



KIM LIGHTING

PGL3 Omni-System® Double Row Parking Garage Luminaire, Induction Fluorescent

revision 5/26/10 • kim_pgl3if_spec.pdf

Type:
Job:
Fixture Catalog number:

PGL3 / /

Fixture Electrical Module Optional Features
 See page 2 See page 3

Fixture
Accessory number:

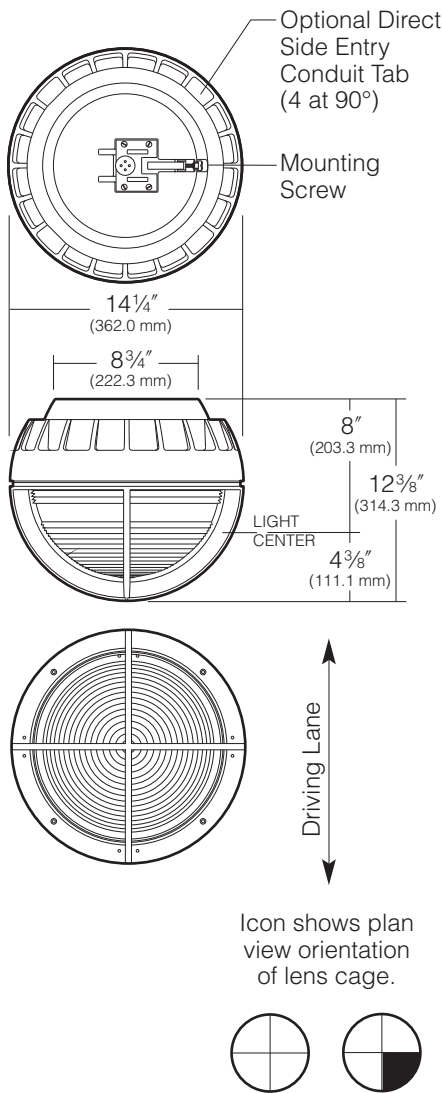
Ordered Separately from Fixture
See page 4

Approvals:

Date:
Page: 1 of 4

Specifications

Max. Fixture Weight - 26.5 lbs.
Louver Weight - 1 lb. each



Speed Mount: Formed steel, electro zinc plated for mounting to standard 4" junction boxes or mud boxes. Integral hooks are provided for mounting and securing the fixture. Speed mount is labeled with fixture icon and driving direction. (See Listings and Ratings).

Electrical Housing: Die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs. A stainless steel plate and hook are provided on the fixture top for suspending the fixture from the speed mount during field wire connections, and for final securing to the speed mount. Fixture wires are sealed at the exit point by a silicone grommet in the fixture top. A single stainless steel phillips head screw operates a mechanism that pulls and secures the fixture to the speed mount. Four locations are provided for optional direct side conduit entry (consult factory). Top is labeled with the fixture icon and driving direction to match the speed mount label.

Lens Cage and Refractor: Die-cast, low copper (<0.6% Cu) aluminum alloy lens cage retains a tempered borosilicate glass refractor. A one-piece molded silicone gasket surrounds the refractor flange and seals the lens cage to the electrical housing. Stainless steel clips secure the refractor to the lens cage. Lens cage ribs are 3/8" thick and divide the refractor into four quadrants for insertion of optional louver module. Lens cage hinges open by a removable stainless steel wire hinge and safety catch. Lens cage closure screws are captive stainless steel phillips head with optional tamper resistant socket head available. Lens cage is pre-drilled in each quadrant for optional louver module. **NOTE:** Lens cage may be removed with louver modules in place.

Reflector Module: Hydroformed aluminum reflector with Alzak® finish. Reflector is removable by four screws for ballast access.

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 -4°F, starting.

Optional Louver Module: Die-cast, low copper (<0.6% Cu) aluminum alloy for field attachment into one quadrant of the lens cage. Mounting screws are captive stainless steel phillips head (2).

Finish: White Super TGIC thermoset polyester powder coat paint applied over a titanated zirconium conversion coating on electrical housing, lens cage and optional louver module. 2500 hours salt spray test endurance rating. 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

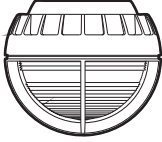
UL cUL 1598 ¹	IP66 Rated	40C Ambient
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¹Suitable for wet locations

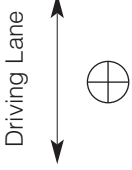
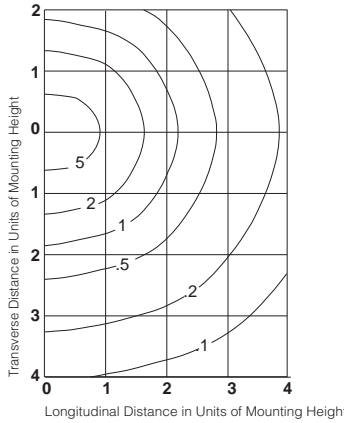
KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



Type:
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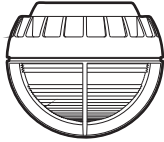
Standard Features

