



**KIM LIGHTING**

# PGL3 Omni-System® Double Row Parking Garage Luminaire

revision 1/5/09 • pgl3.pdf

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

**PGL3 / /**

Fixture      Electrical Module      Optional Features  
See page 2      See page 3

**Fixture**  
**Accessory number:**

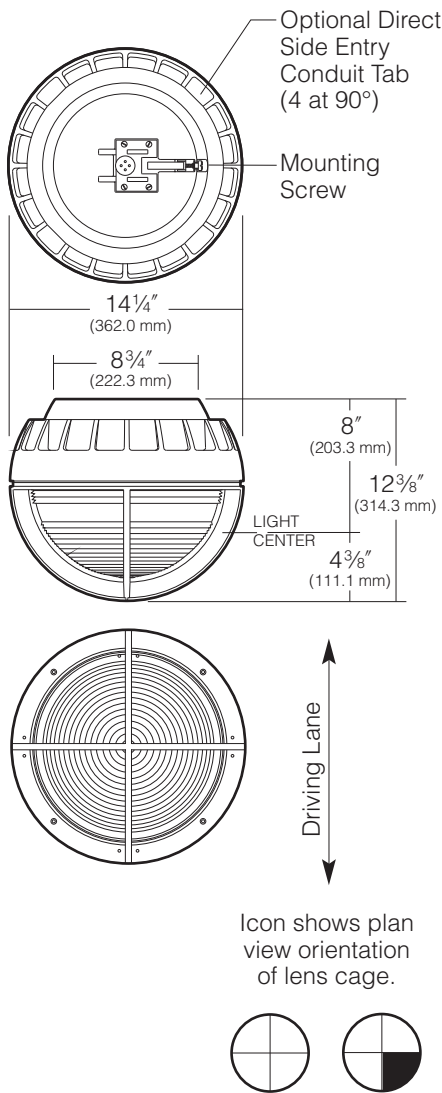
Ordered Separately from Fixture  
See page 4

**Approvals:**

**Date:**  
**Page: 1 of 4**

## Specifications

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



Location of optional Louver Modules indicated as solid quadrants in icon.



**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 and Socket:** Hydroformed aluminum reflector with Alzak® finish. Integral socket is porcelain medium base rated 4KV. Reflector is removable by four screws for ballast access.

**Electrical Components:** High power factor ballasts are rigidly mounted inside the electrical housing, factory pre-wired with leads extending through a silicone grommet out the top of the housing. Starting temperatures are -40°F for HPS lamp modes and -20°F for PMH lamp modes.

**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.

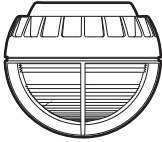
**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

### Listings and Ratings

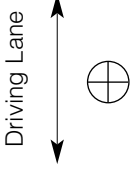
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KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Type:  
 Job:



