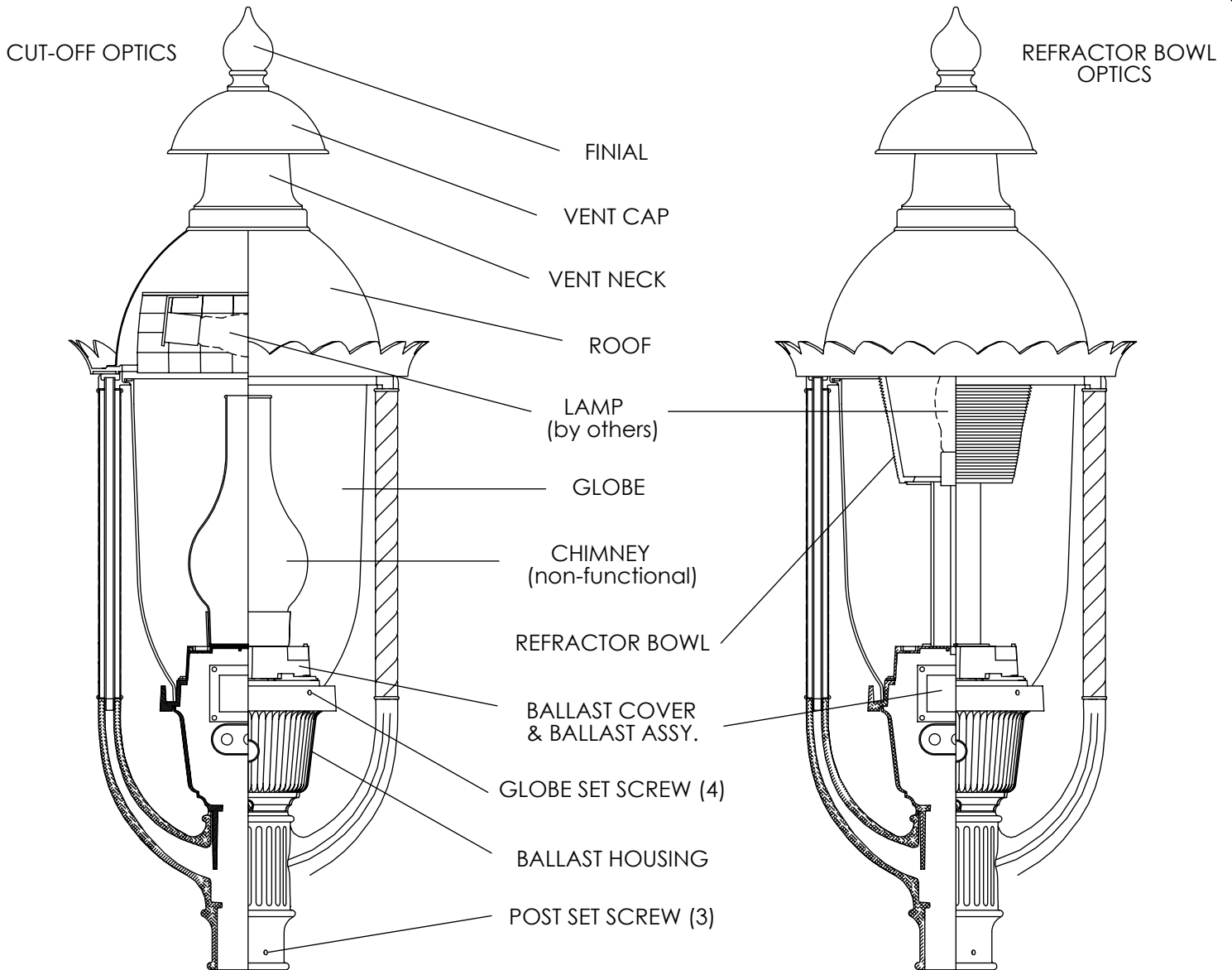


## INSTALLATION INSTRUCTIONS: V092 OLD BOSTON FIXTURES



### CAUTION

1. The electrical power must be disconnected from the fixture and pole before installing, servicing, or relamping the fixture.
2. These directions must be read carefully and adhered to. Failure to do so may result in injury, damage to the fixture, and voiding the warranty.



