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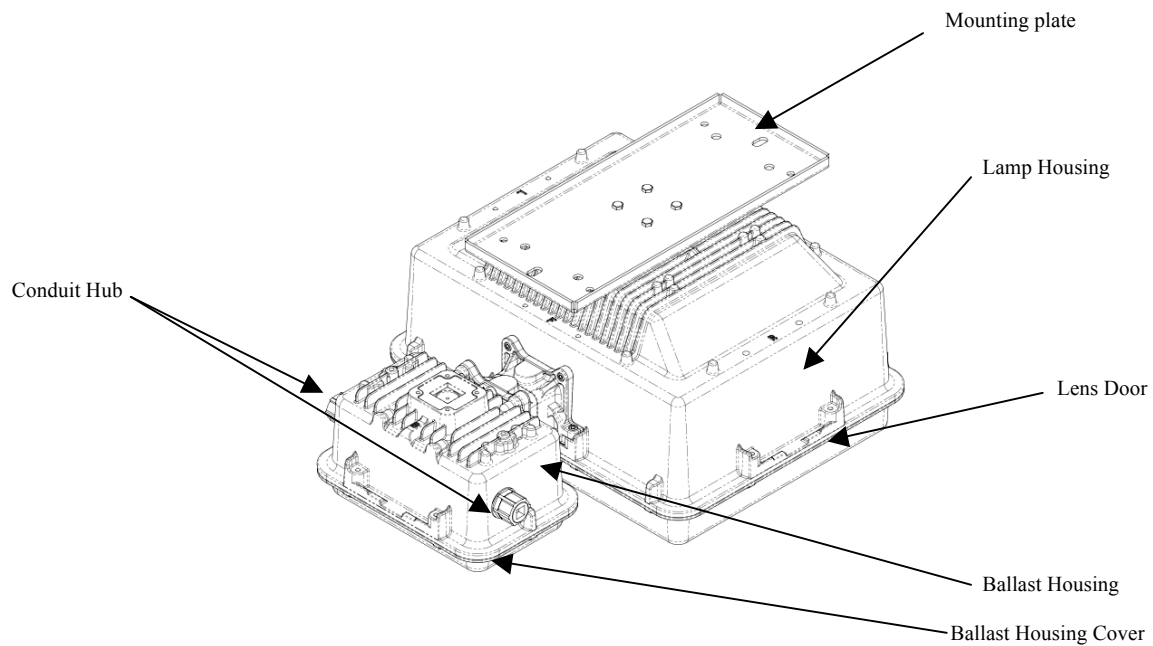
Read instructions carefully before attempting to install luminaire.  
Retain instructions for future reference.

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**Warnings:**

- **This product must be installed in accordance with the applicable local, state, and national electrical codes by a licensed person familiar with the construction and operation of the product and the hazards involved.**
  - **Make sure all electrical power is turned off while installing the luminaire.**
  - **This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.**
  - **External parts of fixture develop high operating temperature. To avoid pain or injury, do not touch external parts of luminaire when it is in operation.**
  - **Disconnect power before servicing.**
  - **Always use correct lamp type and wattage.**
  - **All gaskets and sealing surfaces must be kept clean during installation.**
  - **IP66 rated fixtures provide total dust protection and protection from high-pressure water jets from all directions. The primary electrical conduit system is a potential point of entry of contaminants in to any fixture. Component failure due to contaminant intrusion through the primary entry is not covered under warranty. It is the installer's responsibility to ensure contaminants do not intrude into the fixture during any phase of the installation process. It is recommended that a sealoff fitting and compound, similar to Appleton EY fittings with Kwiko sealing compound, be employed at this point of penetration to insure system integrity.**
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- **When installing in a hazardous location it is necessary that the ballast housing cover and lamp lens door screws tightly closed as describe below. Refer to luminaire markings plate of location designation, maximum operating temperature and maximum ambient temperature.**
  - **DO NOT USE FIXTURE ON UN-GROUNDED CIRCUITS. Failure to ground this luminaire can result in an electrical shock which may be fatal.**
1. Mounting luminaire securely to a surface capable of supporting the luminaire. *Luminaire weight-40lbs.*
  2. Thread approved conduit or suitable fitting into 3/4-14 NPT threaded conduit hub.
  3. Unscrew (6) 1/4-20 screws from ballast enclosure cover using 5/32 hex drive bit or Torx drive bit for tamper proof screw options.
  4. Route three (3) supply conductors rated min. 90°C, 600V into ballast enclosure.
  5. Connect supply grounding conductor (green wire) to opposite end of wire connector fastened to luminaire grounding conductor (green wire).
  6. Connect supply neutral conductor (white wire) to opposite end of wire connector fastened to luminaire neutral conductor (white wire).

7. Connect supply Line/Hot conductor (black or orange wire) to opposite end of wire connector fastened to luminaire Line/Hot conductor (black or orange wire).
8. Gasket integrity must be checked before installation of ballast cover or lens door assembly
  - a. Gasket must be flat, and fully contained in the gasket channel.
  - b. Gasket must be in good repair, replace gasket if worn or torn. Only use gasket provided by HEW.
9. Reinstall ballast enclosure cover by securely (6) 1/4-20 screws (See Diagram 1.2) used to attach ballast cover must be hand started to avoid cross threading. **Do not use power screwdriver to start or torque these screws.**



