



**GE Lighting Systems, Inc.**

Hendersonville, NC 28793-4506

**GEH-5801A  
INSTRUCTIONS  
Criterion™ Wall Pack  
35 - 70 Watt**

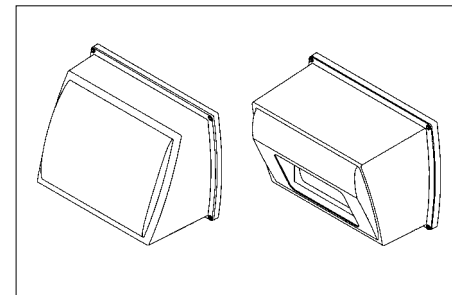
**READ THOROUGHLY BEFORE INSTALLING**

**WARNING**

- Risk of electric shock**
  - Turn power off before servicing
  - see instructions

**WARNING**

- Risk of fire**
  - Use supply wire specified on nameplate



**A. MOUNTING**

**CAUTION**

- Unit will fall if not installed properly**
  - Follow installation instructions

**GENERAL**

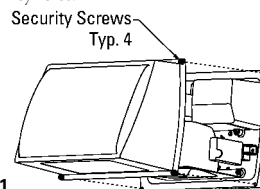
This luminaire is designed for outdoor lighting applications, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures. For optimum performance, it should be installed and maintained according to the following recommendations.

**UNPACKING**

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

**INSTALLATION**

The front cover must be removed by loosening four security screws (see Figure 1). Removal of the front cover allows access for mounting and wiring. Remove the reflector by loosening the two mounting screws and slide through keyholes.

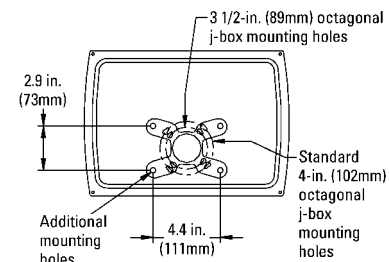


**Figure 1**

A gasket is provided on the back of the unit to provide water and dust protection when mounting to smooth surfaces. To maintain IP65 dust and water protection of the unit on textured surfaces (block, brick, etc), caulk the back of housing with generic non-hardening sealant (not provided) across the top, bottom and both sides.

**Outlet Box Mounting:**

The luminaire can be mounted to a suitable recessed-mounted outlet box (3 1/2-in. or 4-in. octagonal). The back plate may be attached to the outlet box with two 10-24 screws (not provided), approximately 1-in. (25mm) long. An alternate method of mounting the back plate over a recessed-mounted outlet box is to position back plate over the box and securely mount with lag bolts (not provided) through the holes provided in the back plate (see figure 2). Wire the unit (see Wiring). Re-install reflector, install lamp (see LAMP INSTALLATION) and re-attach the front cover by tightening security screws.



**Figure 2**

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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.

#### Inverted Mounting:

Units can be mounted upside down for indirect lighting application, if properly configured. Field modification is not recommended. Accessories such as photocontrols and fusing have specific positions and and/or limitations on operation.

#### B. WIRING

Make all electrical connections in accordance with all applicable code requirements (National Electrical Code, Canadian Electrical Code and applicable local Codes).

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

Customer supply wiring entering from a junction box through the center hole in the back plate shall be connected to the wire leads provided. Connections shall be returned to the junction box.

#### 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):

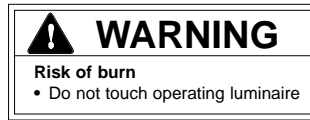
Units may be equipped with a multi-volt ballast. Ballast has been wired to the voltage indicated on the nameplate. If another voltage is desired, place the ballast lead with the insulated terminal to the desired voltage terminal as indicated on the ballast terminal nameplate. Optional features such as fusing and photocontrols are voltage specific. Making this modification will damage or destroy these optional parts and will void applicable safety listing (UL, CUL, CSA, etc.) of the fixture.

To complete installation refer to MOUNTING.

#### C. AIMING

Units equipped with the forward throw reflector can be field adjusted to fine-tune the illumination on-site. Adjust the aiming by loosening the two screws holding the reflector in place, rotate the reflector to the desired setting and re-tighten screws. Reflector is marked with  $\pm 5$  degree increments.

#### 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-Medium Base Lamp:

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

Note: Use of lubricants on lamp base or sockets can cause rapid lamp failure and voids fixture warranty.

#### MAINTENANCE AND CLEANING

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

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

## MOUNTING DIAGRAM

