

SAVE THESE INSTRUCTIONS



**HUBBELL**  
Outdoor Lighting

**INSTALLATION  
INSTRUCTIONS  
GSL**

READ THOROUGHLY BEFORE INSTALATION

**WARNING!** Fixtures must be grounded and installed in accordance with the National Electrical Code and all local codes. Failure to do so may increase the **RISK OF PERSONAL INJURY, PROPERTY DAMAGE, FIRE AND DEATH**. Install and use so fixture failures do not cause a hazard and use only in environments for which the product is specifically marked.

**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.

**CAUTION!** Follow ALL luminaire recommendations, product markings, instructions, restrictions and warnings regarding luminaire operation and burning position. Luminaire label shows electrical and environmental requirements and restrictions.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

Turn off electric power to all affected circuits and allow to cool before servicing.

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 optical system. Any accumulation of dust or dirt should be removed regularly.

Carefully read these instructions before installing product. If you do not understand these instructions, before starting any work, contact your Hubbell Lighting distributor or techsupport@hubbell-ltg.com or (864) 678-1000

Give instructions to facility owner/manager for future reference.

**NOTE:**

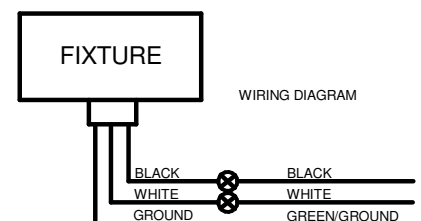
This luminaire is designed for outdoor lighting applications with ambient tempertures not exceeding 40°C

**WARNINGS:**

Dangerous voltage exist within the unit and all precautions usually observed in handling high voltage equipment should be observed when replacing light engine or otherwise servicing luminaires. Disregarding this warning could result in electrical shock and possible injury to the individual installing or servicing this equipment. Installation and servicing should be done by qualified personnel.

**Tools Required:**

#2 Phillips Head Screwdriver



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**Lens Installation**

- Fixture will come installed with the symmetric square (5M) lens, if rectangular asymmetric (5R) distribution is desired change lens before mounting using below steps. Please see page 3 for lens distributions.
- Remove 10 screws in lens
- Note: Check that gasket is seated correctly to insure proper sealing
- Carefully install new lens to ensure that LEDs are not damaged.
- Replace 10 screws and tighten with 3-5 in-lbs

**Junction Box Mounting**

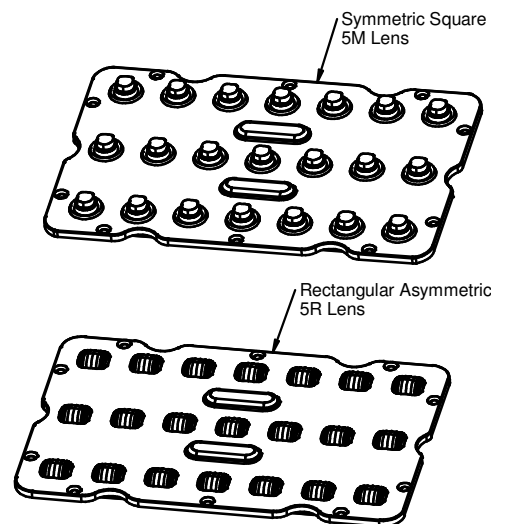
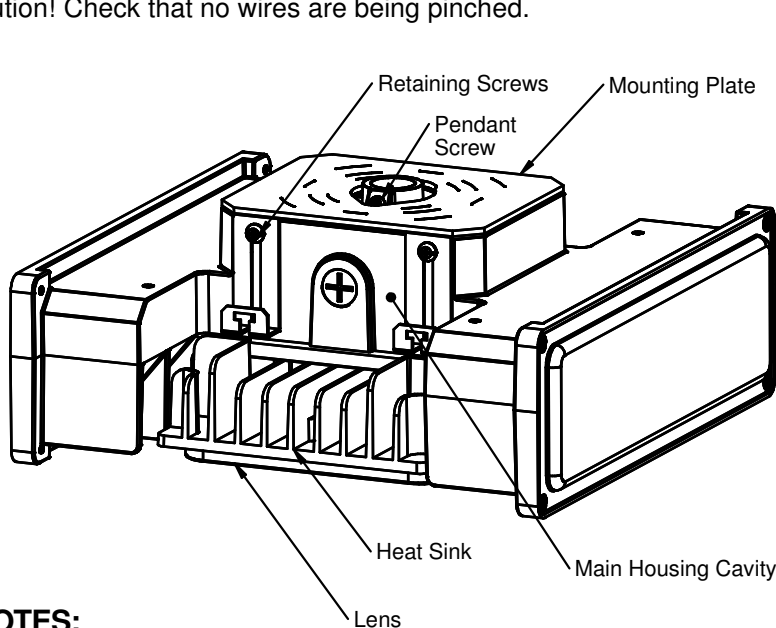
- Loosen two retaining screws on side of mounting plate about 1 inch
- Slide mounting plate toward screw heads and lift
- Remove mounting plate by lifting and rotating to release screw heads from the retention channel
- Attach mounting plate to junction box using appropriate hardware. Note: Hardware not included
- Once mounting plate is secure, reattach housing to screws in the same way that it was removed, but leave housing hanging freely on mounting bracket to allow wiring connections to be made.
- See **Wiring** section for remaining instructions. All connections should be made in junction box.