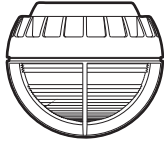
## Standard Features

<p><b>Fixture</b></p>	<p>Cat. No.: <b>PGL3</b>          Double Row System          Lens cage is oriented at right angles to the driving lane.</p> <div style="text-align: right;">  </div>																																																																	
<p><b>Electrical Module</b>  <b>PMH</b> = Pulse Start Metal Halide  <b>HPS</b> = High Pressure Sodium  <b>IF</b> = Induction Fluorescent</p> <p>Lamp Watts    Lamp Type    Line Volts  <b>150    PMH    277</b></p> <p><b>CAUTION:</b> 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.</p> <p>All fixtures are available pre-lamped by Kim. Consult representative for pricing.</p> <p><b>NOTE:</b> For lamp/ballast information outside of the U.S. and Canada, please consult your local Kim representative.</p>	<p>Cat. Nos. for Electrical Modules available:</p> <table border="1" style="width: 100%;"> <tr> <td><input type="checkbox"/> <b>100PMH120</b></td> <td><input type="checkbox"/> <b>150PMH120</b></td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> <b>100PMH208</b></td> <td><input type="checkbox"/> <b>150PMH208</b></td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> <b>100PMH240</b></td> <td><input type="checkbox"/> <b>150PMH240</b></td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> <b>100PMH277</b></td> <td><input type="checkbox"/> <b>150PMH277</b></td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> <b>100PMH347</b></td> <td><input type="checkbox"/> <b>150PMH347</b></td> <td colspan="2"></td> </tr> <tr> <td><input type="checkbox"/> <b>100PMH480<sup>1</sup></b></td> <td><input type="checkbox"/> <b>150PMH480<sup>1</sup></b></td> <td colspan="2"></td> </tr> <tr> <td>Lamp</td> <td>ED-17, Clear</td> <td>ED-17, Clear</td> <td></td> </tr> <tr> <td>Socket</td> <td>Medium Base</td> <td>Medium Base</td> <td></td> </tr> <tr> <td>ANSI Ballast Type</td> <td>M-90</td> <td>M-102</td> <td></td> </tr> </table> <table border="1" style="width: 100%;"> <tr> <td><input type="checkbox"/> <b>100HPS120</b></td> <td><input type="checkbox"/> <b>150HPS120</b></td> <td><input type="checkbox"/> <b>85IF120</b></td> </tr> <tr> <td><input type="checkbox"/> <b>100HPS208</b></td> <td><input type="checkbox"/> <b>150HPS208</b></td> <td><input type="checkbox"/> <b>85IF208</b></td> </tr> <tr> <td><input type="checkbox"/> <b>100HPS240</b></td> <td><input type="checkbox"/> <b>150HPS240</b></td> <td><input type="checkbox"/> <b>85IF240</b></td> </tr> <tr> <td><input type="checkbox"/> <b>100HPS277</b></td> <td><input type="checkbox"/> <b>150HPS277</b></td> <td><input type="checkbox"/> <b>85IF277</b></td> </tr> <tr> <td><input type="checkbox"/> <b>100HPS347</b></td> <td><input type="checkbox"/> <b>150HPS347</b></td> <td></td> </tr> <tr> <td><input type="checkbox"/> <b>100HPS480<sup>1</sup></b></td> <td><input type="checkbox"/> <b>150HPS480<sup>1</sup></b></td> <td></td> </tr> <tr> <td>Lamp</td> <td>ED-17, Clear</td> <td>ED-17, Clear    Induction Fluor.</td> </tr> <tr> <td>Socket</td> <td>Medium Base</td> <td>Medium Base</td> </tr> <tr> <td>ANSI Ballast Type</td> <td>S-54</td> <td>S-55</td> </tr> </table> <p><sup>1</sup>480 volt with medium base sockets may require approval of local building code authority.</p>			<input type="checkbox"/> <b>100PMH120</b>	<input type="checkbox"/> <b>150PMH120</b>			<input type="checkbox"/> <b>100PMH208</b>	<input type="checkbox"/> <b>150PMH208</b>			<input type="checkbox"/> <b>100PMH240</b>	<input type="checkbox"/> <b>150PMH240</b>			<input type="checkbox"/> <b>100PMH277</b>	<input type="checkbox"/> <b>150PMH277</b>			<input type="checkbox"/> <b>100PMH347</b>	<input type="checkbox"/> <b>150PMH347</b>			<input type="checkbox"/> <b>100PMH480<sup>1</sup></b>	<input type="checkbox"/> <b>150PMH480<sup>1</sup></b>			Lamp	ED-17, Clear	ED-17, Clear		Socket	Medium Base	Medium Base		ANSI Ballast Type	M-90	M-102		<input type="checkbox"/> <b>100HPS120</b>	<input type="checkbox"/> <b>150HPS120</b>	<input type="checkbox"/> <b>85IF120</b>	<input type="checkbox"/> <b>100HPS208</b>	<input type="checkbox"/> <b>150HPS208</b>	<input type="checkbox"/> <b>85IF208</b>	<input type="checkbox"/> <b>100HPS240</b>	<input type="checkbox"/> <b>150HPS240</b>	<input type="checkbox"/> <b>85IF240</b>	<input type="checkbox"/> <b>100HPS277</b>	<input type="checkbox"/> <b>150HPS277</b>	<input type="checkbox"/> <b>85IF277</b>	<input type="checkbox"/> <b>100HPS347</b>	<input type="checkbox"/> <b>150HPS347</b>		<input type="checkbox"/> <b>100HPS480<sup>1</sup></b>	<input type="checkbox"/> <b>150HPS480<sup>1</sup></b>		Lamp	ED-17, Clear	ED-17, Clear    Induction Fluor.	Socket	Medium Base	Medium Base	ANSI Ballast Type	S-54	S-55
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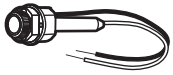


