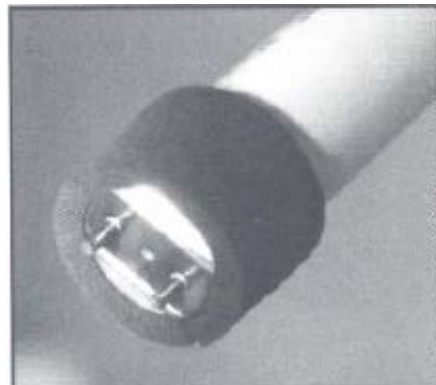




# ELS

# Electronic Lighting System

## T-8 Lamp Replacement



November, 2012

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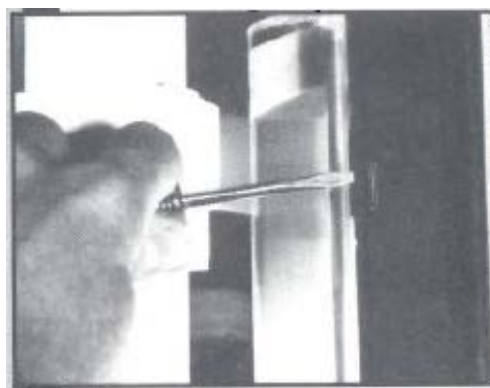
## ELS T-8 Lamp Replacement

### I. T-8 Lamp Replacement Instructions – Center Mullion Fixtures

1. **Turn light power off** before start of lamp replacement.
2. **Remove top and bottom spring steel clips.** Insert small flat-head screwdriver under clip to release clip from side of fixture (as shown in the following figure). On one side at a time, pull clip out of pre-punched holes in side of mullion.



3. **Remove ELS lens.** Starting at top, pull lens away from front of light fixture that is attached to the frame mullion. If necessary, a small flat-head screwdriver can be inserted between the lens and black mullion plastic, to ease the lens out of the groove. **There is no need to remove the lens from the bridge** (the black or clear plastic piece connecting the two lenses at the back of the fixture).



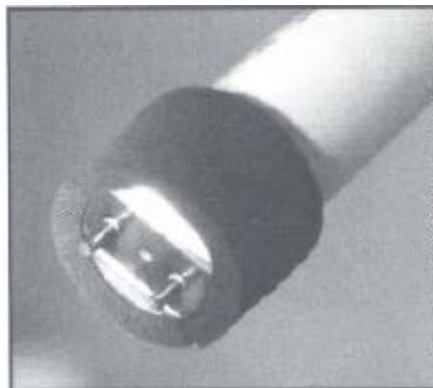
If pulled away from *one side* carefully, the lens will swing back into the case to give access to the bulb. Otherwise, the left and right lenses *and* the bridge will pull away from the fixture – in *one complete section*.



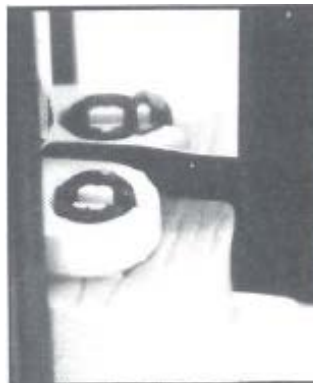
4. With the lens removed, hold lamp with fingers and twist bulb to line up with socket access holes.



**Remove old bulb.** *Remove insulator tubes from both ends of old bulb and replace on ends of new bulb.*

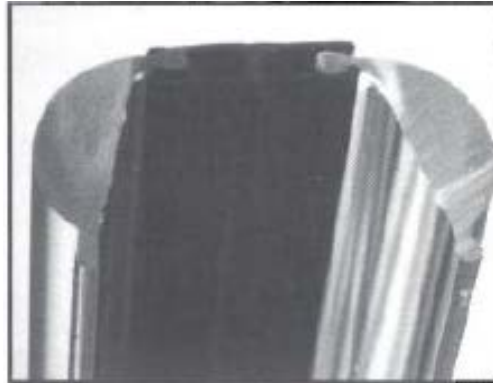


To **install new bulb**, place into socket and **turn two clicks**. There are foam end caps on the top and bottom of lamp sockets. **End caps must be attached before lens is replaced.**



## ELS T-8 Lamp Replacement

5. Be sure that both ELS lenses are snapped securely into the plastic bridge before re-installing on the light fixture.



6. Install clip on plastic bridge, if required, before re-installing on light fixture.
7. Starting at the top on one side of the light fixture, line up the edge of the lens with the groove in the fixture plastic. **Snap lens into groove.** Repeat with lens on the other side, if removed.