<p>Fixture</p>	<p>Cat. No.: PGL3 Double Row System Lens cage is oriented at right angles to the driving lane.</p> <div style="text-align: right;">  <p>Driving Lane</p> </div>												
<p>Electrical Module IF = Induction Fluorescent</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Lamp Watts</td> <td style="text-align: center;">Lamp Type</td> <td style="text-align: center;">Line Volts</td> </tr> <tr> <td style="text-align: center;">85</td> <td style="text-align: center;">IF</td> <td style="text-align: center;">277</td> </tr> </table>	Lamp Watts	Lamp Type	Line Volts	85	IF	277	<p>Cat. Nos. for Electrical Modules available:</p> <ul style="list-style-type: none"> <input type="checkbox"/> 85IF120 <input type="checkbox"/> 85IF208 <input type="checkbox"/> 85IF240 <input type="checkbox"/> 85IF277 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Lamp</td> <td style="text-align: center;">Induction Lamp</td> </tr> <tr> <td style="text-align: center;">ANSI Ballast</td> <td style="text-align: center;">Electronic</td> </tr> <tr> <td style="text-align: center;">Total System Watts</td> <td style="text-align: center;">89</td> </tr> </table>	Lamp	Induction Lamp	ANSI Ballast	Electronic	Total System Watts	89
Lamp Watts	Lamp Type	Line Volts											
85	IF	277											
Lamp	Induction Lamp												
ANSI Ballast	Electronic												
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<p>Photometrics Cat. #: PGL3/85IF Report #: ITL46568 85 Watt 8' Mounting Height</p>	 <p style="text-align: center;">Transverse Distance in Units of Mounting Height</p> <p style="text-align: center;">Longitudinal Distance in Units of Mounting Height</p>												



Type:

Job:



Optional Features

Tamper-Resistant Lens Cage Screws

Cat. No. **TS**
 No Option

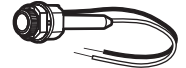
Four captive stainless steel socket head screws provided in lens cage in place of standard phillips head screws.

Fusing (internal only):

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

High temperature fuse holders factory installed inside the electrical housing. Fuse is included.

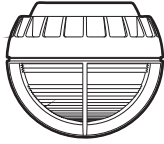
Line Volts: 120V 208V 240V 277V
Cat. No.: **SF** **DF** **DF** **DF**



Type:

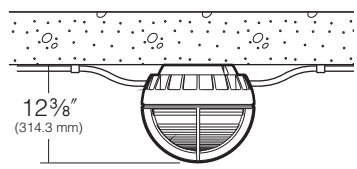

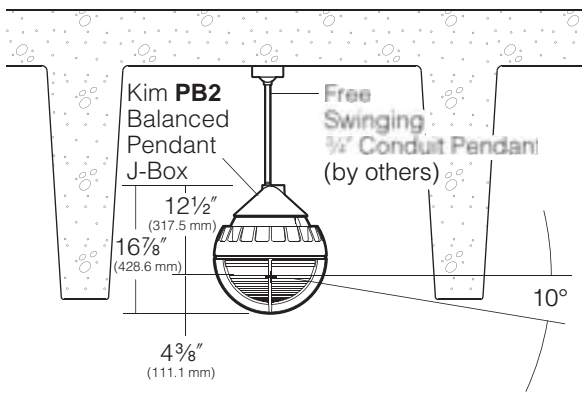
Job:

Page: 4 of 4



Fixture Accessory Features

Ordered Separately from Fixture

<p>Direct Side Entry Conduit Taps</p> <p>Cat. No. <input type="checkbox"/> SCT2 (for 1/2") <input type="checkbox"/> SCT3 (for 3/4") <input type="checkbox"/> No Option</p>	<p>Consult Factory. Four locations are provided on the electrical housing 90° apart for 1/2" or 3/4" NPT. Fixture is UL and cUL certified for 90°C through-wiring.</p> <p>NOTE: This method is more difficult to install, but offers the advantage of reduced depth where floor-to-ceiling distance is minimal. Fixtures must be ordered with 1/2" or 3/4" NPT conduit taps. The lens cage and reflector must be removed from the fixture to allow mounting to the ceiling and wiring. Fixtures are UL listed and CSA certified for 90°C through-wiring.</p>	<p align="center">Fixture used as J-Box</p> 
<p>Louver Module</p> <p>Cat. No. <input type="checkbox"/> LM <input type="checkbox"/> No Option</p>	<p>Die-cast, low copper (<0.6% Cu) aluminum alloy for field attachment into one quadrant of the lens cage. White powder coat finish. Louver Modules will be shipped in packs of 12 with one carton adjusted to complete exact quantity ordered.</p>	
<p>Balanced Pendant J-Box</p> <p>Cat. No.: <input type="checkbox"/> PB1 <input type="checkbox"/> No Option</p>	<p>Die-cast, low copper alloy (<0.6% Cu) aluminum junction box with offset 3/4" N.P.T. pendant entry to balance fixture when a free-swinging pendant is used. Standard speed mount adapts directly to the PB2 for fixture mounting. Super TGIC powder coat finish to match.</p>	
<p>Wall Mount</p> <p>Cat. No.: <input type="checkbox"/> WB <input type="checkbox"/> No Option</p>	<p>Cast aluminum construction. Mounts to wall with two 3/8" lag screws fastened to 3/8" concrete anchors (by others). Super TGIC powder coat finish to match fixture.</p>	