

SHV Series

Model 218, 318, 418

Fluorescent Vanity Fixture

Safety Precautions

Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in potentially fatal electric shock and/or property damage.

It is recommended that a qualified electrician perform all wiring. This fixture must be wired in accordance with all national and local electrical codes.

Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.

This fixture is designed for use in a 110-120VAC, 60Hz fused circuit. Do not use on a dimming circuit.

To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) or bare metal contact (metal conduit) between this fixture and the ground connection of your main power supply panel.

This fixture is intended to be used for general indoor lighting in dry or damp locations only.

Assembly Instructions

1. Preparing for installation

- A. **Disconnect electrical power** before installing or servicing any part of this fixture.
- B. Remove fixture from carton.

2. Wiring.

All wiring must take place inside junction box.

Caution: Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of ballast use wire suitable for at least 90C (194F). **Note:** Most dwellings built before 1985 have supply wire rated to 60C. Consult a qualified electrician before installing.

- A. This unit will not operate properly unless connected to a “grounded” electrical circuit. Electrical shock, over heating, low or no light output, and shortened lamp life can result if proper grounding is not done. Securely attach green (or green and yellow) wire to back of fixture with provided hardware.
- B. Using wire connectors (provided), connect white supply wire to white ballast lead. Connect black hot supply wire to black ballast lead. **Do not mix wires.** Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors.

3. Fixture mounting.

- A. To locate, remove acrylic shades (1) from backplate (2) by loosening thumbscrews (4), hold backplate up to the wall with power supply knockout located over entryway for power supply wires. Mark the locations of the mounting keyhole slots (6) on the wall. Take the back plate down and punch a small hole into the wall at each location using a nail or an awl to see if there is a wood joist. If there is a joist use a suitable the wood screw provided to mount the channel. Where there is no joist to screw into use a toggle bolt (not included) of suitable length to mount back plate securely to the wall. **Proceed to step B before final mounting.**
- B. Feed the black and white supply wires, and the green ground wire into the fixture through the open knockout hole. At this time you can finish mounting the back plate to the wall.
- C. Install 18-watt self-ballasted compact fluorescent spiral lamp (5) (provided) into socket by inserting pins into holder and twist until it snaps in place. **CAUTION - RISK OF FIRE, Max. 18-watt type GU-24, we recommend TCP 33118SP or Maxlite MLS18GUWW replacement only.**
- D. Reinstall acrylic diffusers (1) at diffuser brackets (3) and tighten thumbscrews (4).

4. Restore power

Limited Factory Warranty

American Fluorescent Corporation hereby warranty that this fixture is free from defects in materials and workmanship when installed and used under normal operating conditions for a period of 2 years from date of purchase. This warranty covers all component parts and extends only to replacement of defective fixture or components; it does not cover failure due to improper installation, misuse, mishandling or damage incurred in transit.

