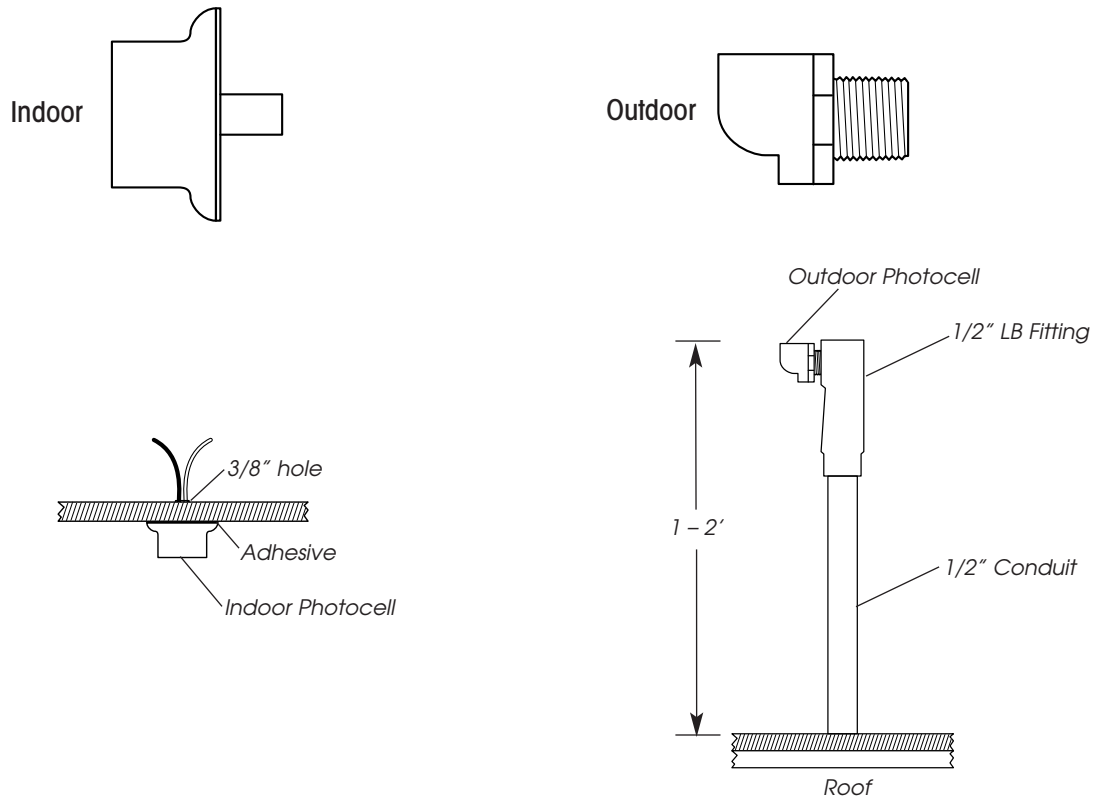


Photocell Head Installation



Indoor Photocell Head Mounting

Every installation is different and the photocell sensor head placement should be determined by the light sources and the materials within the room (carpeting, desks, etc.). Lighter colored materials tend to reflect light and darker colors tend to absorb light. The photocell head must be placed in an area that can monitor the natural light levels without being affected by artificial light levels present in the room. Photocell head placement and settings may need to be adjusted once the room is furnished and occupied.

Mount the photocell head in an area that receives reflected natural light with minimal amount of artificial light. Ensure that the photocell head is mounted away from up-lights and light shelves that would give the head direct exposure to artificial light. A typical location would be 5 to 15 feet from a window and at least 5 feet from interior walls. Contact ILC's Applications Department for help in determining a location. Drill a 3/8" hole in the determined location, connect the photocell head wires, remove the paper backing on the head to expose its adhesive and mount to the surface using firm pressure.

Outdoor Photocell Head Mounting

The outdoor photocell head must be installed properly to prevent faulty switching. It must not be installed where direct artificial light will enter its eye (pole lights, etc.). The photocell head must be installed in an open area on the top of the building away from artificial light sources and shaded areas. Mount the photocell head horizontally with the eye facing due north and the hood on top in an outdoor LB-type conduit fitting with a standoff distance of typically 1-2' from the roof surface. This distance may need to be greater depending on the reflectivity of the roof. Contact ILC's Applications Department for help determining proper installation.