



AXIS TECHNOLOGIES, INC. BALLAST

A solid ground is required for proper function.

1. **Do-not wire ballast live!** Disconnect the electrical power at the circuit breaker.
2. Open fixture and remove ballast cover.
3. Disconnect line, neutral, and ground to old ballast.
4. Cut wires connected to the lamp sockets. Leave enough wire lead for the new ballast.
5. Remove the old ballast.
6. On the Axis ballast, locate the dipswitch and set for desired fixed level dimming. (See reverse side for dipswitch settings).
7. Securely mount new Axis ballast. Insert the photocell through a knockout in the fixture into the ceiling plenum or for a surface mount fixture through a drilled opening (see detail B)"
8. Mount dipswitch to base of fixture outside of ballast cover, using a self-tapping screw.
9. Connect the wires per appropriate wiring diagram. **Assure proper ground.**



10. Rapid Start ballast requires non-jumpered or non-shunted sockets to function properly.

11. Photocell installation procedures:

For recessed fixtures: (See detail "A" on reverse side).

- a) Punch a 7/16" hole in the ceiling tile 6"-12" from fixture on the window side.
- b) From above, attach spring retaining clip and washer to photocell housing.
- c) Insert photocell through the ceiling tile.
- d) Screw flange-nut onto photocell below the ceiling tile. The flange-nut should be positioned just above the point where photocell-housing threads become visible.
- e) Secure spring clamp against the top of ceiling tile, this holds photocell firmly in place.

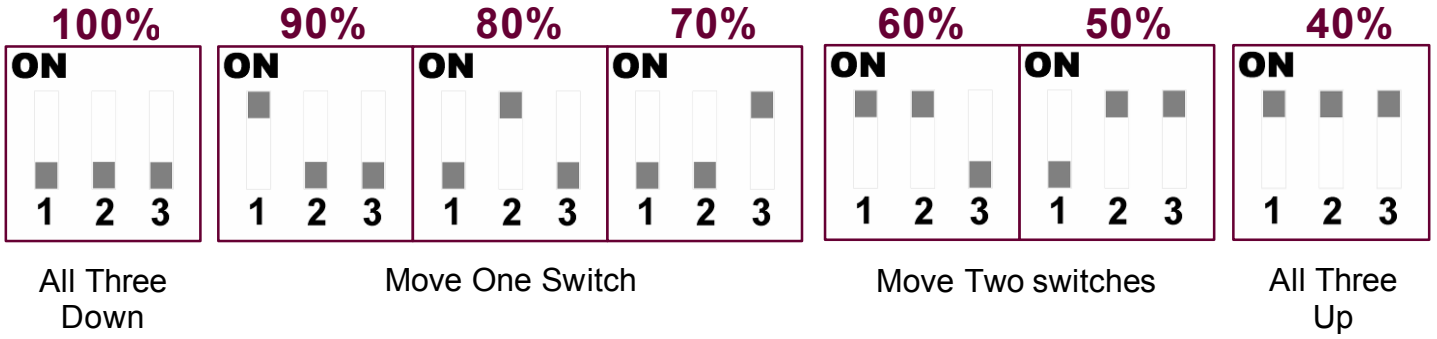
For surface fixtures: (See detail "B" on reverse side).

- a) Drill 7/16" hole in bottom if next to window otherwise end of fixture.
- b) Attach spring clip and washer to photocell housing.
- c) Insert photocell through drilled opening.
- d) Screw flange-nut onto photocell. The flange-nut should be positioned at the point where photocell-housing threads become visible.
- e) Secure spring clamp against the fixture housing, this holds photocell firmly in place