# Die Cast Installation Instruction Sheet

For Use With Series: ICEAL, ICERL, ICESL, ICEHZ, QLHZ

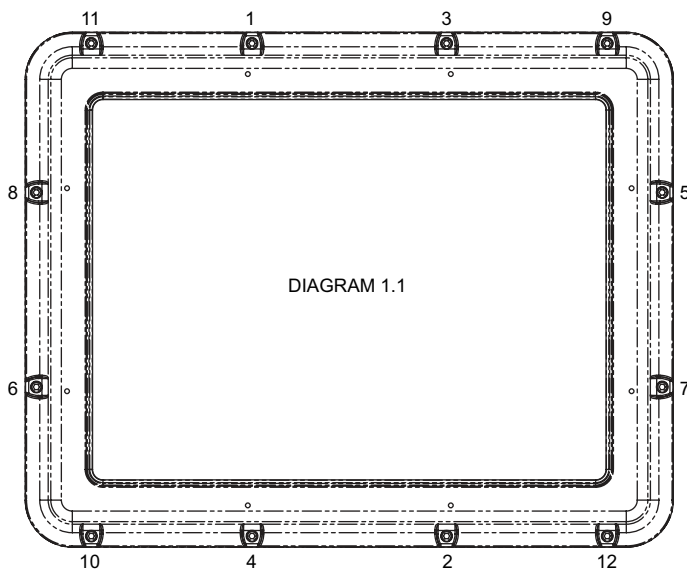
The following steps and/or guidelines must be followed to insure the integrity of the Die Cast fixture.

## Ballast Housing/Lamp Housing:

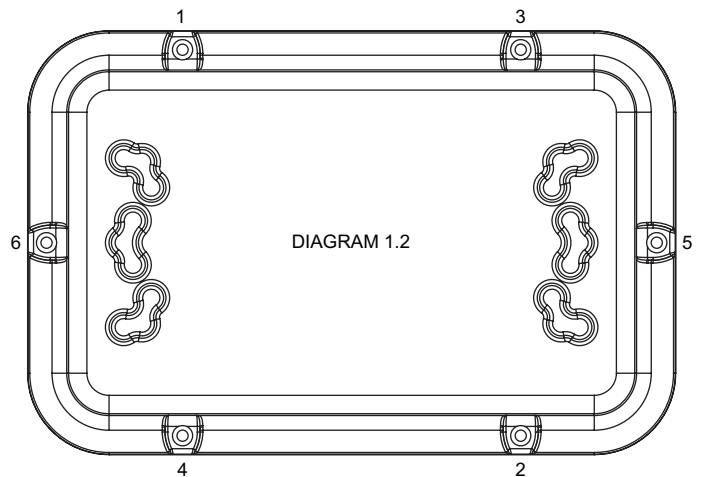
1. Opening of the ballast housing and/or lamp housing requires a 5/32" hex drive bit or Torx drive bit for tamper proof screw option.
2. Connection of lamp to ballast must be made with factory provided cable/wiring and connectors approved by Sylvania Lighting
3. Gasket integrity must be checked before installation of ballast cover or lens door assembly.
  - a. Gasket must be flat, and fully contained in the gasket channel.
  - b. Gasket must be in good repair, replace gasket if worn or torn. Only use gasket provided by HEW.
4. 10-24 undercut screws (see Diagrams 1.1 and 1.2) used to attach ballast cover or lens door assembly, must be hand started to avoid cross threading and torqued to **60 ± 5 in lbs** with a torque wrench. **Do not use a power screwdriver to start or torque these screws.**

**Please Note: Refer to Diagram 1.1 for lens door torque pattern and Diagram 1.2 for ballast cover torque pattern. Screws must be torqued in this specified pattern to insure proper compression of the gasket.**

**TORQUE PATTERN FOR LENS DOOR ASSEMBLY TO LAMP HOUSING:**  
PATTERN MUST BE FOLLOWED IN SEQUENTIAL ORDER AS SHOWN.



**TORQUE PATTERN FOR BALLAST COVER TO BALLAST HOUSING:**  
PATTERN MUST BE FOLLOWED IN SEQUENTIAL ORDER AS SHOWN.



# Die Cast Installation Instruction Sheet

For Use With Series: ICEAL, ICERL, ICESL, ICEHZ, QLHZ

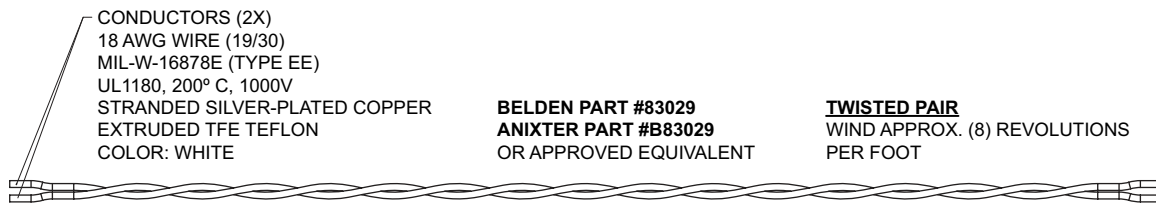
## Incoming Power Connection:

1. All points of power entry must be through the factory installed Meyers Hub with compression gasket.  
(Not applicable with factory installed cord)

## Remote Ballast Application:

1. The Following materials are approved by Sylvania Lighting for the remote cable up to 66 feet.
  - a. Wire: 18 AWG wire (19/30) MIL-W-16878E (type EE), UL1180, 200 C, 1000 Volt, stranded silver-plated copper, extruded TFE TEFLON, wire must be twisted pair, manufacturer: Anixter.
  - b. Conduit: flexible steel conduit Liguatite type UG: for indoor applications only, Liguatite type LA: for outdoor wet locations, UL listed and approved PVC coated galvanized rigid conduit supplied by KorKap.
  - c. Receptacle: Mini-fit jr., Molex part number 39-01-2025 to be used with crimp, female Molex part number 39-00-0039.
  - d. Plug: Mini-fit jr., Molex part number 39-00-0041 or 39-01-3029.

### CONDUCTORS



### CONDUCTOR ASSEMBLY

