



WS Wallighter Luminaire Fluorescent Wallighter Luminaire

GE Lighting Systems, Inc.

Hendersonville, NC 28793-4506

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

MOST DWELLINGS BUILT BEFORE 1985 HAVE SUPPLY WIRE RATED 60C. CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING.

GENERAL

This luminaire is designed for outdoor lighting service, and should not be used in areas of limited ventilation, or in high ambient temperature enclosures. Best results will be obtained if 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.

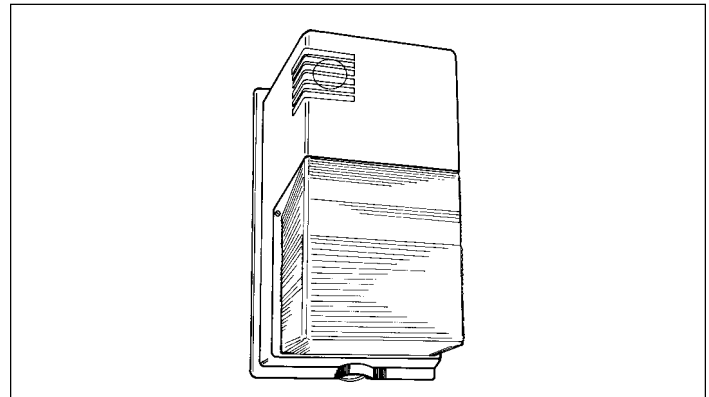
INSTALLATION

CAUTION

Unit will fall if not installed properly

- Follow installation instructions

1. Loosen screws securing lens fixture cover and remove. (Fig. 1)
2. Remove lamp.
3. Loosen reflector screws and remove reflector. (Fig. 2, WS or Fig.2A, Fluorescent)
4. Knock out appropriate blanks on back plate for mounting on wall over electrical box. For surface entrance, knock out blank over conduit entrance on bottom of fixture. (Fig. 3)



5. Remove paper backing from gasket and adhere over opening on back of housing.
6. Caulk between fixture back and mounting surface to prevent water from entering fixture from behind. A high grade caulking, such as silicone rubber, should be used.
7. Properly attach fixture to conduit or junction box. Secure fixture to mounting surface with appropriate hardware.
NOTE: Fixture to be mounted in vertical position with lens on bottom only.
8. Attach wiring according to instructions below.
9. Re-install reflector, lamp and lens cover.

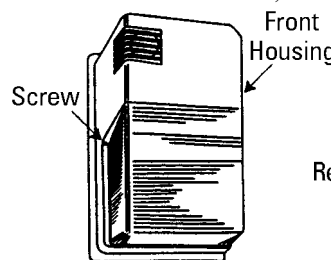


Figure 1

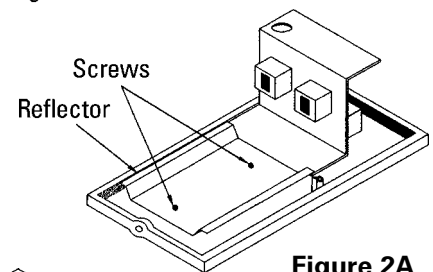


Figure 2A

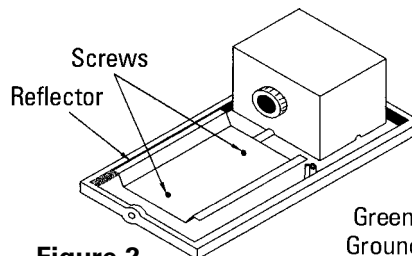


Figure 2

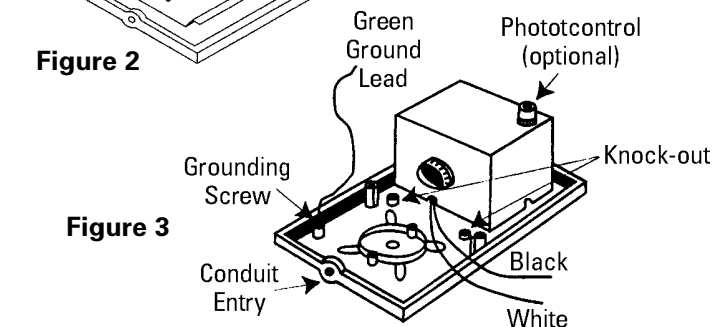


Figure 3

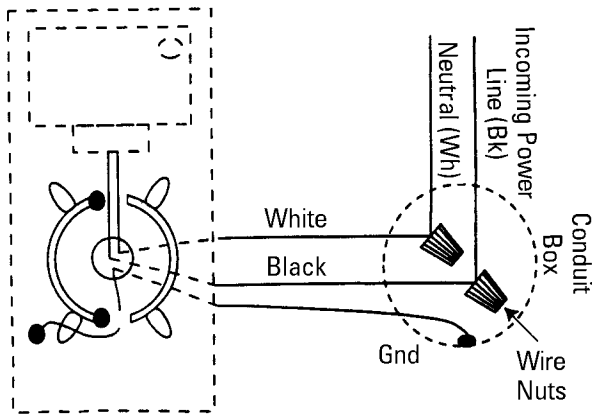


Figure 4

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

This fixture is supplied with 120 volt leads, please make sure the voltage furnished to the fixture is the same as specified on the unit.

Connect ground lead to conduit box. Connect Black lead to line side of incoming power, and White lead to neutral side of incoming power with yellow wire nuts supplied with fixture. (Fig. 4)

LAMPS

The WS7S is designed for high pressure sodium medium base lamps up to 70 watts, depending on the ballast installed.

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.

CHECKING OUT THE SYSTEM

When the luminaire is ready for operation, turn on the power. If there is a photoelectric control, cover the control window with some black tape or other masking. The lamp arc should strike and the lamp should reach full brightness within a few minutes (3-4 minutes for high pressure sodium). Remove the photoelectric control masking, and this should turn the fixture off, if installed during daylight hours.

TROUBLESHOOTING

If the fixture does not operate after installation, re-read the instructions and perform the following checks.

1. Is there 120 volt incoming power to the fixture as specified on the nameplate?
2. Is the lamp damaged? Replace with new lamp. Is lamp seated in socket properly?
3. For models with optional photoelectric control:
 - a. During daylight operation, does the lamp come on when the photoelectric control window is covered? If not, retest with a known good lamp. If it still does not light, replace the control device.
 - b. During daylight operation, does the lamp go out within two minutes after the control window is uncovered? If not replace the control device.
 - c. After having operated correctly in service does the lamp burn continually all day? If so, replace the control device.
4. With high pressure sodium (HPS) lamps, the end of life failure mode is one of cycling. The lamp will come on for a short time and then shut off. The initial on/off period may be as long as an hour or more, but will shorten over time to as little as one minute. Replacement of the lamp will correct the cycling condition.
5. For replacement parts, contact a local authorized General Electric Company lighting systems distributor.

MAINTENANCE

It will occasionally be necessary to clean the optical parts in order to maintain the light level. Frequency of cleaning will depend on the dirt level in the area and the minimum light level which is acceptable. The reflector and refractor should be cleaned with any suitable non-abrasive glass cleaning solution, soap, or detergent, and rinsed with clean water. Use of abrasive cleaners will shorten the life of any reflector surface.

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