

INSTALLATION INSTRUCTIONS

Emergency Ballast

Upon receipt, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the label on the carton to ensure you have received the correct merchandise.

GOTHAM[®]



IMPORTANT SAFETY INFORMATION

For Your Protection, Read Carefully

WARNING - Risk of fire. Do not install insulation within 3 inches of fixture sides or wiring compartment, nor above the fixture in such a manner as to entrap heat.

1. Electric current can cause painful shock or serious injury unless handled properly. For your safety, always remember the following:

- Turn off the power supply.
- Ground the fixture to avoid potential electrical shocks.
- Do not handle an energized fixture or energize any fixture with wet hands, when standing on a wet or damp surface, or in water.
- Double check all electrical connections to be sure they are tight and correct.

2. Specific safety information concerning lamps:

- Match wattage of fixture and lamp exactly.
- Do not remove or insert lamp when power is on.
- Do not scratch glass or subject lamp to undue pressure as either may cause lamp breakage.
- Protect operating lamp from sources of moisture.

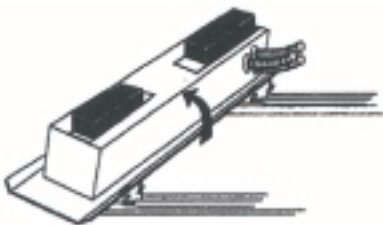


Figure 1

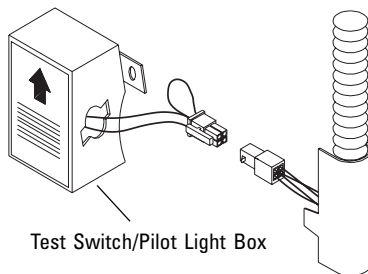


Figure 2

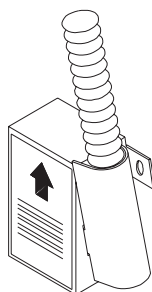


Figure 3

Prior to Installation

1. Install rough-in section as detailed on separate instruction sheet.
2. Determine line voltage to fixture (switched and unswitched power requirements).
3. Verify correct ballast/lamp combination.

Installation

1. Pivot emergency ballast assembly onto mounting rails of rough-in section as shown in Figure 1. Make any necessary vertical adjustments to assure that the bottom of the rough-in section is flush or slightly above (1/8" max.) the ceiling line.
2. Make emergency ballast assembly and test switch/pilot light connection by plugging the two connectors together (see Figure 2).
3. Push wires and connectors into opening of test switch/pilot light box fastened to reflector. Install flex connector into box making sure that flex is oriented in direction of arrow (see Figure 3).

IMPORTANT: When connectors are plugged together, the fixture circuit is completed. If power to fixture is turned off, the batteries inside the emergency ballast assembly will discharge. Frequent power interruptions may result in premature failure of the batteries.

IMPORTANT: After power has been turned on, allow batteries inside emergency ballast assembly to charge for 24 hours. Install appropriate lamp(s) into lampholder(s) and test by either pressing the test switch or turning the power off (one lamp will be illuminated). Each time both the switched and unswitched power supplies are turned off the emergency ballast assembly will discharge. If done frequently the batteries inside the emergency ballast will fail prematurely and emergency ballast assembly will have to be serviced or replaced.

TROUBLE SHOOTING CHART

Check for any visible damage to the lamp or frame-in module. If they seem in good condition, locate the problem in the following list of possible causes and corrective actions.

Symptom	Possible Cause	Corrective Action
LAMP FAILS TO LIGHT	-Circuit feeding the fixture not energized -Wiring error in circuit or module connection -Faulty lamp -Line or ballast output -Faulty ballast -Ambient temperature too low	-Check circuit breaker or fuse to ensure that circuit is energized. -Examine fixture splice box to ensure that connections are correct. -Remove the faulty lamp and substitute another lamp, preferably one that is known to light. If the lamp lights, replace the original with a new one. -Check line voltage at fixture. Check open circuit voltage. -Check circuit continuity. -Check ballast rating against existing environmental conditions.
LAMP GOES OUT AFTER LIGHTING	-Faulty lamp	-Occasionally a lamp will exhibit this symptom rather than simply failing to light. Substitute a new lamp.
LAMP CYCLES ON AND OFF	-Insulation is too close to fixture -Lamp wattage too high -Ballast output voltage low	-Remove insulation from around module (at least 3") -Install lamp wattage specified in housing. -Check line voltage at the fixture. Check open circuit voltage.