

Type:
Job:
Catalog number:

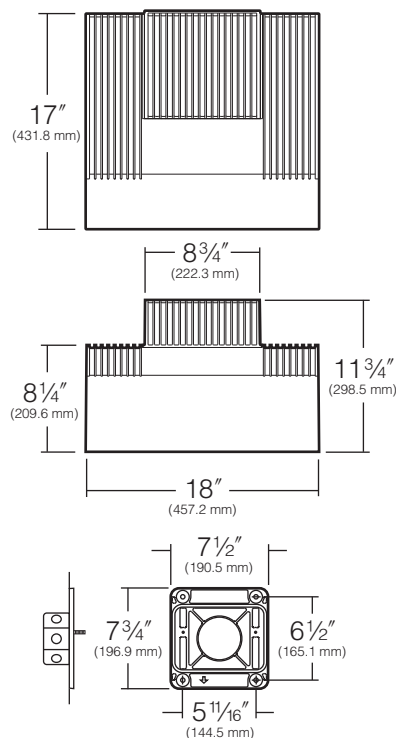
/	/	/	
Fixture	Electrical Module	Finish	Options
See page 2			See pages 3-4

Approvals:

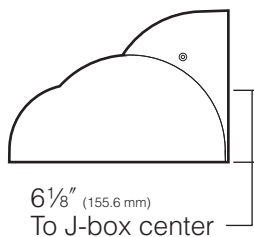
Date:
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Specifications

85 watt
 Induction Fluorescent



Mounting Plate must be securely attached to wall outside the J-box perimeter.



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: The standard mounting plate is attached to wall (by others) outside the junction box perimeter. 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: 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 ¹	CE	IP66 Rated	25C Ambient

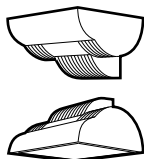
¹Suitable for wet locations

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Type:

Job:

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Standard Features

Fixture

Cat. No. designates **WD18** fixture, Up (U) or Down (D) configuration.



WD Fixture
Light Distribution:



Type III
Full Cutoff

Cat. No.: (Up 18") **WD18U3**

Cat. No.: (Down 18") **WD18D3**

Finish

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

Color: Black Dark Bronze Light Gray Stealth Gray® Platinum Silver White Custom Color¹

Cat. No.: **BL** **DB** **LG** **SG** **PS** **WH** **CC**

¹Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

Electrical Module

IF = Induction
Fluorescent

Lamp	Watts	Lamp	Type	Line	Volts
85	IF	277			

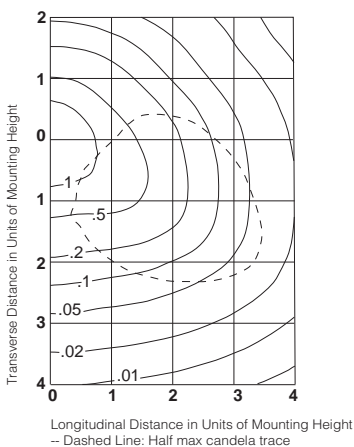
Cat. Nos. for Electrical Modules available:

- 85IF120**
- 85IF208**
- 85IF240**
- 85IF277**

Lamp	Induction Lamp
ANSI Ballast	Electronic
Total System Watts	89

Photometrics

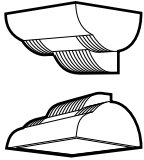
Cat. #: WD18D3/85IF
Report #: KL01295
Large, 85 Watt
20' Mounting Height



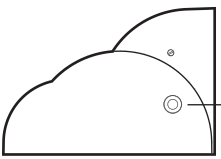

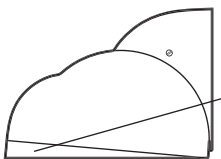
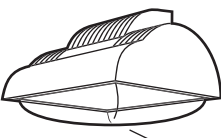
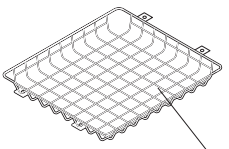
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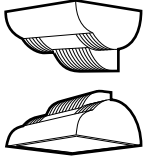
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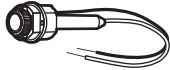
Optional Features

<p>Photocell Control Cat. No. (see right) <input type="checkbox"/> No Option</p>	<p>Factory installed inside housing with fully gasketed sensor on side wall.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Cat. No.</td> <td style="width: 25%;">Line Volts:</td> <td style="width: 25%;">Cat. No.</td> <td style="width: 25%;">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 style="text-align: right;">Photocell Control</p>
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>Houseside Shield Cat. No. (see right) <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>CAUTION: Do not use the Houseside Shield option with the Wall Grazer as it will interfere with the light distribution.</p>	 <p style="text-align: center;">HS for flat lens</p>																
<p>5° Shield Cat. No. <input type="checkbox"/> 5DS18 <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 style="text-align: right;">5° Shield</p>																
<p>Lexan® Enclosure: Cat. No. <input type="checkbox"/> LS <input type="checkbox"/> No Option</p>	<p>For DOWN fixture models only. Clear convex vacuum formed Lexan® enclosure with gasket replaces standard tempered glass lens.</p> <p>NOTE: 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 style="text-align: right;">Lexan® enclosure</p>																
<p>Wire Guard Cat. No. <input type="checkbox"/> WG18 <input type="checkbox"/> No Option</p>	<p>11 ga. (.12" dia.) BB Wire, (.75" sq. welded mesh pattern.) 15" x 14½" x 1½" deep. Finish is super TGIC thermoset polyester powder coat paint, over zinc plated wireform. Finished to match the fixture.</p> <p>NOTE: Only available with flat lens applications.</p>	 <p style="text-align: right;">Wire Guard</p>																

Type:
 Job:



Optional Features

<p>Fusing Cat. No. (see right) <input type="checkbox"/> No Option</p>	<p>Line Volts: 120V 208V 240V 277V Cat. No.: <input type="checkbox"/> SF <input type="checkbox"/> DF <input type="checkbox"/> DF <input type="checkbox"/> SF</p>	
<p>Surface Conduit Mount Cat. No. <input type="checkbox"/> SCM18 <input type="checkbox"/> No Option</p>	<p>Cast aluminum junction box and fixture mount for attachment (by others) to existing walls, beams or columns. SCM18 has one 3/4" NPT conduit tap in each side, top and bottom. Finished to match the fixture. SCM18 for all fixtures, UP and DOWN. Note: Must be securely mounted to all surface.</p>	