



PGL7 LED

PGL7 - Parking Garage Luminaire Installation 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.

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

KEEP THIS SHEET FOR FUTURE REFERENCE.

Tool Required:

Optional Tool:

- Flat Blade Screwdriver
- 5/16" Socket Driver



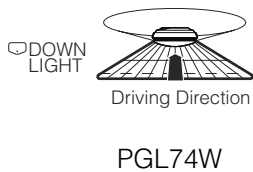
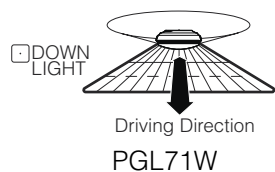
WARNING: Never energize fixtures with plastic bag - installed for protection during construction or painting. This will cause permanent damage from overheating.

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, or PGL74W/74N.

SHOWN ARE THE LIGHT PATTERNS FOR EACH FIXTURE.

Wide Light Distribution



Narrow Light Distribution



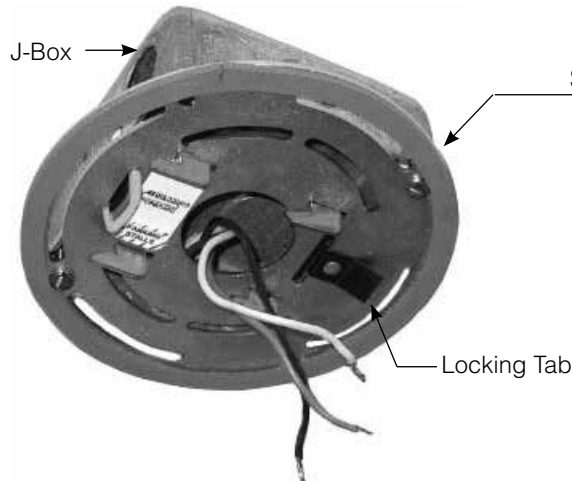
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INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS!

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.**



Bind Head Screws **must** be used in the installation of the Kim Speed Mount.

Preparing For Installation cont'd.

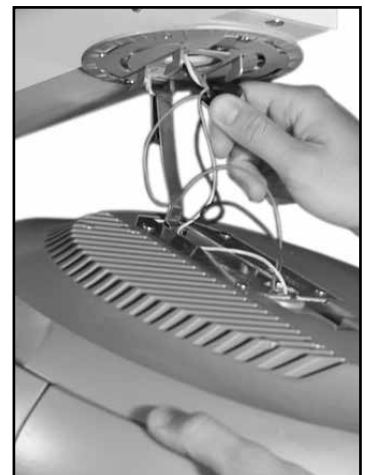
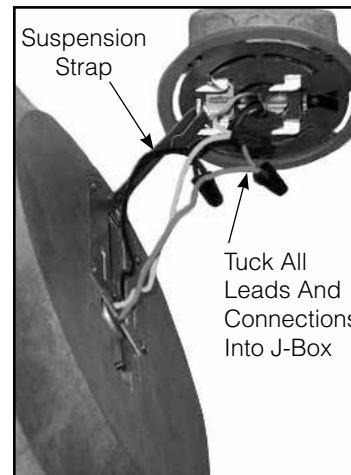
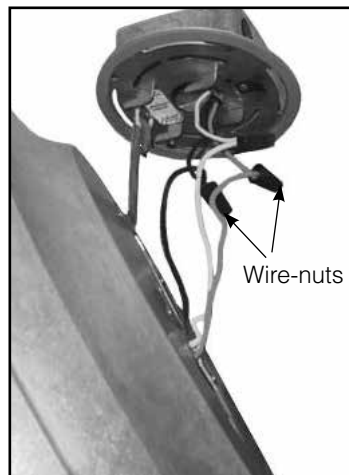
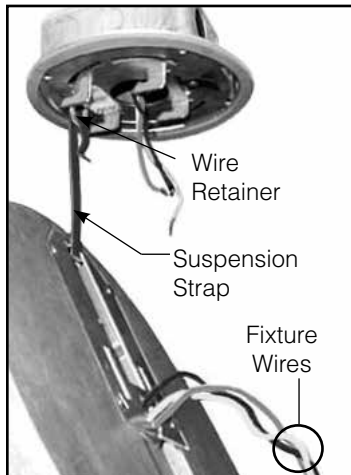
Step 2 - Install the Kim speed mount to the J-box. The Kim Speed Mount must be installed in accordance with the label. Be certain Kim speed mount is installed with the driving direction & parking stalls in the correct orientation.

