

INSTALLATION FOR H.I.D. FIXTURES:

WARNING: Fixtures must be installed and grounded in accordance with the National Electrical Code (NEC) and local codes. Fixtures must be installed by a licensed electrician per local codes.

NOTE: To prevent electrical shock, disconnect from electrical supply before installation or service.

1. Using thread sealant, thread fixture onto junction box or other mounting device (not supplied) until it is at desired direction. Tighten provided lock nut to ensure that the fixture is firmly locked into position.
2. Attach fixture leads to line-in leads from ballast (DL-40 is self-ballasted) observing polarity (black to black, white to white and green to ground) using approved silicone filled safety wire connectors.
3. Coat any exposed fixture threads with thread sealant to prevent moisture from entering mounting device.
4. To adjust fixture aiming angle, loosen swivel screw using a #2 Phillips screwdriver. **Do not remove completely.** Hold fixture at selected angle and tighten swivel screw firmly.
5. Install H.I.D. light bulb – see lamp installation/replacement instructions below.
6. Turn on power to the fixture and check for proper operation.

NOTE: Avoid aiming light fixture directly upward. Set at an angle to prevent rain or irrigation water from settling on lens.

LAMP INSTALLATION/REPLACEMENT

NOTE: Turn off power before servicing fixture.

To re-lamp **DL-16**, remove four screws from lens cap using a #2 Phillips screwdriver. Carefully remove lens cap and gasket. Replace ED-17 medium base H.I.D. light bulb with correct lamp wattage and type marked on fixture label. Insert gasket into lens cap and assemble lens cap onto body. Make sure gasket seats properly between body and cap before tightening screws to ensure a weatherproof seal.

To re-lamp **(C)DL-20, DL-30 & (C)DL-38**, loosen thumb screw on bottom of cap. Hold body and cap with each hand. Rotate and pull to separate. Replace ED-17, PAR or R medium base H.I.D. light bulb with correct lamp wattage and type marked on fixture label. Re-install cap onto body by rotating cap in circular motion while sliding cap into the body. **DO NOT** push cap straight into body to prevent O-ring from slipping out of its groove. Tighten thumb screw when assembled.

To re-lamp **DL-40**, remove two screws from lens cap using a #2 Phillips screwdriver. Carefully remove lens cap and gasket. Replace H.I.D. light bulb with correct G12 lamp wattage and type marked on fixture label. Insert gasket into lens cap and assemble lens cap onto body. Make sure gasket seats properly between body and cap before tightening screws to ensure a weatherproof seal.

CAUTION: Do not exceed maximum wattage marked on fixture label.

IMPORTANT SAFETY INSTRUCTIONS TO REDUCE THE RISK OF FIRE AND INJURY TO PERSONS:

1. Lamp gets hot quickly; turn off, unplug/disconnect and allow to cool down before replacing the light bulb.
2. **DO NOT** touch hot lens, use guard or enclosure.
3. **DO NOT** look into lamp when on.
4. Keep lamp away from materials that may burn.
5. Use only with wattage/lamp marked on fixture warning and instructions.
6. Use the correct light bulb base with the correct socket.
7. **DO NOT** touch lamp at anytime. Use a lint-free cloth when handling the Halogen light bulbs as oil from skin may damage lamp and shorten lamp life.
8. **DO NOT** operate fixture with missing or damaged shield or lens.

DISTANCE LIMITATIONS

Do not mount HID fixture over 10 feet away from ballast. If application required runs longer than 10 feet, specify a Long Range Igniter to operate HID fixtures (add -LRI to catalog #)

