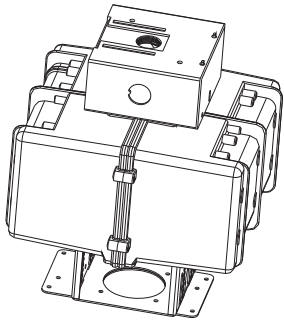


INSTALLATION INSTRUCTIONS

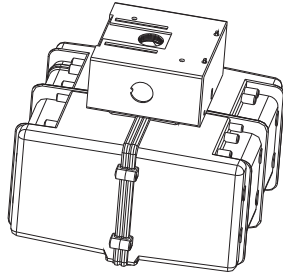
E-HB2, E-HB5, E-LB2 & E-PB2 SERIES

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E-HB2 SERIES
E-PB2 SERIES



E-HB5 SERIES
E-LB2 SERIES



CAUTIONS

IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. To avoid the possibility of electrical shock, turn off power supply before installation or servicing.
2. Use only Lamp specified for this fixture.
3. Use of Safety Cable or Chain is recommended.
4. In continuously operating Metal Halide systems (24 hours/day, 7 days/week), turn lamps off once per week for at least 15 minutes. Failure to comply increases the risk of violent lamp failure.
5. Die-cast locknuts should not be used to support fixture from conduit.
6. Properly attach reflector to ballast housing module before applying voltage.
7. 90°C supply wire required.
8. If provided with a cord and no plug, a strain relief that is UL listed and suitable for the cord diameter and the size of the conduit opening must be used.

SAVE THESE INSTRUCTIONS

Turn off power supply to avoid the risk of electrical shock. This product must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. A qualified electrician should do all work.

SLIDE SPLICE BOX MOUNTING

1. Remove the slide splice box by loosening the side plate and removing retaining screw closest to the conduit entry hole and then slide box from housing.
2. Attach slide splice box to conduit or mounting surface and pull supply leads to open end.

For Conduit entering the slide splice box from the top, use appropriately sized threaded conduit, along with two locknuts (one for inside the box, and the other outside). **NOTE:** The two screws located on either side of the conduit hole can be loosened to adjust and level the unit once it is installed. Remember to retighten the screws once it is level.

For surface mounting the hinge box, use designated mounting holes (Quantity 2) on top of slide splice box. For conduit entering the slide splice box from the side, use appropriately sized conduit, along with two locknuts (one for inside the box, and the other outside).

3. Slip ballast housing halfway onto slide cover and connect supply leads to fixture leads. Push spliced leads into slide connect box and close the assembly being careful not to pinch leads.
4. Secure by reversing Step 1.

HOOK, CORD, PLUG MOUNTING OPTION

1. Screw hook securely into the threaded hole on top of the slide splice box.
2. Remove the slide splice box by loosening the side plate and removing retaining screw closest to the conduit entry hole and then slide box from housing.
3. Insert cord through hole in center of hook so that approximately 1 foot (0.3 meter) of cord extends through the hole. Tie a single knot in the cord as a strain relief.
4. Make the necessary electrical connections as needed and replace the slide splice box, fasten securely with screw. (Reference wiring instructions included with Hook, Cord and Plug option.)

WIREGUARD INSTALLATION – CONSTRUCTION LIGHT (E-HB5)

1. Place wireguard in position over lampholder and align screws in the wireguard with holes provided in ballast housing casting.
2. When wireguard mounting screws are aligned, fasten securely by turning until tight.

REFLECTOR INSTALLATION – LOW BAY (E-LB2) REFLECTOR

NOTE: If unit has the Quartz option, remove the appropriate knockout prior to installing reflector.

1. Place reflector in position over lampholder and rotate reflector until reflector mounting screws align with holes provided in ballast housing casting. If holes do not align, rotate reflector 180°.
2. When reflector mounting screws are aligned, they can be fastened by turning until tight.

**INSTALLATION INSTRUCTIONS
E-HB2, E-HB5, E-LB2 & E-PB2 SERIES**

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**REFLECTOR INSTALLATION –
HIGH BAY (E-HB2) REFLECTOR**

1. Slightly loosen two screws in bottom of neck housing.
2. Align two notched holes on top of reflector with two loosened screws.
3. Slide two notches underneath loosened screws.
4. Align two screws pre-assembled to reflector with holes on other end of neck housing.
5. Tighten all four screws to secure reflector to neck housing.
6. Install lamp into socket within neck housing.

**REFLECTOR INSTALLATION –
PRISMATIC HIGH BAY (E-PB2)**

1. Align two screws in collar of prismatic reflector with two inner holes of neck housing.
2. Tighten screws to secure prismatic reflector to neck housing.
3. Install lamp into socket within neck housing.
4. If necessary, adjust reflector according to **Distribution Table 1**.

LAMP INSTALLATION

HID Lamp — Once the reflector has been secured to housing, install HID lamp into socket and rotate clockwise until secure. Do not over tighten.

Quartz Option — Install quartz lamp into socket by sliding pins of lamp into the slots in socket and pushing lamp into socket until it stops, then rotate clockwise 1/4 turn to secure lamp.

**REFLECTOR ADJUSTMENT - HIGH BAY (E-HB2) &
PRISMATIC HIGH BAY (E-PB2)**

1. To raise or lower reflector, loosen lock screws on neck. Push up or down on neck depending upon desired position.
2. Determine desired position (notches) from **Table 1**.
3. Position reflector by extending the reflector from its fully retracted position. Use the two screws on each side of neck housing as an indicator and count the notches (on neck housing) up from the reflector.
4. Retighten lock screws.

Distribution – Adjustment Settings – Table 1 (250 - 400W)

Reflector	Narrow	Medium	Wide
E-R-A (320 + 400W)	10	7	2
E-R-A (250W)	10	–	–
E-R-AP (320 + 400W)	9	7	4
E-R-AP (250W)	10	–	–

NOTE: 10 = Fully Extended

Recommended Reflectors

Reflector	Ambient Temperature Limits
E-R-A	35°C Open rated only
E-R-AP	35°C Open rated only
E-RL-C	35°C Enclosed only
E-WG-Z	35°C Open rated only–