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:

WARNING: 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-to-ground, 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.

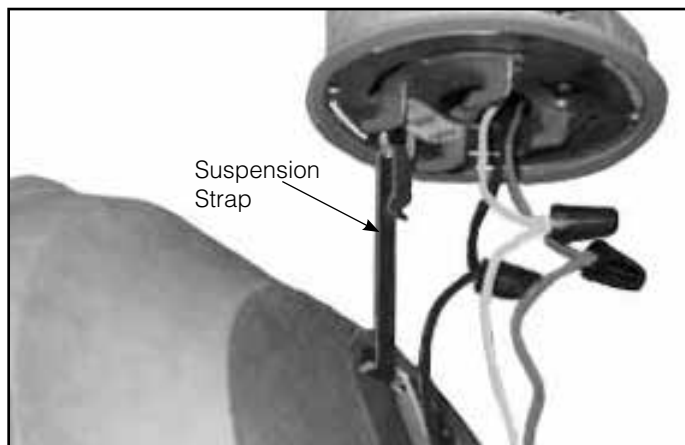
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REMOVAL FROM J-BOX

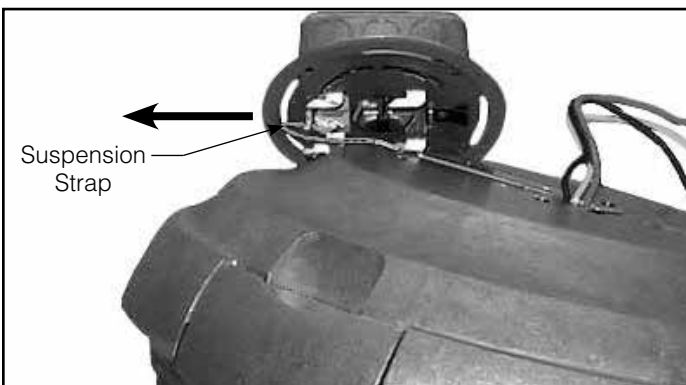
 Make certain electrical supply is **OFF** before starting removal.



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

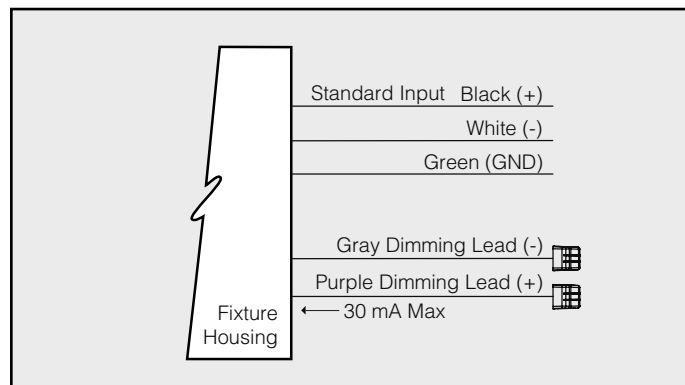


2. Let fixture hang by suspension strap. Fish wire connections out of J-Box and disconnect.



3. Holding fixture lift suspension strap off speed mount wire retainer.

0-10V Dimming




Driver has a 0-10V dimming interface with dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva DDTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.