This fixture is intended for installation in accordance with the National Electrical Code and local code specifications. Failure to adhere to these codes and instructions may result in serious injury and/or damage to the ballast and void the warranty. These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency related to installation, operation, maintenance, or mounting situation. Should specific problems occur that are not addressed by these instructions, contact your Sales Representative or distributor for assistance. Retain these instructions for future reference.

## TOOLS REQUIRED FOR INSTALLATION

1. 5/32" allen wrench
2. Wire connectors for appropriate wire

## INSTALLATION

**WARNING** - The power **MUST** be turned off prior to proceeding. Read these instructions carefully. If any problems are encountered that are not covered in these instructions, contact Hadco for assistance.

STEP 1: Using wire nuts, connect the incoming power supply wires to the fixture supply wires.

STEP 2: Mount the housing onto a 3" post shaft or tenon.

Use the post fitter's 5/16-18 set screws, supplied by Hadco, to secure the housing to the post shaft or tenon.

STEP 3: Loosen the thumb screw that secures the hinged roof. Open roof.

STEP 4: Install the correct lamp as specified on the lamp label next to the socket.

STEP 5: Close the roof and tighten the thumb screw.

STEP 6: Connect power and test the fixture for proper operation.

## TO REPLACE LAMP

**NOTE:** It is a good idea to clean the fixture each time you relamp. Avoid using harsh solvents or abrasives.

STEP 1: Loosen the thumb screw that secures the hinged roof. Open roof.

STEP 2: Remove the old lamp and dispose of it in accordance with local codes and regulations.

STEP 3: Install a new lamp, referring to the lamp label next to the socket to ensure using the correct type.

STEP 4: Close the roof and tighten the thumb screw.

## TO REPLACE BALLAST

STEP 1: Loosen the thumb screw that secures the hinged roof. Open roof.

STEP 2: Loosen (4) set screws at bottom of globe and remove globe.

STEP 3: CUT-OFF OPTICS:

- \* Remove glass chimney from chimney holder.

- \* Loosen (2) #8-32 screws securing chimney holder to ballast cover.

- \* Remove chimney holder.

REFRACTOR BOWL OPTICS:

- \* Remove lamp.

- \* Loosen (2) #8-32 screws securing refractor bowl assembly to ballast cover.

- \* Remove refractor bowl assembly.

STEP 4: REMOVE BALLAST COVER & BALLAST

- \* Push the white spring clip away from the ballast cover with thumb and rotate the ballast cover counter-clockwise until it stops.

- \* Lift the ballast cover away from the fixture and disconnect the blue & yellow quick-connects.

STEP 5: Check and make sure that the lamp type and wattage correspond to the NEW ballast type and wattage.

STEP 6: Check the NEW ballast module for proper voltage.

STEP 7: Install new ballast cover and ballast by reversing STEP 4.

- \* Verify that the spring clip snaps back into place and secures the ballast cover to the fixture.

STEP 8: Replace all of the remaining removed parts by reversing instructions from above.

## WIRING TO INTERNAL TERMINAL BLOCK (if applicable):

STEP 1: Follow STEPS 1 through 4 from Ballast Replacement instructions.

STEP 2: Loosen the (2) #8-32 screws and rotate the terminal block bracket in order to remove it from the housing (see FIGURE 1, below).

STEP 3: Remove the out wires (supplied by Hadco) from the terminal block.

STEP 4: Install the incoming power supply wires into the terminal block.

- \* First, verify that the voltage-lead coming from the ballast is the same as the incoming voltage.

- \* Then proceed to connect the common supply in line with common, the ground supply in line with the ground, and the supply voltage in line with the voltage.

STEP 5: Replace the terminal block bracket and tighten the (2) #8-32 screws.

STEP 6: Replace the ballast cover and ballast by reversing STEPS 1 through 4 from Ballast Replacement instructions.

- \* Verify that the white spring clip snaps back into place and secures the ballast cover to the fixture.

