

## meeting room

**Description:** Medium-size room (approximately 1,000 sq. ft.) used for meetings and presentations. Typically, includes one table and a whiteboard or projection screen.

**Lighting control needs:** Automatic on/off control so that lights are not being used when the room is unoccupied. Sensor should be able to pick up minor motion, as there is not much movement by occupants when the space is in use.

### Lutron solutions:

#### Example 1: occupancy sensor only

- LOS-CDT-2000-WH dual-technology ceiling mount occupancy sensor
- Lutron PP-120H power pack

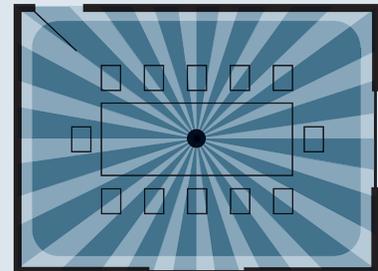
The dual technology capability of this occupancy sensor provides excellent sensing of both major (walking) and minor (writing) motion activity in the space without false trips. Ceiling mounting will give a birds eye view of the entire room. The sensor should be mounted in the center of the room so that the 360-degree field of view will detect minor motion from anywhere in the space. For adequate minor motion detection, one sensor covering 2000 sq. ft. was used for a 1000 sq. ft. room.

#### Example 2: occupancy sensor with lighting control system

- LOS-CDT-2000-WH dual-technology ceiling mount occupancy sensor
- Lutron RadioTouch™ wireless remote lighting control system

Since the Lutron occupancy sensor is being used with a Lutron lighting control system, no Lutron power pack is required. The lighting control system will supply the power to the sensor and provide the benefit of dimming and preset lighting. Users can override the occupancy sensor by dimming the lights for presentations. Furthermore, the lights can be set to preset levels for continual energy savings even while the lights are on. For instance, the lights can come on to a 75% light level when the space is occupied and dim to 10% light level or completely off when unoccupied.

For more information on Lutron RadioTouch, visit [www.lutron.com/radiotouch](http://www.lutron.com/radiotouch)



Shown: LOS-CDT-2000-WH (examples 1 and 2)

**Results:** Lights will automatically turn on when someone enters the room and lights will automatically turn off when the occupants leave. However, the lights will not dim during a presentation.

**Results:** Lights will automatically turn on to a preset level when someone enters the room and lights will automatically turn off when the occupants leave. Users can dim the lights for presentations.