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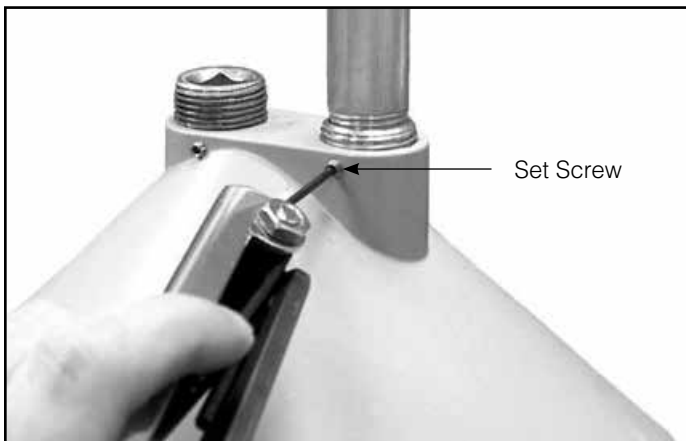
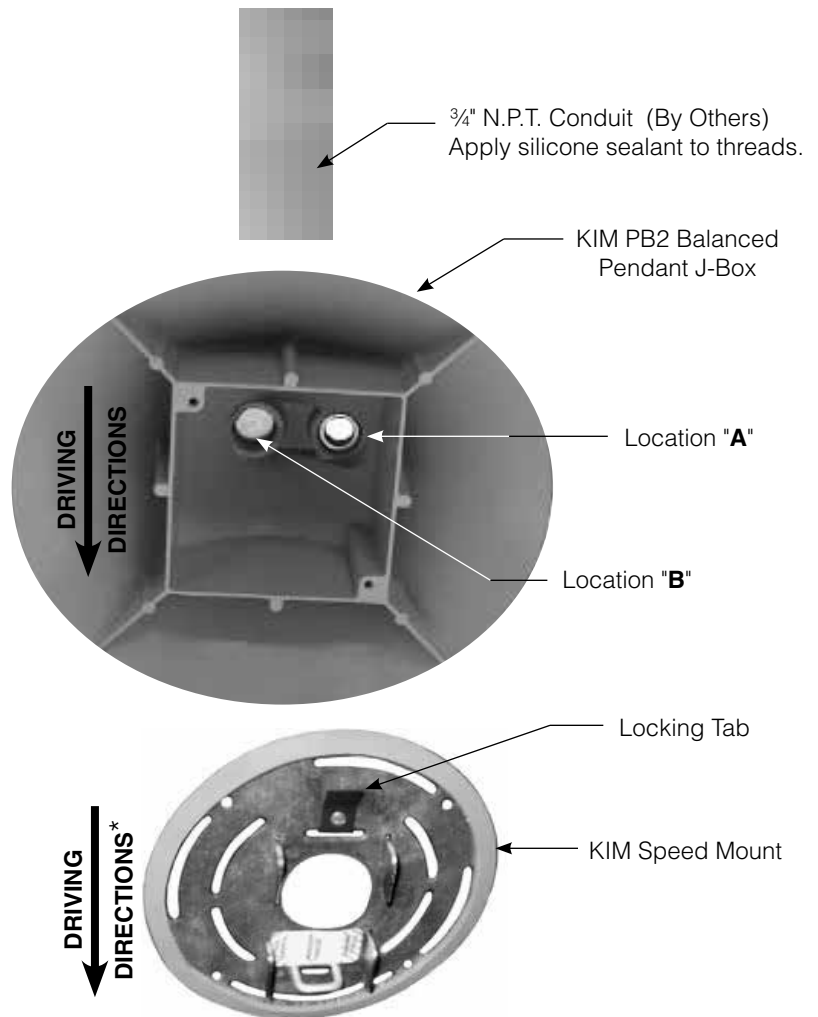
OPTIONAL BALANCED PENDANT J-BOX INSTALLATION: Only Required If A Free Swinging Pendant Is Used. Make certain the electrical supply is OFF before starting removal.

- 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: If Occupancy Sensor is installed on fixture also, please **MAKE SURE location "A" is closest to Occupancy Sensor**, by adjusting orientation of Speed Mount on Pendant J-Box.


















4. Attach fixture per instructions on page 2 & 3. Tighten set screw to lock fixture position.

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.

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Installation warnings and cautions for standard product Avertissements d'installation et mises en garde

