PGL7 - Parking Garage Luminaire Installation Instructions

**WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning, or otherwise touching this product.

**WARNING:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

**CAUTION:** All wiring should be done by a qualified electrician. DO NOT operate luminaire with missing or damaged lens.

KEEP THIS SHEET FOR FUTURE REFERENCE.

**Tool Required:**
- Flat Blade Screwdriver

**Optional Tool:**
- 5/16" Socket Driver

**PREPARING FOR INSTALLATION:**

**Step 1** - Verify fixture locations: To assure a correct installation, the specifier should key the fixture locations on the garage plan with the icon for a PGL71W/71N, PGL72W/72N, PGL73W/73N, PGL74W/74N, PGL75W/75N, PGL76W/76N or PGL77W/77N.

**Wide Light Distribution**

- Down Light Driving Direction
  - PGL71W
  - PGL72W
  - PGL73W
  - PGL74W
  - PGL75W
  - PGL76W
  - PGL77W

**SHOWN ARE THE LIGHT PATTERNS FOR EACH FIXTURE**

**Narrow Light Distribution**

- Down Light Driving Direction
  - PGL71N
  - PGL72N
  - PGL73N
  - PGL74N
  - PGL75N
  - PGL76N
  - PGL77N

**WARNING**

Never energize fixtures with plastic bag - installed for protection during construction or painting. This will cause permanent damage from overheating.
INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS
IMPORTANT SAFETY INSTRUCTIONS!

WARNING: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

MAINTENANCE: Parking garages are open structures, fixtures will eventually become dirty with air and exhaust pollutants. A regularly scheduled maintenance program should be followed. The PGL7 is rated to IP66, allowing power washing; a fast and effective way to keep the fixtures at peak efficiency.

CAUTION: All wiring should be done by a qualified electrician. Lighted lamp is HOT! DO NOT operate luminaire with missing or damaged lens. KEEP THIS SHEET FOR FUTURE REFERENCE.

Preparng For Installation cont’d.

Step 2 - Install the Kim speed mount to the J-box. The Kim Speed Mount must be installed in accordance with the label. Be certain Kim speed mount is installed with the driving direction & parking stalls in the correct orientation.

DO NOT put washers under screw heads.

Step 3 - Remove the tape that holds the suspension strap to the fixture.

FIXTURE CONNECTION TO SPEED MOUNT & FINAL INSTALLATION:

Make certain electrical supply is OFF before starting installation.

1. To hang fixture, slide the suspension strap onto the wire retainer on the speed mount plate. Allow fixture to hang freely.

2. Make electrical connections observing polarity; i.e., green-toground, white-to-common, and black-to-voltage. Setup with wire-nut connectors.

3. Swing fixture away from J-box center and up against ceiling and speed mount plate while feeding wires into J-Box. It is important to keep tension on the suspension strap as the fixture is raised.

4. Make certain wires enter J-Box as fixture is raised. The suspension strap will guide slots in the top of the fixture to hooks on the speed mount plate. Slide the fixture towards the center allowing the hooks to accept the weight of the fixture. Fixture locks in place when fully engaged on hooks.
EMITTERDECK™ REPLACEMENT:

⚠️ Make certain the electrical supply is OFF before accessing the assembly.

1. Unlatch lens by pulling out on top portion of each latch. Unhook latch from lens & swing down and allow to hang free.

2. To release the Emitterdeck, remove the 8 thumbscrews around perimeter of emitter deck which secures it to the housing for heat dissipation. **NOTE:** All thumbscrews MUST be reinstalled for proper heat dissipation.

3. Remove Emitterdeck by pulling the top portion of the deck outward. The Emitterdeck is attached by quickconnect wiring to the driver. Detach the quick-connect and place the deck onto a flat, non-hazardous surface.