**Pendant Mounting**

- Position fixture so LEDs are facing up. Loosen 4 screws in between heat sink fins.
- Lift LEDs and heat sink and disconnect wires by separating connector. Set aside.
- Loosen pendant screw
- Remove wire grommet and feed external wires into the main housing cavity. Wiring grommet is not needed for pendant mounting.
- Attach housing to conduit
- Tighten pendant screw
- Remove two retaining screws to allow water to drain from the top of the fixture.
- See **Wiring** section for remaining instructions. All connections should be made in housing.

**Wiring**

- **POWER MUST BE OFF**
- Wiring must be performed by a qualified electrician
- Note: This LED unit is equipped with an electronic driver having universal voltage adaptability and can accept input voltage within the range of 120V-277V. Supply voltage must match driver voltage.
- Wire service leads to fixture leads according to local and National Electrical Codes.
- Connect ground wire to green wire, black to black, and white to neutral.
- **If pendant mounting**, reconnect LED heat sink by engaging wire connector.
- Reassemble fixture by either sliding the housing back onto plate and tightening the mounting screws (for junction box mounting) or attaching the LED heat sink by tightening the 4 screws previously loosened (for pendant mounting)
- Caution! Check that no wires are being pinched.



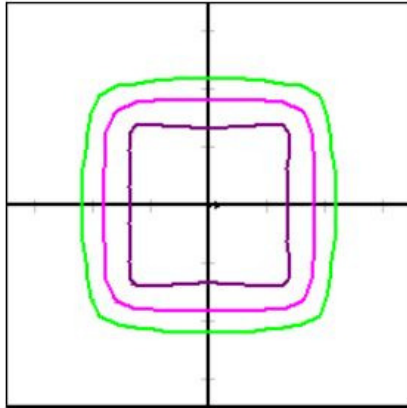
NOTE: BOTH GSL15 & GSL21 USE THE SAME LENS. FOR GSL15 FIXTURES, THE 6 OUTER LENS CAVITIES WILL NOT BE LIT.

**NOTES:**

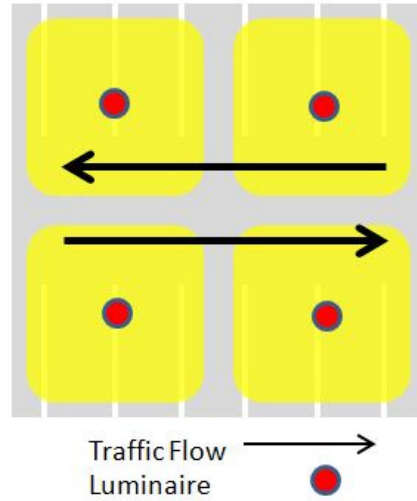
For replacement LED Assemblies and Drivers please contact Hubbell Lighting. Contact your local distributor or agent to confirm parts availability prior to ordering replacement parts.

