



INSTALLATION INSTRUCTION SHEET

HOWARD™

LIGHTING PRODUCTS

LDWP Series

Large
Deep
Wall
Pack



 **WARNING:**

Disconnect power during installation and before servicing.

 **SAFETY:**

This fixture must be wired in accordance with the National Electric Code and applicable local codes or ordinances.
All work should be performed by a qualified electrician. To insure personal safety, proper grounding is required (connect green fixture lead to supply ground).

IMPORTANT:

Read all instructions carefully before attempting installation. If you do not understand these instructions, please consult your local distributor. Thoroughly inspect the fixture for any freight damage; freight damage should be reported to the delivery carrier.

MOUNTING:

1. Open the fixture from the front by removing the lens screws located on the front of the housing. Remove lamp for later use.
2. Remove the reflector by loosening/removing the two retaining screws and set reflector aside.
3. A. 'J-Box' Mounting: Remove hole plug in the rear housing for wiring pass thru to outlet j-box. Knock/drill out holes in casting to mate to j-box. Apply silicon sealant between mounting surfaces to insure watertight seal. Secure fixture to j-box with j-box screws (not provided).
B. Thru Hole Mounting: Drill thru holes in fixture for screw mounting to wall. Apply silicon sealant to any open holes and/or mounting holes to prevent water entry. Secure to wall with two or more lag screws. Also, secure fixture to junction box with screws.

WIRING CONNECTIONS: (Use only approved connectors for all electrical connections.)

1. Connect the black fixture wire to the black supply wire (line).
2. Connect the white fixture wire to the white supply wire (neutral).
3. Connect the green fixture wire to the junction box ground wire.
4. Ballast Voltage: This fixture may be provided with a multi-tap ballast (120/208/240/277v). The fixture is typically prewired for 277v operation. If a different input voltage is required, connect the black supply wire to the required ballast input lead and insulate the 277v lead with a wire nut. Ensure that all unused ballast taps are individually capped off to prevent a short circuit when the fixture is energized.

REASSEMBLY / LAMP INSTALLATION:

1. Reinstall the reflector; carefully place the reflector back into its original position insuring that no wiring is pinched. Tighten the reflector retaining screws.
2. Install HID lamp (provided). If lamp replacement is necessary, insure that the lamp is the same wattage and ANSI designation code as indicated on the fixture nameplate.
3. Close the front lens housing. Replace and tighten housing screws.

TROUBLESHOOTING TIPS: If the fixture fails to operate properly, check the following:

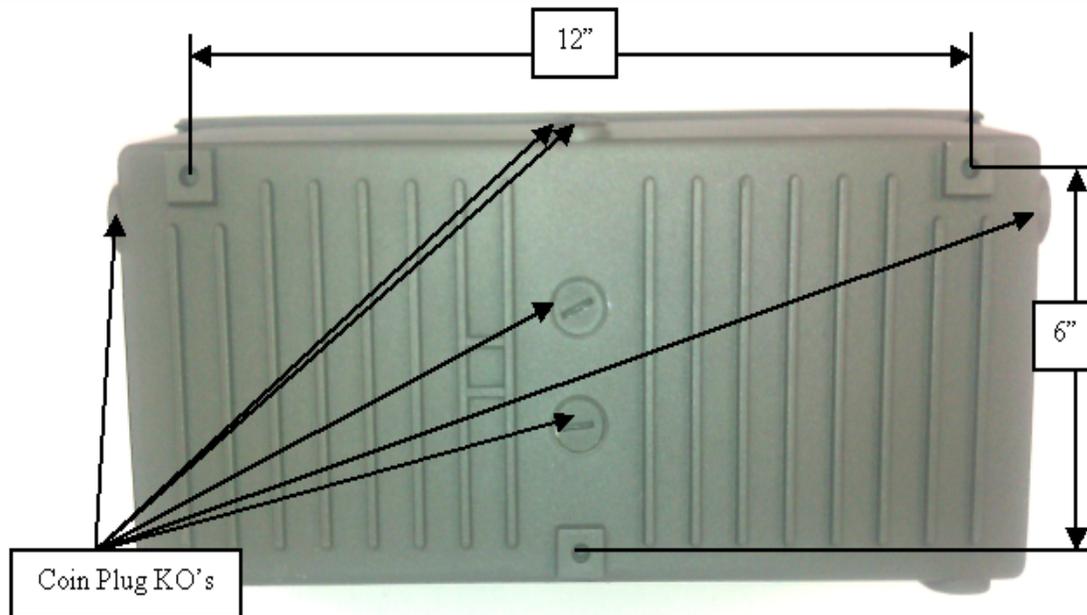
- ✓Verify the correct lamp type is used and properly installed.
- ✓Verify the lamp is not defective (try known good lamp).
- ✓Verify proper line voltage is present and wired to the correct ballast input voltage lead.
- ✓Verify fixture wiring (refer to schematic printed on ballast label).
- ✓Verify that the fixture is grounded.



WARNING: These procedures should only be performed by a qualified electrician. Supply power should be turned off when replacing components or checking connections. Never perform maintenance or cleaning while fixture is energized. Disconnect power and allow lamp to cool before replacing.



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Use any conduit coinplug access location for fixture supply wiring.

For secure installation, bolt backplate to mounting surface using standoff's (shown in photo at 12x6 spacing).

1. Open the fixture from the front by removing the two screws located on the right side of the housing. Remove lamp for later use. Lift lens door off hinges and aside for later reinstallation.
2. Remove the reflector by loosening the two retaining screws and set reflector aside.
3. Remove wiring compartment cover and set aside.
4. Knock out / drill holes in the rear housing for mounting fixture to wall.
5. Apply silicon sealant (not provided) to any mounting holes to prevent water entry.
6. Secure fixture to wall with three screws (not provided).
7. Secure fixture to supply conduit (not provided).
8. Complete input wiring connections to power source and ground.
9. Reinstall wiring compartment cover, reflector, install lamp, and replace lens door.