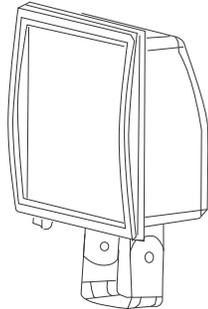


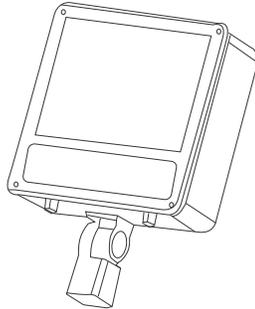
# INSTALLATION INSTRUCTIONS

## E-HR3 and E-HR4 Series

Document:	CI308X06R6	Date:	2016-02-05
Created By:	TMT	ECO#:	005740



**E-HR3 Series**



**E-HR4 Series**

### CAUTIONS

## IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

## READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- DANGER**- Risk of shock- Disconnect power before installation.  
***DANGER** – Risque de choc – Couper l'alimentation avant l'installation.*
- This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.  
*Ce produit doit être installé conformément à NEC ou votre code électrique local. Si vous n'êtes pas familier avec ces codes et ces exigences, veuillez contacter un électricien qualifié.*
- Proper grounding is required to ensure personal safety.
- This fixture is for outdoor use and should not be used in areas with limited ventilation or high ambient temperatures. Fixture should not be recessed.
- 150°C supply wire required.

## SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

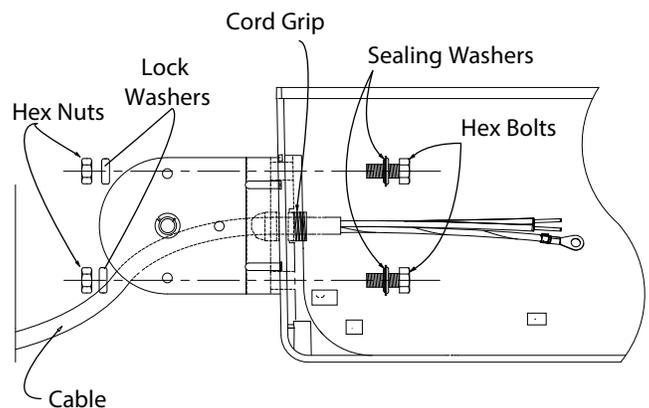
### Notes:

- Mounting bolts which hold the U-BRACKET and the Adjustable fitter to the housing should be tightened to 132 in. lbs (15 N•m) using a torque wrench.
- The Fitter bolt holding the two halves of the adjustable fitter together should be tightened to 230 in. lbs. with a torque wrench.

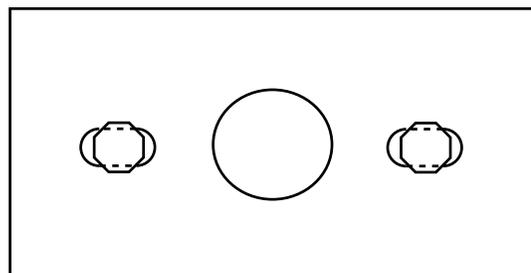
## MOUNTING (U-BRACKET)

- Open lens frame and remove ballast cover.
- Insert the hex bolts with sealing washers through the housing and the U-bracket.  
**IMPORTANT:** When installing sealing washers make sure the rubber side is facing the inside of the fixture housing wall.
- Secure U-bracket to housing with (2) 5/16" hex nuts and lockwashers (as shown in Figure 1). Tighten to 132 in. lbs (15 N•m).
- Insert cord thru cord grip so that the leads with the ground lug extend from the threaded side of the cord grip by 4" or as needed to reach ground lug in fixture. Tighten cord grip firmly to cord.
- Insert cord into fixture and fasten cord grip to housing as shown in **Figure 1**.
- Connect cord ground wire to fixture ground. Connect cord white wire to ballast common wire. Connect cord black wire to appropriate ballast voltage tap wire. (See wiring instructions section below.)  
**NOTE:** Use supplied 150°C wire nuts to make all electrical connections within the fixture.
- Reattach ballast cover and install lamp. Refer to steps 4 and 5 of the lamp installation instructions for lens frame closure.
- Mount fixture using two 3/8" (10 mm) bolts appropriate for mounting surface. See **Figure 2**.
- Complete wiring to power source and ground (refer to wiring instructions).
- Use the locking screw provided to secure the U-bracket in a fixed position, being sure to line up a set of locking holes in both brackets. Securely tighten both bolts on sides of U-bracket.

**Figure 1 — U-Bracket Mounting**



**TEMPLATE 2 — Mounting to Surface**



# INSTALLATION INSTRUCTIONS

## E-HR3 and E-HR4 Series

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### TO AIM FIXTURE (U-BRACKET)

1. Loosen side bolts and remove locking screw.
2. Adjust fixture to desired angle, being sure to line up a set of locking holes in both brackets.
3. Insert locking screw into a matching set of holes and tighten. Securely tighten both bolts on sides of U-bracket.

### MOUNTING (ADJUSTABLE FITTER)

1. Open lens frame and remove ballast cover.
2. Remove splice compartment cover from fitter.
3. Attach the fitter to the fixture housing with two bolts. Make sure to place gasket between fitter and housing. Tighten bolts to 132 in. lbs. (15 N•m) with a torque wrench.
4. Route fixture leads through fitter and into splice compartment.
5. Slip lower fitter over pipe or tenon and securely tighten both set screws.
6. Complete the wiring to the power source and ground (refer to wiring instructions) inside splice compartment.
7. Reattach splice compartment cover and ballast cover, install lamp.
8. Refer to steps 4 and 5 of the lamp installation instructions for lens frame closure.

### TO AIM FIXTURE (ADJUSTABLE FITTER)

1. With splice compartment cover removed, loosen fitter bolt
2. Adjust fixture to desired angle.
3. Retighten fitter bolt ensuring that the upper and lower fitters are engaged. Tighten fitter bolt to 230 in. lbs. with a torque wrench.
4. Replace splice compartment cover.

### WIRING

1. Determine the supply voltage the fixture will be connected to. (For multi-tap ballasts this will be 120V, 208V, 240V or 277V.)
2. The fixture is factory set to the highest voltage. If another voltage is desired, remove the wire nut from the voltage lead desired and place the wire nut on the voltage lead that will not be used.  
**NOTE:** all leads are appropriately identified with either labels or have printing on the insulation of the leads.
3. Connect the desired voltage lead (120V, 208V, 240V or 277V) from the fixture to the voltage supply lead.
4. Connect the lead from the fixture labeled (Com) to the Common supply lead.
5. Connect the supply ground to the fixture ground wire.
6. Insulate all unused leads.

**NOTE:** All units are factory set for the highest voltage. Make sure the supply voltage is compatible with the fixture. A Qualified Electrician should do all work.

### LAMP INSTALLATION

1. Make sure fixture and lamp are cool before touching.
2. Open frame by unscrewing the four screws on the lens frame.
3. Remove old lamp and replace with correct lamp. **Lamps are not interchangeable! Make sure you replace with exact type and wattage of original lamp.**
4. Before closing hinged lens, make sure frame gasket is properly seated all around fixture.
5. Close door and tighten screws in original position. Do not over tighten the screws as they only need to be snug to give weather-tight seal.