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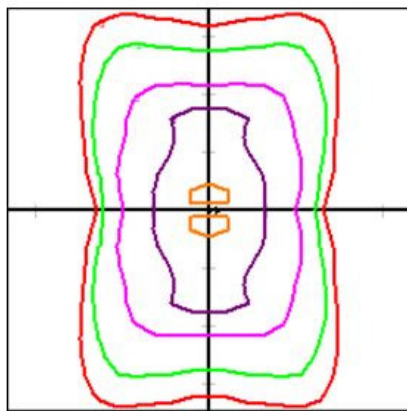
Symmetric Pattern "5M"



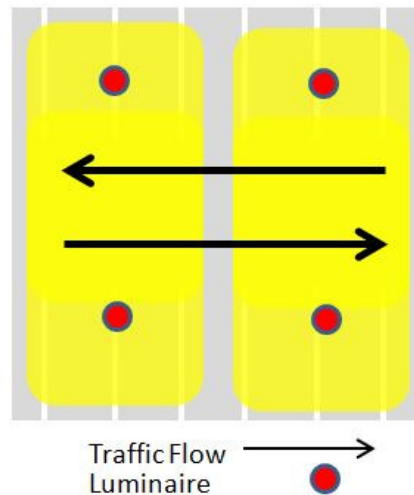
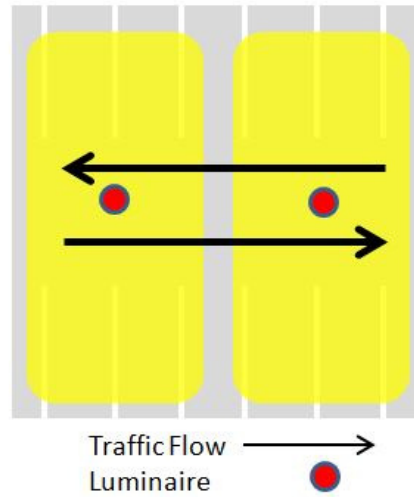
Typical Installation



Asymmetric Pattern "5R" / Drive Lane Lens



Typical Installations



**SPECIAL NOTATION:**

The "5R" / Drive Lane Lens has a unique distribution to reduce the brightness of the LED lens. Low brightness occurs when the pattern of light is aligned perpendicular to the drive lane or approach direction. *Be sure to consult the lighting design to confirm the design intent.*

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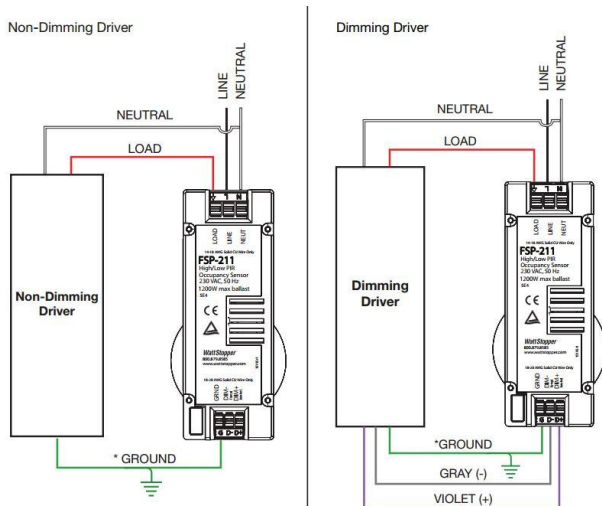
ACCESSORY INSTALLATION

See Figure 1 for configuration of occupancy senso and WiHUBB.

