

TECHNICAL DATA

INSTALLED SENSOR OPTION

DSL-LUTRON ECOSYSTEM® SENSOR

Requires Integration into Larger Lutron EcoSystem® Package

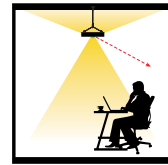
Requires Lutron EcoSystem® EC5 Series Digital Ballasts

40%-70% Potential Energy Savings when Installed as Part of a Complete EcoSystem® Installation



Shown installed in Curv Radial Lens at left.

For specific in-product placement in other Alera Lighting products, see individual product specification and/or technical data sheets. For special placement requests, contact Alera Lighting.

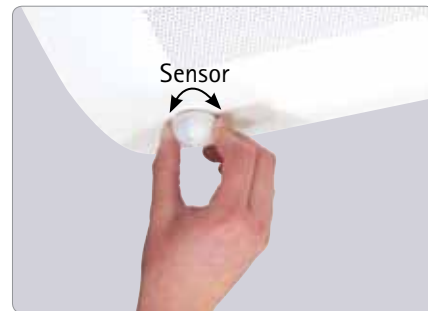


OPEN LOOP OPERATION

SENSOR MANUFACTURER DATA

Lutron Commissioning

The installed Lutron sensor integrates into the larger EcoSystem® application via proprietary Lutron components. For commissioning details, please contact Lutron, or if applicable, your Alera Lighting representative.



Optical Characteristics

Directional light sensing requires lens be aimed at window(s). (see adjacent page)

Controls Characteristics

- Sensor is equipped with IR receiver
- EcoSystem® Programmer can be used to commission
 - See Lutron.com for additional data

Alera Lighting Note To adjust sensor direction, twist sensor as indicated by arrow seen at left.

Lutron Additional Componentry

Please note that the Lutron system can include wall switches and occupancy sensors which may need to be wired into the EcoSystem® ballast. While these additional ancillary components are not available installed on the fixture itself, the in-fixture wiring requirements can typically be accommodated.

Alera Lighting will, therefore, ask for project details to determine if additional wiring is required within the Alera product.

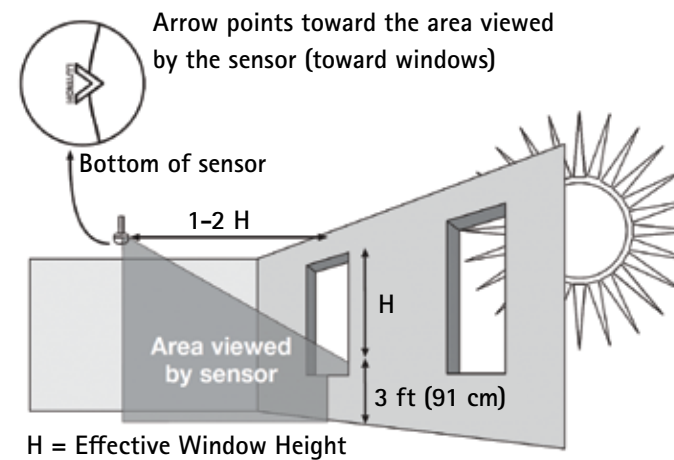
SENSOR MANUFACTURER DATA CONTINUED

Determining the Daylight Sensor Mounting Location

Determine the proper location of the Daylight Sensor using the adjacent diagrams.

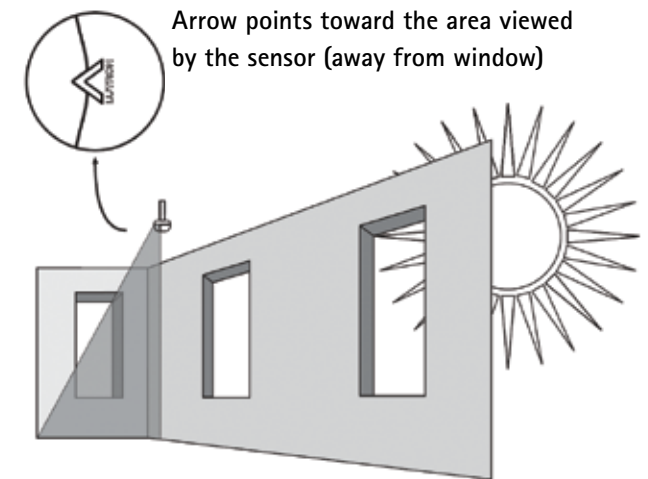
- The arrow on the daylight sensor points toward the area viewed by the sensor.
- Place the daylight sensor so its viewing area is centered on the nearest window at a distance from the window of between one to two times the effective window height, H.
- The effective window height, H, starts at the window sill or 3 feet (91 cm) up from the floor, whichever is higher, and ends at the top of the window.
- Ensure that the view of the daylight sensor is not obstructed.
- Do not position the daylight sensor in the well of a skylight or above indirect lighting fixtures.
- For narrow areas where the daylight sensor cannot be placed 1-2 H from windows, place sensor near window facing into the space.

TYPICAL INSTALLATION



H = Effective Window Height

NARROW AREA INSTALLATION



Testing the Daylight Sensor

- Ensure power to the lighting circuit in ON.
- Ensure the lighting control system is commissioned properly.

WARNING: Electrical shock hazard. Can cause serious injury or death. The lighting circuit should be energized only when all wiring is complete and all persons are clear of fixtures/devices. Turn power ON only after checking that it is safe to do so.

- Shine a flashlight directly onto the daylight sensor.
- Keep the light ON for at least 30-40 seconds. This should cause the lights connected or programmed to the sensor to dim. If the lights do not dim, they may already be at a dimmed level due to daylight. If so, you may test the sensor by covering it for 30-40 seconds. This should cause the lights to get brighter.

