

## MOUNTING



### SPM Mounting: Figure 2

1. Attach the mounting bracket and nut plate to pole with 2 of the 3/8-inch #16 bolts furnished.
2. Attach the luminaire to the mounting bracket with two 3/8-inch #16 hex head bolts. Insert the luminaire power leads into the pole.
3. Install the decorative cover from the top and secure with the enclosed screw.
4. Connect the proper luminaire leads to the supply leads in the pole. Refer to the instructions in the WIRING section.

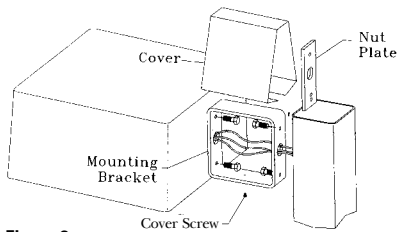


Figure 2

### SYM Mounting: Figure 3

1. Insert the pigtail leads into one leg of the yoke mount as you assemble the yoke mount to the luminaire. Tighten the two screws at each coupling to secure the luminaire.
2. Remove the wiring access cover and mount the luminaire on the pole. Secure and level the luminaire by adjusting the four setscrews on the hub.
3. Follow the appropriate guide lines in the WIRING section of these instructions. Replace the wiring access cover.

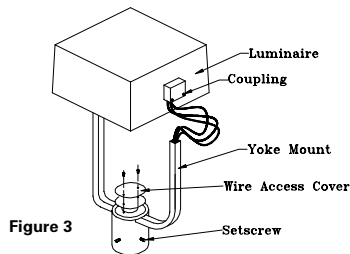


Figure 3

## FINAL ASSEMBLY

### PHOTOELECTRIC CONTROL

The photoelectric control receptacle (if present) should be oriented before the control is installed. Loosen the two screws and rotate the receptacle until "NORTH" is directed to true North. Retighten screws and install control.

### MAINTENANCE AND CLEANING



It will occasionally be necessary to clean the outside of the refractor to maintain the light level. Frequency of cleaning will depend on the ambient dirt level and the minimum light level which is acceptable to the user. The lens door should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should the optical assembly become dirty on the inside, wipe the reflector and clean the lens door in the above manner, and replace any damaged gasket.

### LAMP INSTALLATION/REPLACEMENT

The light output of a luminaire is also dependent on the age of the lamp. In applications where the light level is critical it may be desirable to replace lamps before they reach end of life. The lamp manufacturer can provide data showing how the lamp light output decreases with use.

Use only lamps specified on nameplate. Observe lamp manufacturer's recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

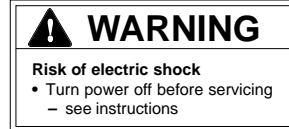
The lamp should be tightened to a light firmness sufficient to depress the center socket contact.



**GE Lighting Systems, Inc.**

Hendersonville, NC 28793-4506

## READ THOROUGHLY BEFORE INSTALLING



### GENERAL

This luminaire is designed for outdoor lighting applications, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures; it should be installed and maintained according to following recommendations.

### UNPACKING

This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm.

### INSTALLATION

#### WIRING:

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

Verify that supply voltage is correct by comparing it to nameplate.

If unit is designated as multivolt or multiwatt, follow specific instruction.

Do not remove insulated connectors from wires not needed for required voltage connection.

Pigtail leads are provided for supply connection. System neutral should be connected to the white lead. Green lead is equipment ground.

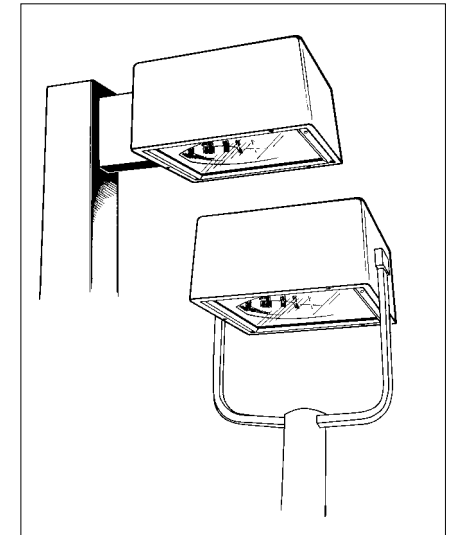
**SINGLE VOLTAGE UNITS:** Are completely wired so that the user needs to connect only the supply conductors to the primary leads and the fixture ground.

#### MULTIVOLT UNITS:

- a) **Internally Reconnectable Multi-Volts:** If no line voltage is specified on the nameplate, or if a voltage other than the one specified is required, refer to Figure 1 and open the luminaire and gain access to the ballast. Make the desired voltage selection as outlined in the instruction

# INSTRUCTIONS Decashield® 175 Luminaire

GEH-5773A



tag attached to the black lead with the insulated terminal. Be careful to move only the one lead having the insulated terminal; then proceed with the installation.

Figure 1

- b) **Externally Reconnectable Multi-Volts:** (120 or 277 volts)  
Follow the connection diagram on the wiring label attached to the luminaire for proper wiring.

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These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to General Electric Company.