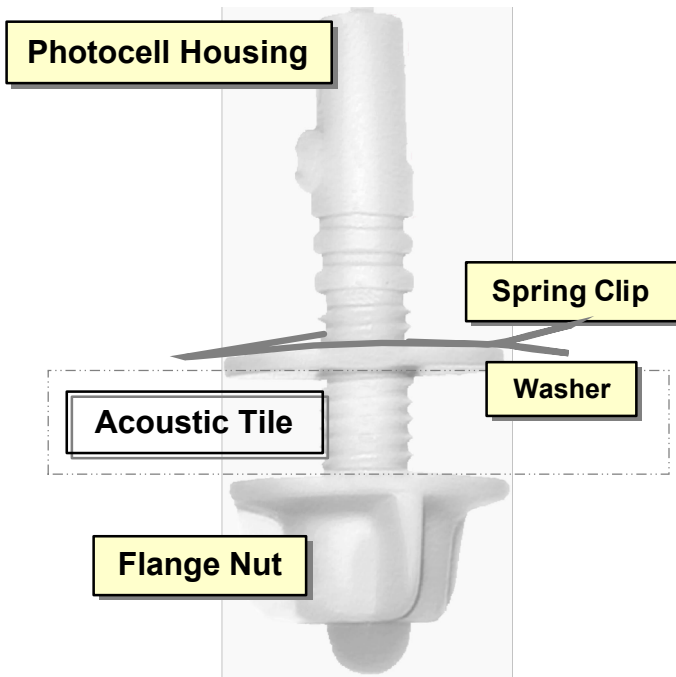
12. Reconnect the power of the circuit breaker



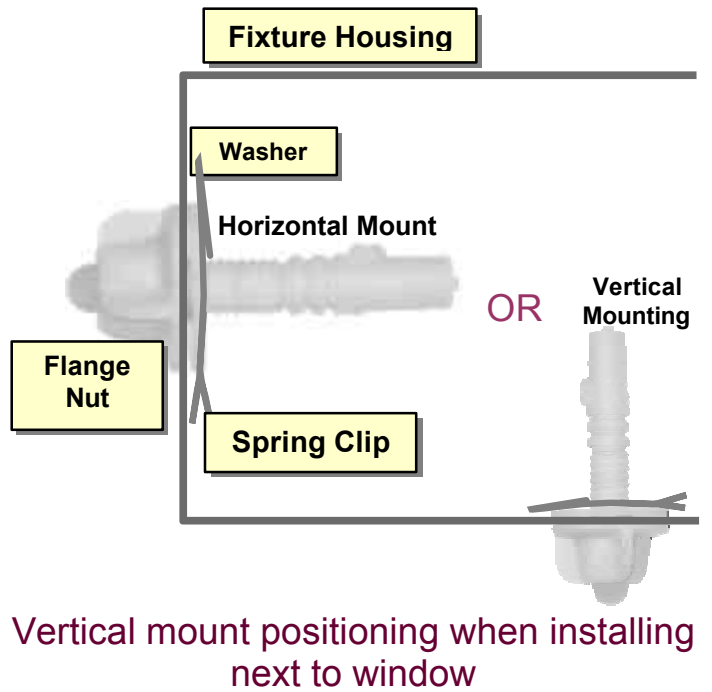
Dip Switch Settings - Approximate percent of full light output