To install occupancy sensor, drill a 1-3/16" hole using the feature shown in Figure 2. Use the center drill point to ensure a clean symmetrical cut.

To install photo control, remove plug shown in Figure 3 using a philips head screwdriver.

Occupancy Sensor Wiring



wiHUBB Wiring

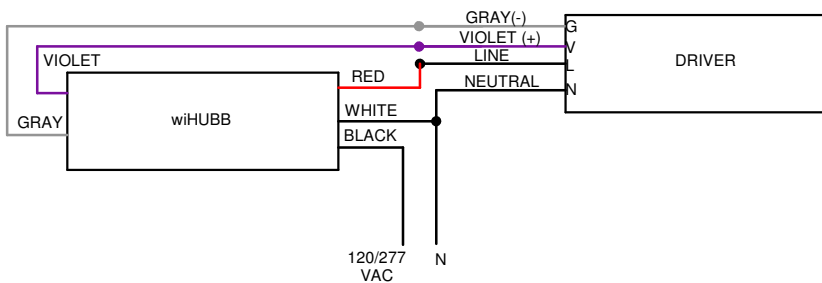


Photo Control Wiring

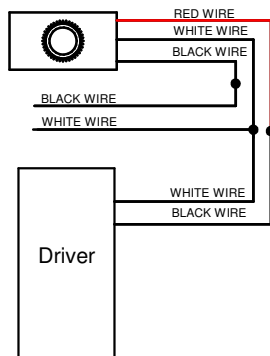


FIGURE 1

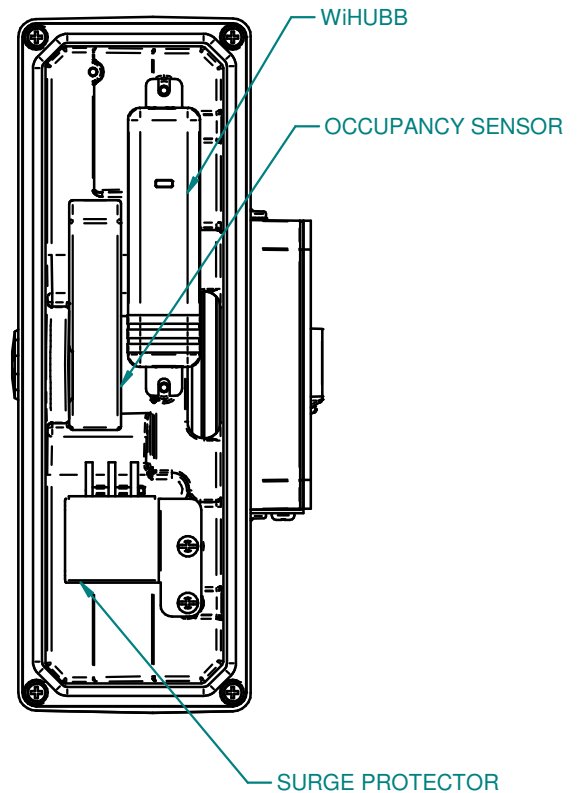


FIGURE 2

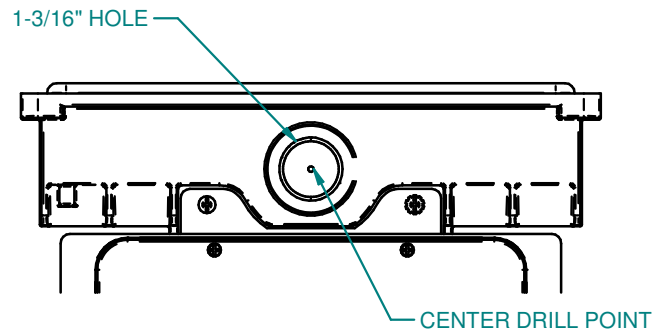
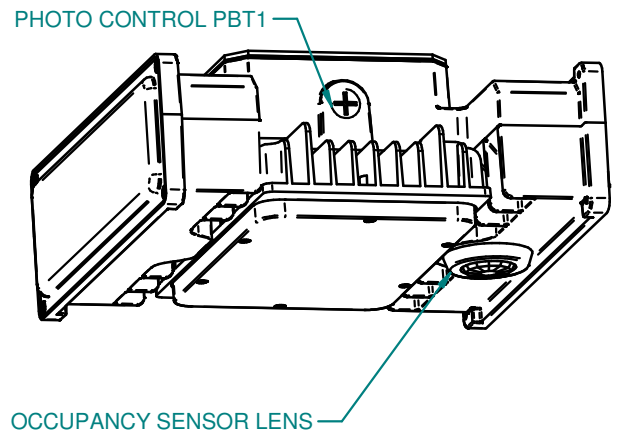


FIGURE 3



## SAUVEGARDEZ CES INSTRUCTIONS



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## À LIRE ATTENTIVEMENT AVANT D'INSTALLER

**AVERTISSEMENT!** Les appareils d'éclairages doivent être mis à la terre et installés selon le Code canadien de l'électricité et tous les codes locaux. Ne pas se conformer à ces codes pourrait conduire à **DES SECOUSSÉS ÉLECTRIQUES ET UN DANGER DE MORT OU D'INCENDIE**. Installez l'appareil d'éclairage seulement dans les environnements pour lesquels il est marqué, et de façon qu'un défaut ne puisse devenir un danger.

**AVERTISSEMENT!** Ce produit contient des produits chimiques reconnus par l'état de la Californie causer le cancer, des malformations congénitales et d'autres sévices à la reproduction. Bien se laver les mains après l'installation, le nettoyage ou après avoir touché le produit (particulièrement s'il est brisé).

**ATTENTION!** Suivre toutes les indications, marquages, instructions, restrictions et recommandations concernant l'utilisation du luminaire ainsi que les dégagements requis et les précautions pour ne pas vous brûler. L'étiquette apposée sur le luminaire indique les exigences électriques et environnementales ainsi que les restrictions applicables.

