EPLC2-HHB SERIES
INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

CAUTION: **BEFORE INSTALLING LUMINAIRE, MAKE SURE LUMINAIRE COMPLIES WITH AREA CLASSIFICATIONS; FAILURE TO DO SO MAY RESULT IN BODILY INJURY AND/OR PROPERTY DAMAGE.**

Do not attempt installation until you are familiar with the following procedures. All installations must comply with the applicable local and/or National Electrical Code.

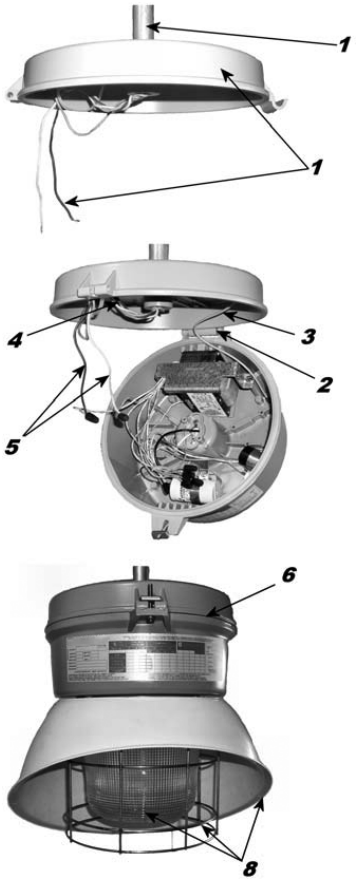
MAKE SURE THAT THE CIRCUIT IS DEACTIVATED BEFORE STARTING INSTALLATION OR MAINTENANCE.

IMPORTANT:

1. Luminaire is to be energized in hazardous locations only after Ballast housing has been secured to Mount (Splice box) and Optics (Globe or Refractor) as indicated in this document.
2. Verify that luminaire is grounded. Failure to ground will create electrical shock hazards, which can cause serious injury and or death.
3. Refer to luminaire nameplate for supply voltage, ambient, supply wire, and other important data.
4. All unused conduit opening must be plugged. Pipe sealant may be applied to threads in plugs and securely tightened.

DIRECTION FOR INSTALLATION:

1. Using the installation images on the right as your guide, make sure the splice box is securely installed. Pull the wires through the conduit and secure with cable tie in splice box.(Refer to Ballast housing nameplate for supply wire rating.)
2. Hang the ballast housing on the splice box hinge hook.
3. Attach green(ground) lead from housing securely to the splice box (marked fixture ground) using grounding screw.
4. Attach supply ground lead (when provided) securely to the splice box (marked supply ground) using ground screw.
5. Ballast housing may have been provided with either a single or multi-tap ballast. Select the applicable voltage and common leads from ballast housing and connect them to the appropriate leads from power supply using the wire nuts provided. Note: Make sure all unused leads are capped off. Keep all wires bundled in cable tie away from ballast.
6. Close the tank against the splice box latch and secure by tightening cylindrical nut and screw.
   Note: Before closing ballast housing against splice box, inspect the ballast housing gasket to be sure it is clean and free of any cuts or abrasions. Make sure no leads are pinched and the gasket is uniformly compressed.
7. See label on housing to install proper type of lamp.
8. Install the optics (Globe, Refractor or Enclosed Reflector) and Guard, if desired.
9. Activate supplying circuit to test the assembled luminaire.



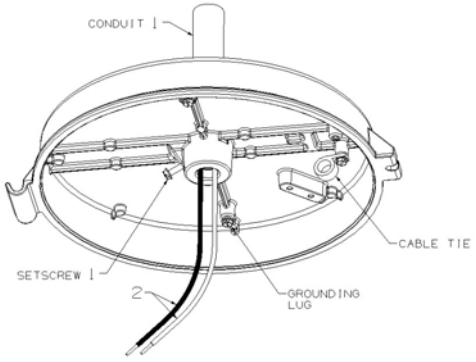
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Mount (Splice Box) Installation:

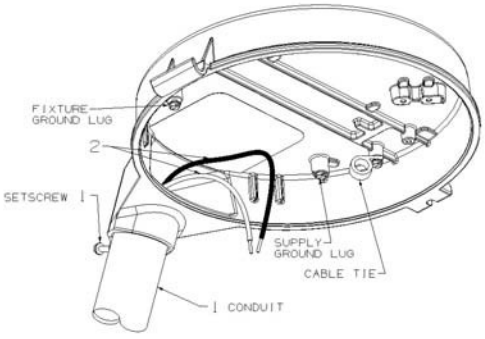
Pedant/Flex Pendant/Cone/ Angle Stanchion (25°)/ Straight Stanchion (90°)

Figure A

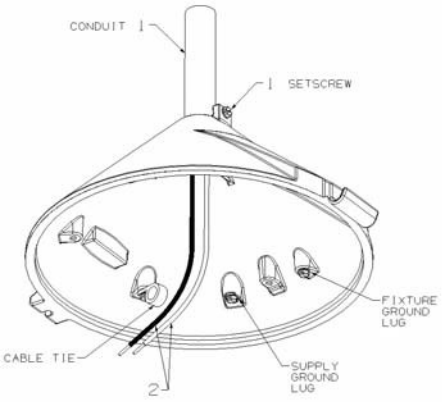
1. Thread the Mount onto existing conduit and secure with the setscrew provided with the Mount.
2. Pull the supply wire, with the proper temperature rating as specified in the ballast housing to be installed, into the mount.