4. Each individual MicroEmitter module can be replaced by disconnecting the female-to-male connectors on the module. To access, remove screw securing module to carrier plate. Pull module and wires from mounting location, until connectors are exposed.
REMOVAL FROM J-BOX:

⚠️ Make certain the electrical supply is OFF before starting removal.

1. Loosen lock screw inside fixture (do not remove). With both hands on fixture, slide off speed mount hooks.

2. Let fixture hang from suspension strap. Fish wire connections out of J-Box and disconnect.

3. Holding fixture, lift suspension strap off of speed mount wire retainer.
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OPTIONAL BALANCED PENDANT J-BOX INSTALLATION: Only Required If A Free Swinging Pendant Is Used.
Make certain the electrical supply is OFF before starting removal.

Tools Required:
- Flat Blade Screwdriver
- Silicone Sealant
- 5/64" Allen Wrench

⚠️ Make certain the electrical supply is OFF before starting fixture installation.

1. LED Driver:
   Attach free swinging pendant in conduit location "A" or "B".

2. Attach speed mount to appropriate mounting holes in Balance Pendant J-Box, with (2) bind head screws (provided).

3. LED Driver:
   **IMPORTANT!** Orient hooks on speed mount location "A". Secure with bind head screws provided.

**NOTE:** Balance of fixture depends on size and weight of electrical components. Electrical component weights may vary between different manufacturers. Install one fixture per attached instructions, check to see if level and adjust hole location as necessary before installing remaining fixtures.

1. Attach fixture per instructions on page 2 & 3. Tighten set screw to lock fixture position.
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LUMINAIRE MAINTENANCE:

Reflector and Lens Cleaning:
A regularly scheduled maintenance program should be followed to retain optimum light output and reduce heat retention. Dusting with a dry, soft cloth is normally sufficient for the reflectors. Any accumulation of dust or dirt should be removed regularly from both sides of the housing and lens using ammonia water. **DO NOT use alkaline or acid cleaners.**

Power Washing:
Because parking garages are open structures, fixtures eventually become dirty with air and exhaust pollutants. With large numbers of fixtures in most garages, it is simply not practical or cost effective to hand clean the luminaires. To solve this dilemma, the PGL is sealed against upward spray to allow power washing, a fast and effective way to keep the fixtures at peak efficiency through regular maintenance.

<table>
<thead>
<tr>
<th>Replacement Parts List</th>
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<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Clear Lexan® Lens</td>
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<tr>
<td>Clear Acrylic Lens</td>
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KIM LIGHTING LIMITED WARRANTY

Kim Lighting LED lighting products are long lasting and energy efficient. Your purchase of environmentally friendly Kim Lighting LED luminaires is helping contribute to a healthier environment and supports your commitment as an energy efficient consumer.

When properly installed and under normal conditions of use, Kim Lighting warrants PGL7 LED luminaire products ("Product(s)") sold by it to be free from defects in material and workmanship for (i) a period of five (5) years for metal parts, (ii) a period of ten (10) years for paint finishes, and, (iii) a period of six (6) years or 40,000 operating hours (whichever comes first) for LED Light Engines and LED power components, from the date of sale of such goods to the buyer as specified in Kim Lighting shipment documents for each Product(s). The buyer agrees to make all claims regarding defects or deficiencies in the Product(s) according to the terms of Kim Lighting's official warranty.

Warranty claims must be made in writing according to Kim Lighting procedures existing at the time of the claim. Valid warranty claims must be made within the warranty period specified herein above, and submitted within thirty (30) days of discovery of the damage or defect. No FIELD labor, repair, DISMANTLE, or installation charges are included with this warranty.

Kim Lighting may repair or replace any Product(s) covered by this warranty at its sole discretion and in accordance with its procedure. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty.

This warranty applies only to the use of the Product(s) as intended by Kim Lighting and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments.

Contact Kim Lighting for complete warranty language, exceptions, and limitations.

How may we serve you better?
Please let us know. Visit our website at:
www.kimlighting.com
Your concerns are important to us.