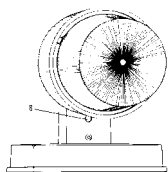
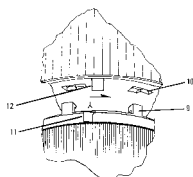


housing, twist clockwise with a light firmness like an ordinary household lamp. The wall bracket mounting accessory is provided with a mounting security latch. The security latch will click several times as it starts engaging detents on top of housing.



(Figure D)

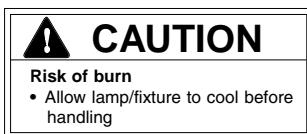


(Figure E)

To remove housing (Figure D)

Unscrew housing as you would an ordinary household lamp while disengaging the security latch by pushing it with a small blunt object through access hole (8) located behind housing on underside of wall bracket mounting accessory. Only 1/16-inch movement should be sufficient to disengage security latch. Excessive force could damage the security latch.

LAMP



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.

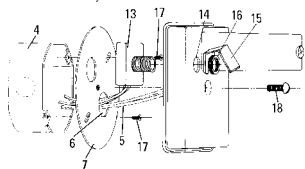
GLOBE

OWL luminaire globe is provided with a latching bayonet connection. Bend globe latch (12) over when using SBI Luminaire Optical, do not force into ballast housing.

To install (Figure E)

Align globe bayonet tabs (9) and slots (10) in housing with either of two detents (11) on rim just counterclockwise of globe latch (12). Push globe in and turn clockwise until globe latch snaps over detent.

To remove: Spring globe latch out to disengage and twist globe counterclockwise until bayonet tabs free.



(Figure F)

OPTIONAL PHOTOELECTRIC CONTROL

PEK-120 Installation (Figure F)

If photoelectric control (13) is to be installed, remove the knockout (14) on wall bracket mounting accessory. Remove knockout by tapping front side of knockout with handle of screwdriver and push cell (13) through hole. Attach nut (16) and optional light shield (15). Rotate light shield so that sunlight and stray light do not strike photoelectric control cell directly. Shadowing photocell causes light to turn on earlier and off later. Tighten nut securely. Leads (5) should be pulled through entrance hole (6) of wall plate and connected within box (4).

Wall plate (7) is attached to wiring box (4) with two #8 flathead screws (17).

Wall bracket mounting accessory is attached to wall plate of wiring box with one 1/4 - 20 screw (18).

Checking Out the System

When your luminaire is ready for operation, turn on the power. If you have a wall bracket with photoelectric control, cover control window with black tape. A High Pressure Sodium lamp should light within two minutes and take four minutes to warm up to full brightness. Remove tape over photoelectric control; fixture should turn off.

TROUBLESHOOTING

If fixture does not operate after installation re-read instructions and perform following checks:

- Step 1** Do you have 120 volt incoming power to fixture? A quick way to check this is to screw a standard incandescent light bulb into socket. If bulb lights up there is power to fixture.
- Step 2** Is lamp damaged? Replace with new lamp. Is lamp seated in socket properly?
- Step 3** Is the fixture screwed into existing incandescent socket, ceiling, or wall bracket?

If after performing Steps 1-3, fixture still does not work properly, replace modular ballast housing.

Step 4 For wall bracket models with optional photoelectric control:

- (a) During daylight operation, does lamp come on when photoelectric control window is covered? If not, retest with a known good lamp. If it still does not light, replace control device.
- (b) During daylight operation, does lamp go out when the control window is uncovered? If not, replace the control device.
- (c) After being in service, does the lamp burn continuously all day? If so, replace control device.

Step 5 For fixtures using high pressure sodium (HPS) lamps, end of life failure mode is cycling. Lamp will come on for a while and then shut off. Initial on/off period may be as long as an hour, but will shorten over time to as little as one minute cycles. Replacement of lamp will correct cycling condition.

Step 6 For replacement parts, contact your local authorized General Electric Company Lighting Systems distributor.



GE Lighting Systems, Inc.

Hendersonville, NC 28793-4506

READ THOROUGHLY BEFORE INSTALLING



- Turn power off before servicing
- see instructions

The luminaire may be installed in one of three ways:

1. Into an existing medium socket
2. Into the ceiling mounting accessory
3. Into the wall bracket mounting accessory

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.

EXISTING MEDIUM SOCKET

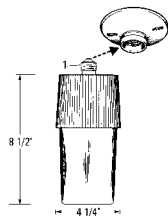


- Follow installation instructions

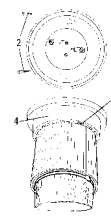
Installation (Figure A)

Insert threaded base (1) of housing into existing medium socket and, holding by housing, twist clockwise. Tighten only to a light firmness, like ordinary household lamp.

Caution: Do not force tight. Excessive tightening could damage socket and housing parts.

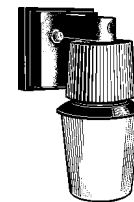


(Figure A)



(Figure B)

GEH-3864J
INSTRUCTIONS
OWL® Luminaire
(Overhead/Walllighter Luminaire
35 through 70 watt High Pressure Sodium)



CEILING MOUNTING ACCESSORY

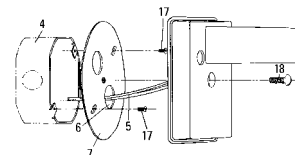
Installation (Figure B)

Connect 120 volt power to terminals on back of ceiling mounting accessory black lead to brass terminal, white lead to silver terminal. Install ceiling mounting accessory to standard ceiling outlet box with its two screws (2).

To install housing: Insert threaded base of housing into socket of ceiling mounting accessory and holding by housing, twist clockwise. Tighten only to a light firmness, like ordinary household lamp. Ceiling mounting accessory is provided with mounting security latch (3). The security latch will click several times as it starts engaging detents on top of housing.

Caution: Do not force tight. Excessive tightening could damage socket and housing parts.

To remove housing: Use screwdriver blade to release security latch (3), and while still holding security latch, unscrew housing, as you would an ordinary household lamp.



(Figure C)

WALL BRACKET MOUNTING ACCESSORY

Installation (Figure C)

Accessory is intended to be installed on a standard 4-inch octagon wiring box (4) mounted flush with wall. Pull leads (5) from wall bracket mounting accessory through entrance hole (6) of wall plate (7) and make all wiring connections within wiring box black (line) lead and white (neutral) lead. (For mountings with photoelectric control, connect both white leads to incoming power.) Attach wall plate to wiring box with two #8 flathead screws (17) provided.

To install housing: Insert threaded base of housing into socket of wall bracket mounting accessory and, holding by

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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.