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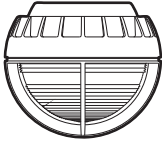
## Optional Features

<p><b>Quartz Standby</b> Cat. No. <input type="checkbox"/> <b>QS</b> <input type="checkbox"/> <b>No Option</b></p>	<p>Integral electronic device energizes a T-4 mini-can socket during lamp warm-up and after power interruption. Socket de-energizes prior to the HID lamp reaching full brightness. 100W T-4 mini-can lamp by others.</p>
<p><b>Tamper-Resistant Lens Cage Screws</b> Cat. No. <input type="checkbox"/> <b>TS</b> <input type="checkbox"/> <b>No Option</b></p>	<p>Four captive stainless steel socket head screws provided in lens cage in place of standard phillips head screws.</p>
<p><b>Fusing (internal only):</b> Cat. No. <b>(see chart at right)</b> <input type="checkbox"/> <b>No Option</b></p>	<p>High temperature fuse holders factory installed inside the electrical housing. Fuse is included.</p> <p>Line Volts: 120V    208V    240V    277V    347V    480V Cat. No.: <input type="checkbox"/> <b>SF</b>    <input type="checkbox"/> <b>DF</b>    <input type="checkbox"/> <b>DF</b>    <input type="checkbox"/> <b>SF</b>    <input type="checkbox"/> <b>SF</b>    <input type="checkbox"/> <b>DF</b></p> 

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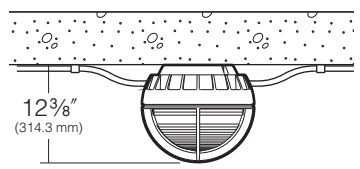

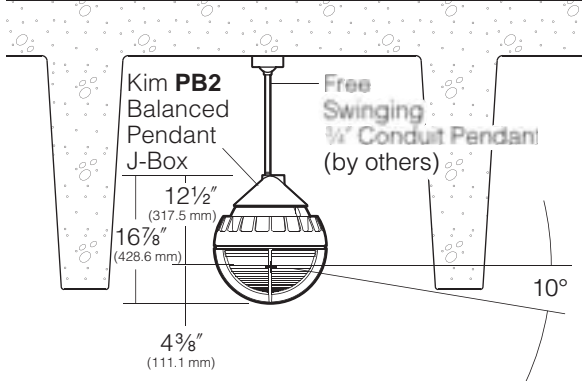
Job:

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## Fixture Accessory Features

Ordered Separately from Fixture

<p><b>Direct Side Entry Conduit Taps</b>          Cat. No. <input type="checkbox"/> <b>SCT2</b> (for 1/2")  <input type="checkbox"/> <b>SCT3</b> (for 3/4")  <input type="checkbox"/> <b>No Option</b></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><b>NOTE:</b> 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>Fixture used as J-Box</p> 
<p><b>Louver Module</b>          Cat. No. <input type="checkbox"/> <b>LM</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>Die-cast, low copper (&lt;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><b>Balanced Pendant J-Box</b>          Cat. No.: <input type="checkbox"/> <b>PB1</b>  <input type="checkbox"/> <b>No Option</b></p>	<p>Die-cast, low copper alloy (&lt;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><b>Wall Mount</b>          Cat. No.: <input type="checkbox"/> <b>WB</b>  <input type="checkbox"/> <b>No Option</b></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>	