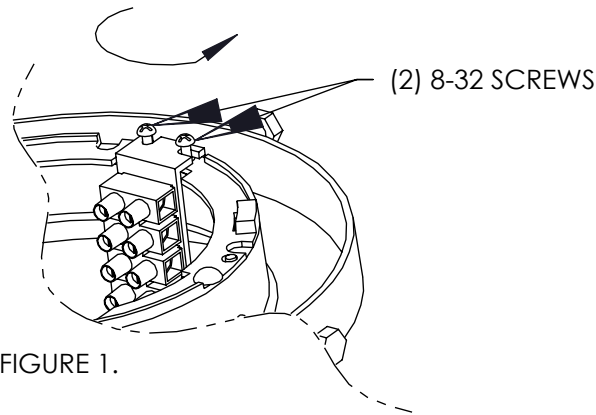


FIGURE 1.

DISCLAIMER

While we believe these instructions to be accurate at the time of publication, Hadco reserves the right to make changes to this fixture and/or components. The contractor should follow local and National Electrical Codes where required. For any further information please contact Hadco customer service.

REPLACEMENT COMPONENTS

ORDERING NUMBER	DESCRIPTION
V092-FIN(*)	FINIAL
V092-CAP(*)	VENT CAP
V092-NECK(*)	VENT NECK
V092-DOME	ROOF DOME, WHITE FINISH
V092-GLOBE	POLYACRYL CLEAR LENS
V092-CHIM	FROSTED GLASS CHIMNEY
V092-REFR-T2	GLASS REFRACTOR BOWL, TYPE 3 OPTICS
V092-REFR-T5	GLASS REFRACTOR BOWL, TYPE 5 OPTICS

(\*) = SPECIFY FINISH (A - BLACK, J - GREEN)

REPLACEMENT BALLAST ASSEMBLIES (includes twist-lock ballast cover)

REPLACEMENT HPS BALLASTS  
(for fixtures with cut-off optics)

ORDERING NUMBER	DESCRIPTION
V092-(*)D70S(**)	70W HPS, MED BASE
V092-(*)G70S(**)	70W HPS, MOG BASE
V092-(*)D100S(**)	100W HPS, MED BASE
V092-(*)G100S(**)	100W HPS, MOG BASE
V092-(*)D150S(**)	150W HPS, MED BASE
V092-(*)G150S(**)	150W HPS, MOG BASE

REPLACEMENT HPS BALLASTS  
(for fixtures with refractive optics,  
includes socket assembly)

ORDERING NUMBER	DESCRIPTION
V092-(*)D70S(**)R	70W HPS, MED BASE
V092-(*)G70S(**)R	70W HPS, MOG BASE
V092-(*)D100S(**)R	100W HPS, MED BASE
V092-(*)G100S(**)R	100W HPS, MOG BASE
V092-(*)D150S(**)R	150W HPS, MED BASE
V092-(*)G150S(**)R	150W HPS, MOG BASE

REPLACEMENT MH BALLASTS  
(for fixtures with cut-off optics)

ORDERING NUMBER	DESCRIPTION
V092-(*)D70H(**)	70W MH, MED BASE
V092-(*)D100H(**)	100W MH, MED BASE
V092-(*)D175H(**)	175W MH, MED BASE
V092-(*)G175H(**)	175W MH, MOG BASE
V092-(*)G250H(**)	250W MH, MOG BASE

REPLACEMENT MH BALLASTS  
(for fixtures with refractive optics,  
includes socket assembly)

ORDERING NUMBER	DESCRIPTION
V092-(*)D70H(**)R	70W MH, MED BASE
V092-(*)D100H(**)R	100W MH, MED BASE
V092-(*)D175H(**)R	175W MH, MED BASE
V092-(*)G175H(**)R	175W MH, MOG BASE
V092-(*)G250H(**)R	250W MH, MOG BASE

(\*) = SPECIFY FINISH (A - BLACK, J - GREEN)

(\*\*) = SPECIFY VOLTAGE (E - 120V, F - 208V, G - 240V, H - 277V, K - 347V)