-  **WARNING:** Make certain all electrical supply is OFF before starting installation or beginning maintenance procedures.
-  **AVERTISSEMENT:** S'assurer que toute alimentation possible est COUPÉE avant de commencer l'installation ou l'entretien.
-  **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.
-  **AVERTISSEMENT:** Les appareils doivent être mis à la terre en conformité avec le Code canadien de l'électricité et les codes locaux. Une non-conformité pourrait conduire à des blessures graves.
-  **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
-  **AVERTISSEMENT:** Pour empêcher l'endommagement ou l'éraflure des fils, empêchez tout contact avec les rebords des parties métalliques.
-  **MAINTENANCE:** A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the reflector.
-  **ENTRETIEN:** Un programme d'entretien régulier devrait être établi pour conserver la luminosité optimale et réduire l'accumulation de chaleur. Un chiffon doux et propre est normalement suffisant pour dépoussiérer le réflecteur optique. Ne pas utiliser de produit nettoyant alcalin ou acide sur les surfaces du réflecteur.
-  **NOTE:** All wiring must be done by a qualified electrician.
-  **REMARQUE:** Tout le câblage doit être fait par un électricien certifié.
-  **CAUTION:** LED fixtures are available in 120 volt input or 277volt input. Please verify before wiring fixture to field wires. (see lamp label to verify).
-  **MISE EN GARDE:** Les appareils d'éclairage à DEL sont offerts pour alimentation à 120 V ou 277 V. Veuillez vérifier avant de raccorder (voir l'étiquette de l'appareil pour confirmer).
-  **WARNING:** The H.I.D./Fluorescent fixtures utilizes a lamp that may contain mercury. For information on disposal of lamp go to website: www.lamprecycle.org.
-  **AVERTISSEMENT:** Les appareils d'éclairage à décharge à haute intensité ou à fluorescents peuvent contenir du mercure. Pour l'information de disposition des ampoules/tubes, visitez le site Web: www.lamprecycle.org.
-  **CAUTION:** Lighted lamp is HOT! Do not touch hot lens, guard or enclosure. DO NOT operate fixtures with missing or damage lens.

-  **MISE EN GARDE:** Les ampoules allumées sont CHAUDES! Ne pas toucher leur lentille de diffraction, garde protectrice ou le boîtier. NE PAS allumer d'appareil d'éclairage dont la lentille serait absente ou endommagée.
-  **WARNING:** Photocell, if used, must match input voltage to ballast.
-  **AVERTISSEMENT:** Toute cellule électrique utilisée doit être de la même tension que le ballast.
-  **CAUTION:** For HID fixtures, label must indicate the same electrical data as the ballast label. Use only the lamp type and wattage shown on the fixture label in the reflector.
- Attention:** If fixture is equipped with a multi-tap ballast and if not voltage was specified on the purchase order, the ballast has been wired for operation on a 277 volt circuit (347V for Canada). If other than 277 volts is required, i.e. 120v, 208v, 240v, connect incoming voltage lead to selected voltage lead on ballast.
-  **MISE EN GARDE:** Pour les appareils d'éclairage à décharge à haute intensité, la tension indiquée sur l'étiquette doit être la même que celle indiquée sur l'étiquette du ballast. N'utiliser que des ampoules de type et de puissance indiquées à l'étiquette du réflecteur de l'appareil. **Attention:** Si l'appareil est muni d'un ballast multiprises et que la tension n'a pas été définie sur le bon de commande, le ballast a été câblé pour une tension de 347 V (277 V aux États-Unis). Si l'alimentation est de tension différente que 347 V (120 V, 208 V ou 240 V), raccorder le câble d'alimentation au fil de la bonne prise sur le ballast.
-  **SAFETY WARNING FOR QUARTZ LAMPS:** Fixtures can become very HOT depending on the lamp wattage used. Glass lenses and metal areas above and around the lamp can become HOT enough to blister hands. When relamping fixtures avoid touching quartz lamp envelope with bare hands. If touching the lamp is necessary during installation, clean the envelope with alcohol and dry with clean, soft cloth before burning. Contamination of the envelope may reduce lamp performance.
-  **DIRECTIVE DE SÉCURITÉ POUR LES AMPOULES QUARTZ-HALOGÈNE:** Selon la puissance des ampoules utilisées, ces appareils d'éclairage peuvent devenir très CHAUDS. La lentille de verre et les zones métalliques au-dessus et autour de l'ampoule peuvent devenir suffisamment CHAUDES pour brûler la peau. Lors du remplacement d'ampoules ne pas manipuler celles-ci à mains nues. S'il y a contact des doigts sur l'enveloppe de verre de l'ampoule, nettoyez-la avec de l'alcool et essuyez avec un linge propre et doux avant de l'allumer. La contamination de l'enveloppe réduirait la performance de l'ampoule.

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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.

Replacement Parts List	
Description	Part#
Clear Lexan® Lens	93020270
Clear Acrylic Lens	93020269

For warranty see <http://www.hubbellighting.com/resources/warranty>