



GE Lighting Systems, Inc.

Hendersonville, NC 28793-4506

GEH-5750D

INSTRUCTIONS Flat Top Decasphere® Luminaire

READ THOROUGHLY BEFORE INSTALLING

WARNING

Risk of electric shock

- Turn power off before servicing
- see instructions

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.

Replace power fuses only with fuses of the same type and ratings.

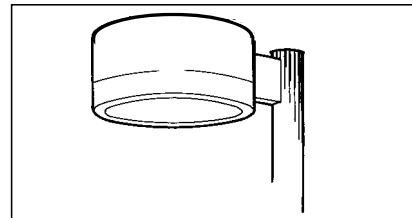
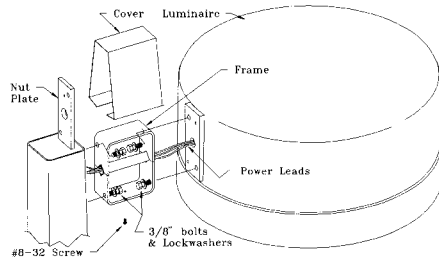
GENERAL

This luminaire is designed for use in outdoor applications and must adhere to 25°C Max ambient temperature limitation. Install and maintain it according to the following recommendations.

CAUTION

Unit will fall if not installed properly

- Follow installation instructions



INSTALLATION

Step 1

- A. Drill pole per Fig. A if a square pole or Fig. B if a round pole.

Fig. A

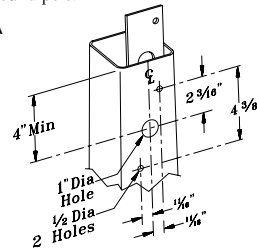
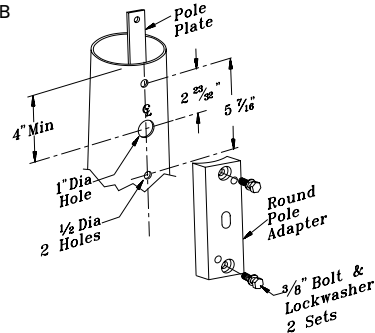


Fig. B



- B. Mount frame and nut plate assembly to pole with (2) 3/8" bolts and lockwashers. If a round pole, install Round Pole Adaptor.
- C. Attach luminaire to frame feeding power leads through Frame tube. Secure with (2) 3/8" bolts and lockwashers.
- D. Install cover over Frame and secure with #8-32 Screw.
- E. Splice power leads to incoming power. Install pole cap.
- Strain relief for incoming power must be provided in the pole top by the customer.

RELAMPING, CLEANING AND LIGHT DISTRIBUTION CHANGES

CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

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

To Open Lens Door

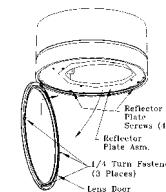
Loosen (3) 1/4 turn fasteners by turning CCW. Phillips screw driver required. Lens door is hinged on pole side.

To Remove the Lens Door

Open to the position shown, lift and slide forward.

To Remove or Rotate the Reflector

Reflector may be removed to gain access to ballast and wiring, or rotated 90° CW or CCW to orient light distribution by loosening screws at each of (4) keyhole slots in reflector plate assembly. Assembly is tethered to luminaire. If it is necessary to detach assembly, remove screw that holds tether to reflector plate.



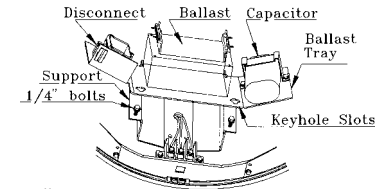
BALLAST TRAY REMOVAL AND INSTALLATION

Open lens door and remove Reflector plate assembly per instructions above.

To Remove

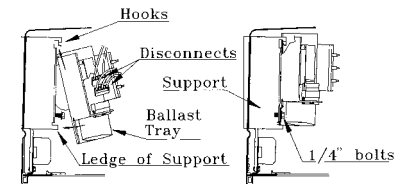
Disconnect incoming power and lamp leads at the electrical disconnects. Loosen (2) 1/4" bolts, pull tray out and drop to clear keyhole slots.

CAUTION: Be prepared to support the weight of the ballast during removal.



To Install

Locate ballast between hooks on support. Slide tray up under these hooks till 1/4" bolts can engage keyhole slots, push in and up until tray is sitting on ledges of support. Tighten 1/4" bolts and install two electrical disconnects.



WIRING

IF SINGLE VOLTAGE:

All single voltage ballasts are pre-wired such that user need only connect the supply conductors.

IF MULTIVOLT: (120/208/240/277)

Connect the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate.

IF MULTIWATT:

Multiwatt ballasts are available in various combinations of wattage. See wiring instructions on wiring tag inside the luminaire.

Removal of ballast tray may be required for access to ballast terminals. Follow instructions for ballast tray removal and installation as outlined above. Move insulated terminal to appropriate ballast terminal specified on wiring tag inside luminaire.

CLEANING INSTRUCTIONS AND CAUTIONS

Internal

Should internal reflector system require cleaning, use only non-abrasive, neutral (pH 6-8) cleaner containing no chlorinated or aromatic hydrocarbons. Rinse clean and wipe.

External

Clean glass lens with a mild soap and water solution, rinse clean and wipe dry.

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.

® Registered Trademark of General Electric Company