8. Holding lens snugly against top of light fixture, install spring steel clip over lenses. Snap clip into pre-punched holes on each side of mullion. Move to bottom of fixture and install bottom clip.

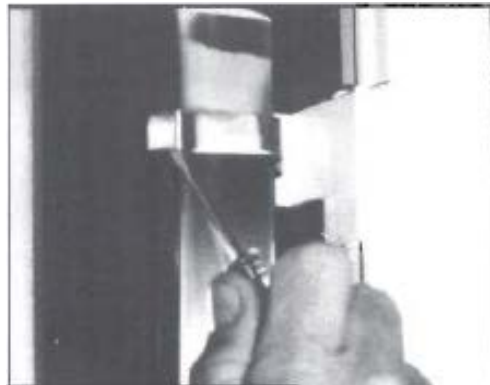


**IMPORTANT:** **Bulb insulators** must be on each end of bulb before lenses are re-installed. **Foam end caps** should be securely attached to top and bottom of lamp sockets. *(Foam end caps are cut to fit snugly, but if they have become dislodged, or pulled out during changes, they **must be replaced!**)*

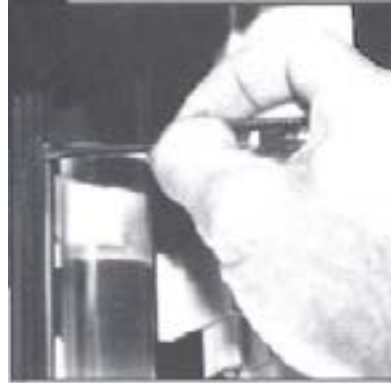
9. Turn light power on.

### II. T-8 Lamp Replacement Instructions – Frame End Fixtures

1. Turn light power off before start of lamp replacement.
2. **Remove top and bottom spring steel clips.** Insert small flat-head screwdriver under flat portion of spring steel clip to remove from side of fixture (as shown in the following figure). **Swing clips to the side until re-installation.**



3. **Remove ELS lens.** Starting at top, pull lens away from inside front edge of fixture. If necessary, a small flat-head screwdriver can be inserted between the lens and black fixture plastic, to ease the lens out of the groove. If rear edge of lens is left in fixture plastic, lens will swing back on flexible “hinge” to expose bulb.



4. Reaching into fixture, hold bulb with fingers and twist to line up with socket access holes. **Remove old bulb.** *Remove insulator tubes from both ends of old bulb and replace on ends of new bulb.*

To **install new bulb**, place into socket and **turn two clicks**. There are foam end caps on the top and bottom of lamp sockets. **End caps must be attached before lens is replaced.**

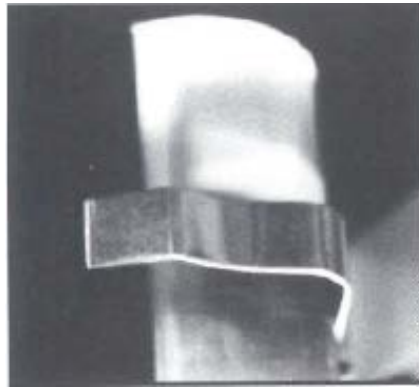
5. Re-install ELS lens. If lens has been *completely* removed from fixture, pull grooved plastic rear section of fixture forward, and snap *rear edge* of ELS Lens back into the groove. (This part of the light fixture has a “hinge” or flexible portion, that swings away for easy bulb access. Install clip on hinging side, if required, before re-installing the other end of the lens.

## ELS T-8 Lamp Replacement

Starting at the top, snap the other side of the lens into the front groove of the lamp fixture.



6. End clips conform to the shape of the end fixture, and can be snapped into place only one way. The curved sides of the spring steel clip should be touching the lens. **Snap the top and bottom clips into place.**



**IMPORTANT: Bulb insulators** must be on each end of bulb before lens is re-installed. **Foam end caps** should be securely attached to top and bottom of lamp sockets. *(Foam end caps are cut to fit snugly, but if they have become dislodged, or pulled out during changes, they **must be replaced!**)*

7. Turn light power on.

