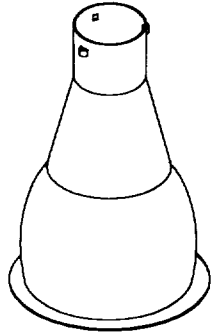


# INSTALLATION INSTRUCTIONS

## "AFV/AFVW"

### Reflector

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.



#### 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.

**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.

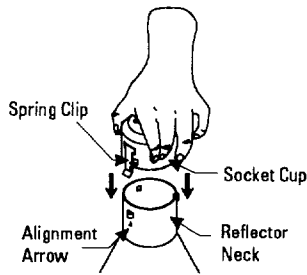


Figure 1



Figure 2

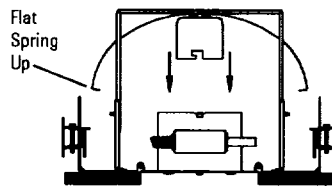


Figure 3

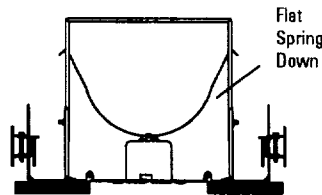


Figure 4

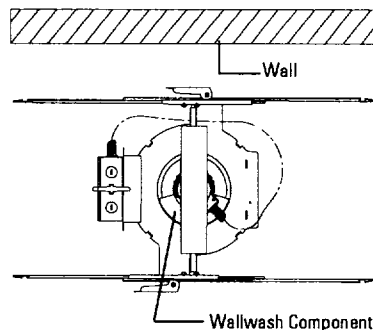


Figure 5

#### New Installation for AFV Reflector

1. Attach socket cup to top of reflector by aligning spring clip on socket cup with alignment arrow on reflector as shown in Figure 1.
2. Slide socket cup onto neck until top of reflector embosses meet the top of the slot in the socket cup.
3. Twist socket cup clockwise until spring clip locks into place as shown in Figure 2.
4. Push reflector through the ceiling opening until reflector flange is flush with the ceiling.
5. Install appropriate lamp. Refer to label located inside socket cup for proper lamp type and wattage.
6. To remove the reflector: remove lamp, pull reflector downward with a slight twisting motion until it becomes free of the retaining clips, pull spring clip on socket cup outward away from socket cup, twist socket cup counter-clockwise and remove socket cup from reflector.

#### New Installation for AFVW Reflector

1. The AFVW mounting frame utilizes an adjustable, flat spring, yoke assembly to retain the reflector into the ceiling as shown in Figure 3. The yoke assembly must be properly installed onto the mounting frame. Refer to the INSTALLATION INSTRUCTIONS included with the mounting frame for proper yoke assembly installation.
2. The yoke assembly is preset at the factory for a ceiling thickness up to 1-5/8". For other ceiling thicknesses, adjust the yoke assembly by loosening the screws on the yoke. Move the yoke downward equal to the difference of the ceiling thickness minus 1-5/8" (ex. 3" ceiling thickness minus 1-5/8" = 1-3/8"). Refer to scale on the yoke assembly for ease of adjustment.
3. The socket cup is factory installed to the flat spring. Pull the socket cup down into the ceiling opening until the flat spring is fully extended as shown in Figures 3 and 4.
4. Attach socket cup to top of reflector by aligning spring clip on socket cup with alignment arrow on reflector as shown in Figure 1.

# AFV/AFVW, Reflector Installation Instructions

5. Slide socket cup onto neck until top of reflector embosses meet the top of the slot in the socket cup.
6. Twist socket cup clockwise until spring clip locks into place as shown in Figure 2.
7. Push reflector cup up through ceiling opening until the flat spring pulls it up to the ceiling. Make sure that the wallwash component included with the reflector is properly oriented with respect to the wall to be illuminated. Refer to Figure 5.
8. If reflector does not rest tightly against the ceiling, remove the reflector, adjust the yoke assembly downward and re-attach reflector.
9. Install appropriate lamp. Refer to label located inside socket cup for proper lamp type and wattage.
10. To remove the reflector: remove lamp, pull reflector downward until the flat spring is fully extended, pull spring clip on socket cup outward away from socket cup, twist socket cup counter-clockwise and remove socket cup from reflector.

## 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	<ul style="list-style-type: none"> <li>·Circuit feeding the fixture not energized</li> <li>·Wiring error in circuit or module connection</li> <li>·Faulty lamp</li> <li>·Line or ballast output</li> <li>·Faulty ballast</li> <li>·Ambient temperature too low</li> </ul>	<ul style="list-style-type: none"> <li>·Check circuit breaker or fuse to ensure that circuit is energized.</li> <li>·Examine fixture splice box to ensure that connections are correct.</li> <li>·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.</li> <li>·Check line voltage at fixture. Check open circuit voltage.</li> <li>·Check circuit continuity.</li> <li>·Check ballast rating against existing environmental conditions.</li> </ul>
LAMP GOES OUT AFTER LIGHTING	<ul style="list-style-type: none"> <li>·Faulty lamp</li> </ul>	<ul style="list-style-type: none"> <li>·Occasionally a lamp will exhibit this symptom rather than simply failing to light. Substitute a new lamp.</li> </ul>
LAMP CYCLES ON AND OFF	<ul style="list-style-type: none"> <li>·Insulation is too close to fixture</li> <li>·Lamp wattage too high</li> <li>·Ballast output voltage low</li> </ul>	<ul style="list-style-type: none"> <li>·Remove insulation from around module (at least 3")</li> <li>·Install lamp wattage specified in housing.</li> <li>·Check line voltage at the fixture. Check open circuit voltage.</li> </ul>