

microPS™ Daylight Sensor



Description

- Provides daylight harvesting capability.
- May be used with the Digital microWATT® Lighting Zone Controller, GRX/OMX-DACPI, or RadioTouch Controller.
- Allows controllers to automatically dim lights when available daylight is high and brighten lights when daylight is low in order to maintain a specific light level in the space.
- May be calibrated for daylight sensitivity.
- Mounts easily on any ceiling tile with one 2" diameter hole.

Specifications

Power

Low-voltage Class 2
Operating Voltage: 24 V Direct Current.

Key Design Features

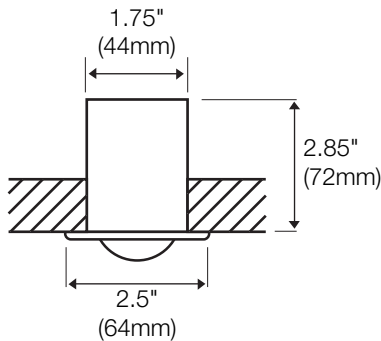
Meets IEC 801-2. Tested to withstand 15kV electrostatic discharge without damage or memory loss.

Environment

- Temperature: 32-104°F (0-40°C).
- Relative humidity: less than 90% non-condensing.

Delivery

Ships in 3-4 weeks.



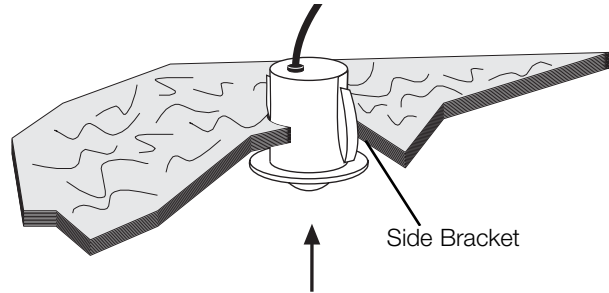
2" (50mm) diameter hole
required for installation

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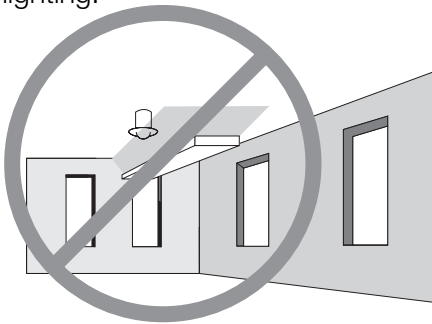
Mounting

- Determine the proper mounting location for the Daylight Sensor using the adjacent diagrams.
- The notch on the Daylight Sensor defines the viewing direction.
- Place Daylight Sensor so its viewing area does not extend out of the window.
- Do not position Daylight Sensor in the well of a skylight or above indirect lighting fixtures.
- Ensure that the view of the Daylight Sensor is not obstructed.

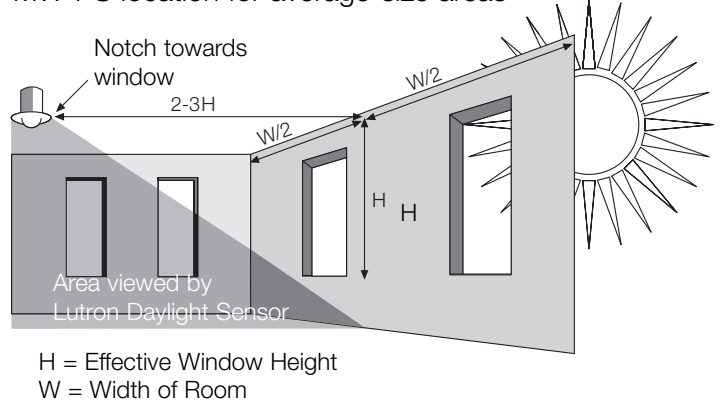
Cut an approximate 2 in. (5.0 cm) diameter hole in the ceiling tile and install the Daylight Sensor by compressing the bracket sides and fully inserting the sensor into the hole. The bracket sides will hold the Daylight Sensor in place.



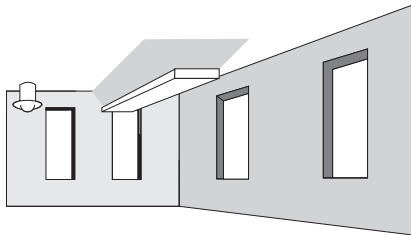
Do not place Daylight Sensor above indirect lighting.



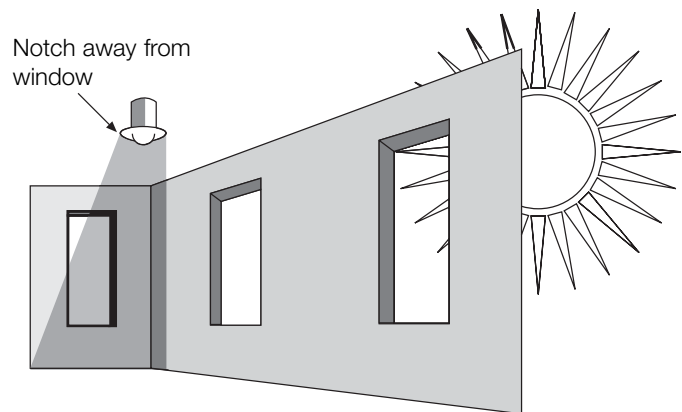
MW-PS location for average-size areas



Move the Daylight Sensor to a location away from the lighting or lower it below the lighting fixture.