**CE PRODUIT DOIT ÊTRE INSTALLÉ EN CONFORMITÉ AUX CODES APPLICABLES PAR UNE PERSONNE FAMILIÈRE AVEC LA CONSTRUCTION ET LE FONCTIONNEMENT DE L'APPAREIL ET DES DANGERS IMPLIQUÉS.**

Avant de faire l'entretien, coupez la source de courant et laissez se refroidir le luminaire.

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 système optique. Toute accumulation de poussière ou saleté doit être retirée de façon régulière.

Lire attentivement les présentes instructions avant d'installer le produit. Si vous ne comprenez pas les présentes instructions, communiquez avec votre distributeur de produits Hubbell Lighting, ou avec [techsupport@hubbell-ltg.com](mailto:techsupport@hubbell-ltg.com) ou (864) 678-1000 au téléphone

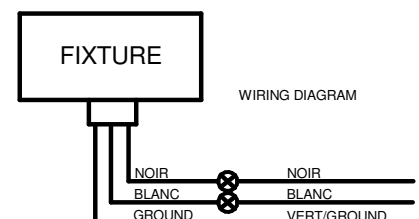
Remettre les présentes instructions au propriétaire ou gestionnaire des installations pour référence ultérieure.

## REMARQUE :

Le présent luminaire est conçu pour applications d'éclairage extérieures de température ambiante ne dépassant pas 40 °C

## AVERTISSEMENTS :

Une tension dangereuse est présente dans cet appareil. Toutes les précautions normalement prises en présence d'appareillage à tension secteur sont de mise lors du remplacement de l'ensemble d'éclairage à DEL ou de tout entretien des luminaires. Ne pas respecter le présent avertissement pourrait conduire à une décharge électrique et blessure au personnel d'installation ou d'entretien. L'installation et l'entretien doivent être faits par un personnel qualifié.



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