

- Position luminaire mounting holes on support structure and mount using appropriate hardware (customer supplied), pulling wiring into luminaire.
- Make electrical connection and feed all wiring into customer J-box.
- Re-attach wiring cover and tighten screws.
- To complete installation, follow instructions in LAMP INSTALLATION, WIRING and PHOTOELECTRIC CONTROL.

LAMP INSTALLATION



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

Lamp Tightness: The lamp should be securely inserted to NEMA-EE1 specified torque of 35 inch-pounds, which is best achieved by very firmly tightening to insure application of sufficient torque. Tightening must be sufficient to fully depress and load center contact of socket.

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.

Connect supply leads to internal terminal board as shown on wiring tag.

NOTE: Terminal board will accept supply leads ranging in size from AWG No. 14 through No.6. (Check nameplate for minimum temperature requirement and electrical data.)

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

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 volts)

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.

Re-attach reflector plate, close door and check for secure latch engagement. Installation is complete.

Photoelectric control (if option present): Photoelectric control receptacle should be oriented before control is installed. Loosen the two holding screws and rotate receptacle until "North" is directed as near as possible to true North. Tighten holding screws and install control.

MAINTENANCE AND CLEANING

It will occasionally be necessary to clean outside of door glass to maintain light levels. Frequency of cleaning will depend on ambient dirt levels and minimum light level which is acceptable to user. Door glass 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 inside, wipe reflector and clean door glass in above manner, and replace any damaged gasket.

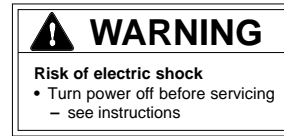
The light output of a luminaire is also dependent on age of lamp. In applications where light levels are critical it may be desirable to replace lamps before they burn out. Lamp manufacturer can provide data showing how lamp light output decreases with use.



GE Lighting Systems, Inc.

Hendersonville, NC 28793-4506

READ THOROUGHLY BEFORE INSTALLING



GENERAL

This luminaire is designed for outdoor ceiling/under-canopy lighting applications. It should be installed and maintained according to the following recommendations.

UNPACKING

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

INSTALLATION

Reflector Rotation: (Does not apply to VTV optics.)

Reflectors may be rotated such that socket is in any of four positions. This allows for variations in beam aiming. In order to rotate reflector the following procedure should be followed.

- Rotation is best accomplished before mounting luminaire.
- Note rear edge of reflector position with respect to hinges (edge inserted into hinge pocket). Access reflector screws by loosening reflector plate to main housing screw. It is not necessary to detach tethers.

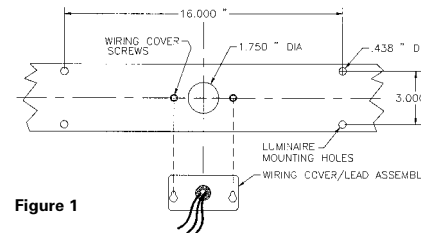


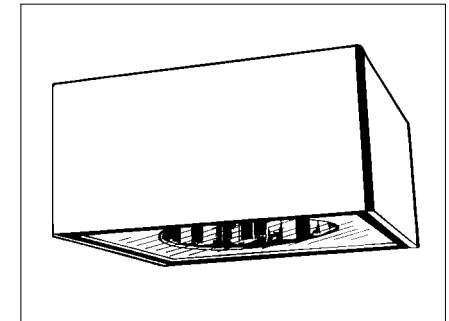
Figure 1

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35-201578-R1 (GELS 12/99)

GEH-5735A
INSTRUCTIONS

Dimension DMC (Ceiling Mount) Luminaire



- Remove four screws which attach reflector to reflector plate.
- Rotate reflector to desired position, being careful not to twist socket lead wires.
- Re-attach reflector by re-installing four screws.
- Reposition reflector plate by inserting rear edge of plate into hinge pocket and attach plate to main housing with screw.

MOUNTING



NOTE: Power leads should be pulled as mounting parts are assembled, verifying that leads are free and not pinched. Ballast voltage selection and reflector orientation are best accomplished before mounting luminaire. See WIRING for instruction.

- Open luminaire door by pushing inward on latches while supporting door. Release reflector plate by loosening plate main housing screw and allow plate to hang from tethers.
- Loosen wiring cover screws and slide cover/wiring assembly to remove cover and attached wires.
- Prepare mounting according to Figure 1 dimensions with J-box centered.

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.