MW-PS location for narrow-size areas (e.g. corridors, private offices)



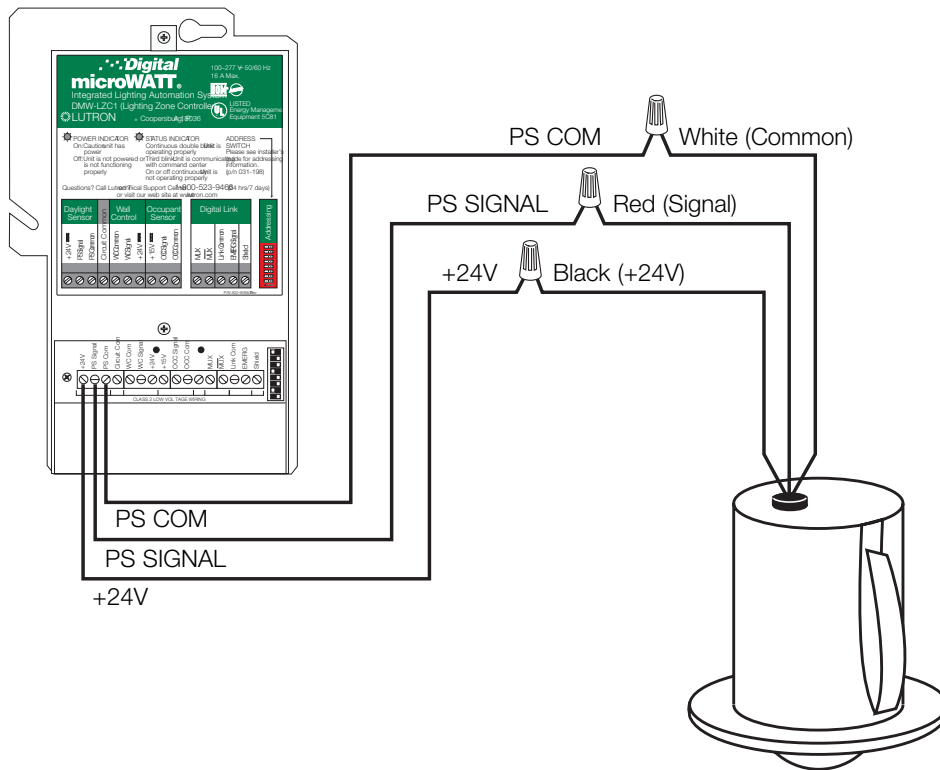
Wiring to Digital microWATT® Lighting Zone Controller

- Ensure that the supply breaker to the Digital microWATT Lighting Zone Controller is OFF.
- Connect the three conductors to the three MW-PS wires as shown.
- Connect the three conductors to the corresponding terminals on the Digital microWATT Lighting Zone Controller.



Caution – Observe all local and national electrical codes and safety standards.

Note: Each Digital microWATT Lighting Zone Controller must have its own Daylight Sensor. Multiple Daylight Sensors may not be used with a Digital microWATT Lighting Controller nor can multiple Digital microWATT Lighting Controllers share a Daylight Sensor.

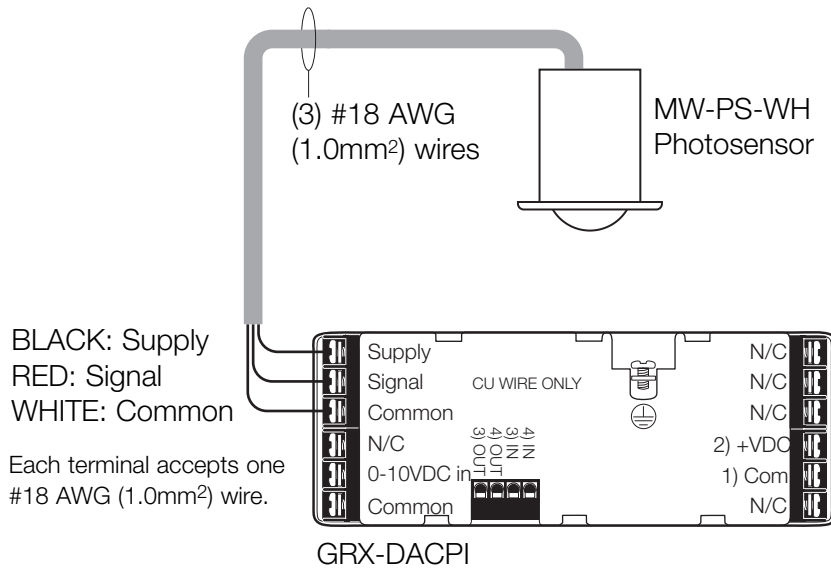


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Wiring to GRX-DACPI



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