PENDANT



STANCHION



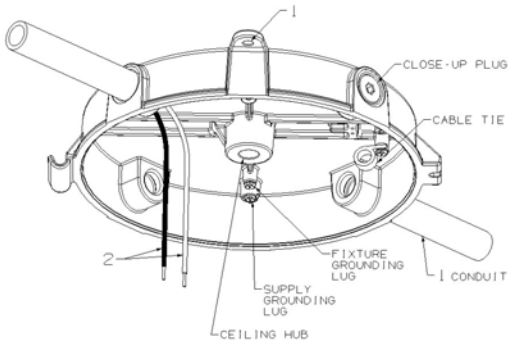
CONE

Figure A

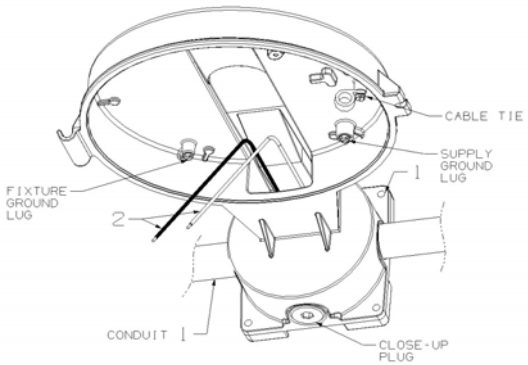
Ceiling/ Wall Bracket

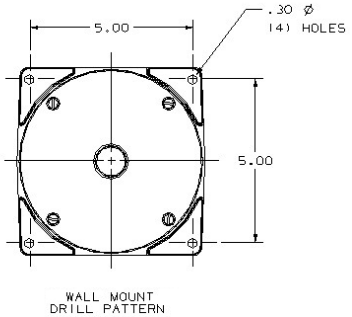
Figure B

1. Mount Ceiling Splice Box using external mounting lugs on 12 7/8” centers. Use 1/4" or 5/16” diameter bolts. Thread conduit onto hubs to be used and tightened.
   Mount Wall Bracket Splice Box to the wall using four holes provided with 5” sq. pattern. Use 1/4" diameter bolts.
   CAUTION: All unused hubs must be plugged with close-up plugs provided.
2. Pull the supply wire, with the proper temperature rating as specified in the ballast housing to be installed, into the mount.



CEILING





WALL BRACKET

Figure B

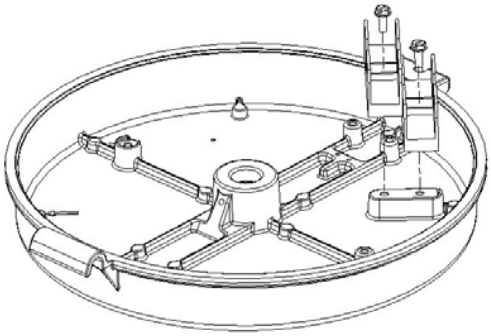
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OPTIONS:

Photo control switch (Suitable for Class I Div. 2 Hazardous location Applications). These devices can be mounted in the mounts. Location of Photo Control switch is marked in the castings. Refer to Photo Control installation instruction sheet for details.

Fuse Kits (Suitable for Class I Div. 2 and Class II Hazardous Applications).

1. Assemble fuse holder(s) in the boss of the castings at marked assigned location(s) in the mount.
2. Fasten fuse holder(s) in casting using self-threading screw(s) provided with kit.
3. Attach Supply line and Common leads to one side of fuse holder(s) and ballast line and Common leads from fixture to opposite side. Refer to the wiring diagram in **Figure C** for your guidance.
   Caution: Make sure fuse holder(s) is connected to same phase terminals.
4. Install appropriate fuses as provided.



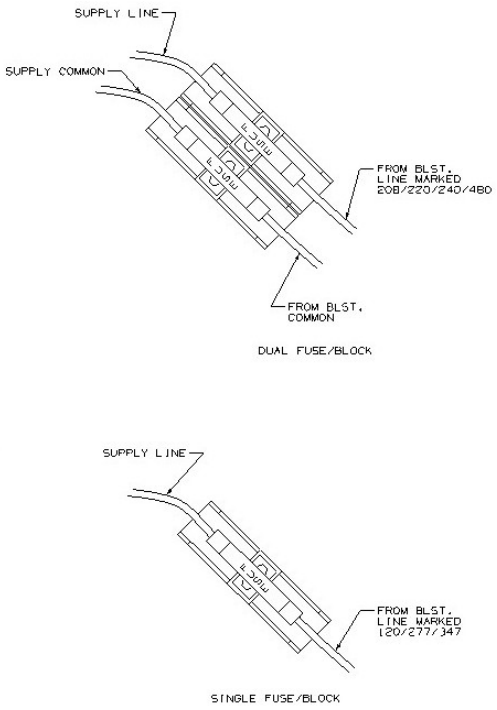


Figure C (Typical mount with fuse options)

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REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL

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