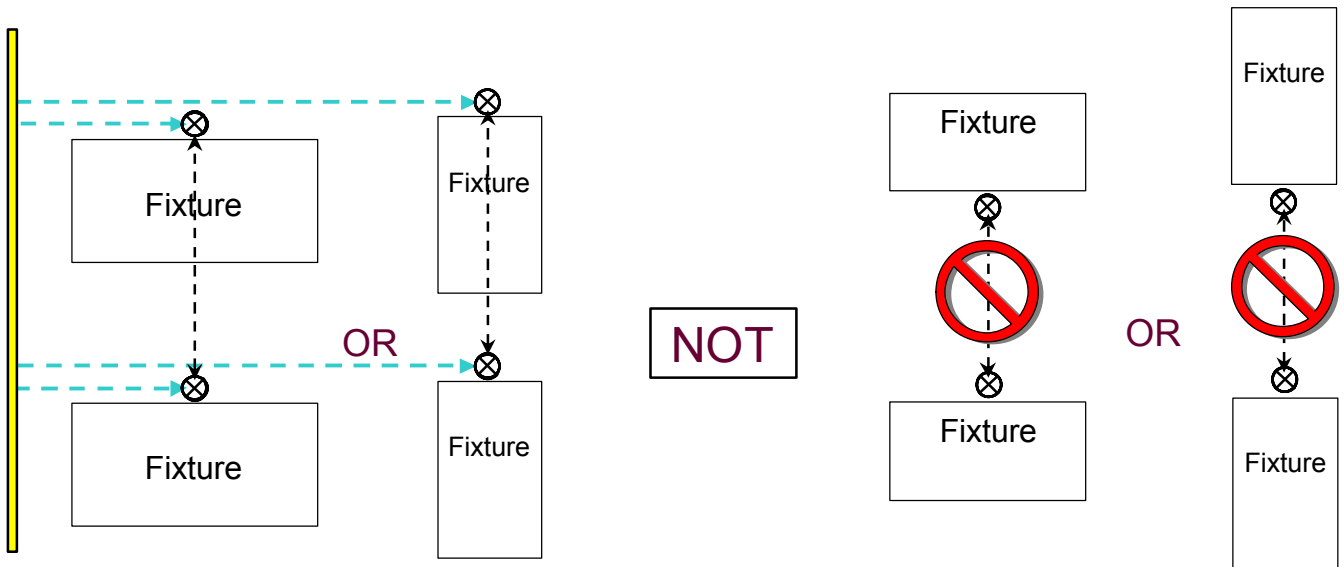
Detail A for Recessed Fixture Mount



Detail B for Surface Mount Fixture

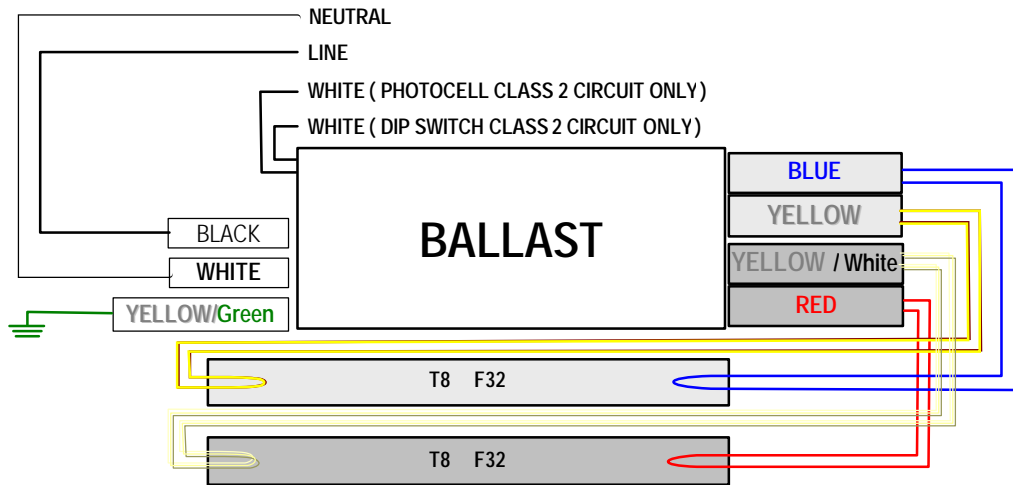


Correct Positioning of Photo Sensor from Window, Fixture, and other Sensors

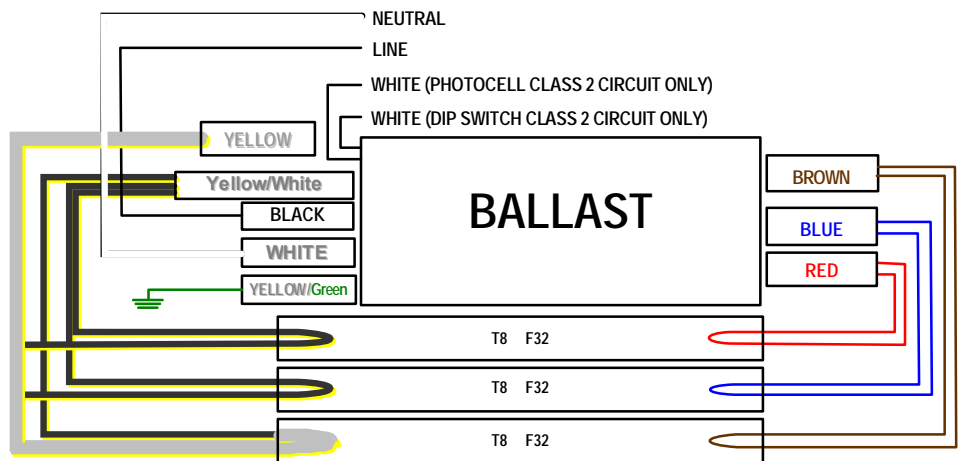


Wiring Diagrams for Axis Ballast

2-Lamp Wiring Diagram



3-Lamp Wiring Diagram



4-Lamp Wiring Diagram

