

# LUVM R40 MODULE

## R40 RETROFIT INSTALLATION INSTRUCTIONS



**WARNING:** ALWAYS INSTALL FIXTURES ACCORDING TO NATIONAL ELECTRICAL CODE (NEC) AND LOCAL CODES. FAILURE TO DO SO WILL VOID THE WARRANTY AND COULD CAUSE DAMAGE TO THE FIXTURE OR MAY RESULT IN PERSONAL INJURY.

**IMPORTANT:** TURN ELECTRICITY OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING FIXTURE.

**AVERTISSEMENT:** INSTALLEZ TOUJOURS LES MONTAGES SELON LE CODE ÉLECTRIQUE NATIONAL (NEC) ET LES CODES LOCAUX. LE MANQUE DE FAIRE AINSI VIOLERA LA GARANTIE ET A PU ENDOMMAGER LE MONTAGE OU PEUT AVOIR COMME CONSÉQUENCE LE DOMMAGE CORPOREL.

**PRECAUCIÓN:** ARRÊTEZ L'ÉLECTRICITÉ AU DISJONCTEUR AVANT D'INSTALLER LE MONTAGE.

### Install Types:

- Retrofit an existing R40 Copper or Die Cast Bullet
- Retrofit an existing PAR38 Bullet
- Tree Bullets
- Ground Bullets

### Components:

- Medium Base Socket Adaptor
- R40 Retrofit Module
- Adjustable Spring Retainers

### What will be covered

1. Removal of HID lamp
2. Bypassing HID ballast when retrofitting old tree lights
3. Installation of the medium base socket adaptor
4. Connection of the LUVM R40 module to the socket adaptor
5. Insertion of the LUVM R40 module
6. How to adjust the LUVM module spring retainers if they are too loose or tight

#### 1. Removal of HID Lamp

- a. Unscrew old PAR38 or R40 lamp from bullet housing and discard.
- b. Inspect lamp holder to assure the condition has not deteriorated before installing module.

#### 2. Bypassing HID ballast when retrofitting old tree lights

- a. The old HID ballasts must be removed or bypassed as the LUVM driver requires 120-277V AC input. Power from a ballast to the fixture will destroy the LED driver & void warranty.

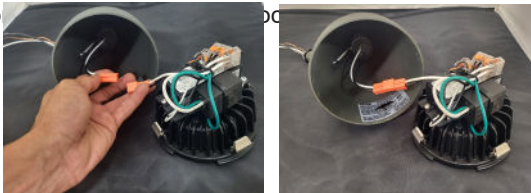
#### 3. Installation of the medium base socket adaptor

- a. Disconnect connection of medium base socket adaptor from R40 Module.
- b.



#### 4. Connection of the LUVM R40 module to the socket adaptor

- a. Once medium base socket adaptor is tightly screwed into existing bullet lamp holder connect the R40 module using 2 pole push connector.



#### 5. Insertion of the LUVM R40 module

- a. Next hold the R40 module by the lensed top and insert into the existing bullet housing opening. The module are touching the rim of the R40 bullet housing.



- b. The adjustable spring retainers will be very snug. Press into housing completely.
- c. If the springs seem too loose, adjust them with pliers to spring them out slightly to increase tightness.



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### 6. How to adjust the LUVM module spring retainers if they are too loose or tight

a. If the spring retainers are too loose, or too tight, complete the following steps to alleviate the issue. — Spring Retainers

#### Too Tight:

- Compress spring retainers with thumb until secure fit is achieved.

#### Too Loose:

• Push outer tabs outward with pliers until secure fit is achieved.



### Additional Notes:

LUVM LED Module is sealed IP68 construction. LUV Module driver has IP66 sealed construction. Downlights should not be tilted higher than 45°. Up lights require a bullet with drain hole or a completely gasketed/sealed lens and shield assembly.

### If these are being used in:

- Up lights require a bullet with drain hole or a completely gasketed/sealed lens and shield assembly.



- Downlights require a downlight shield is recommended.



**NOTES** - Fixture must be installed by a licensed electrician. These instructions do not cover all details or variations in equipment, nor do they provide for every uncertainty related to installation, operation, maintenance, or mounting contingency. Should specific problems occur that are not covered sufficiently for the purchaser's purpose, contact Techlight for additional product or application information. Improper installation and/or utilization may void manufacturer's warranty.

Techlight assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

*Le montage doit être installé par un électricien autorisé. Ces instructions ne couvrent pas tous les détails ou variations d'équipement, ni font la fourniture pour chaque incertitude liée à l'installation, à l'opération, à l'entretien, ou à l'éventualité de support. Si les problèmes spécifiques se produisent qui ne sont pas couverts suffisamment pour le but de l'acheteur, le contact Horizon Linear Lighting pour le produit additionnel ou l'information d'application. L'installation et/ou l'utilisation inexactes peuvent vider la garantie du fabricant. Techlight n'assume aucune responsabilité des réclamations provenant de l'installation ou de la manutention inexacte ou négligente de ce produit.*