WD14D3/55IF          Report #: KL01930          Small, 55 Watt          16' Mounting Height</p>	 <p style="font-size: small; margin-top: 5px;">       Transverse Distance in Units of Mounting Height        Longitudinal Distance in Units of Mounting Height        -- Dashed Line: Half max candela trace     </p>																			

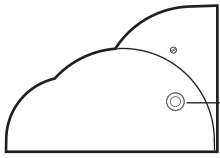

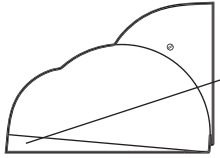
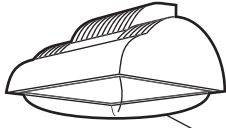
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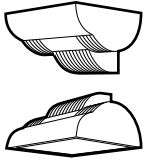
## Optional Features

<p><b>Photocell Control</b>          Cat. No. (see right)  <input type="checkbox"/> No Option</p>	<p>Factory installed inside housing with fully gasketed sensor on side wall.</p> <table border="0"> <tr> <td>Cat. No.</td> <td>Line Volts:</td> <td>Cat. No.</td> <td>Line Volts:</td> </tr> <tr> <td><input type="checkbox"/> A-30</td> <td>120V</td> <td><input type="checkbox"/> A-33</td> <td>277V</td> </tr> <tr> <td><input type="checkbox"/> A-31</td> <td>208V</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> A-32</td> <td>240V</td> <td></td> <td></td> </tr> </table>	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-32	240V			 <p>Photocell Control</p>
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<p><b>Houseside Shield</b>          Cat. No. <input type="checkbox"/> HS  <input type="checkbox"/> HSC  <input type="checkbox"/> No Option</p>	<p>Combination louver shield and black end-panel for reflector. Factory installed to reflector module. Reduces light toward wall by the amounts shown.</p> <p><b>CAUTION:</b> Do not use the Houseside Shield option with the Wall Grazer as it will interfere with the light distribution.</p>	 <p>HS for flat lens</p>																
<p><b>5° Shield</b>          Cat. No. <input type="checkbox"/> 5DS14  <input type="checkbox"/> No Option</p>	<p>Aluminum shield field-attached to lens frame. Maintains a horizontal cutoff fixture edge when the luminaire is tilted 5°. Finished to match the fixture.</p>	 <p>5° Shield</p>																
<p><b>Lexan® Non-yellowing Enclosure:</b>          Cat. No. <input type="checkbox"/> LS  <input type="checkbox"/> No Option</p>	<p><b>For DOWN fixture models only.</b> Clear convex vacuum formed Lexan® enclosure with gasket replaces standard tempered glass lens.</p> <p><b>NOTE:</b> Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance.</p>	 <p>Lexan® enclosure</p>																

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Job:

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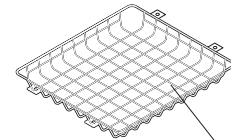
## Optional Features

### Wire Guard

Cat. No.  **WG14**  
 **No Option**

11 ga. (.12" dia.) BB Wire, (.75" sq. welded mesh pattern,) 11<sup>3</sup>/<sub>8</sub>" x 10<sup>1</sup>/<sub>4</sub>" x 1<sup>1</sup>/<sub>2</sub>" 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.

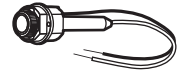


Wire Guard

### Fusing

Cat. No. **(see right)**  
 **No Option**

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



### 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.

