

Lumenergi® OS-D-101™ Direct Connect Occupancy Sensor

Model

Lumenergi OS-D-101

Occupancy Sensor Usage

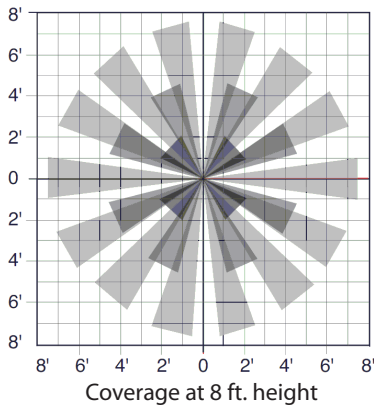
- Provide human presence/absence data to a lighting control system

Key Features

- Plug-and-play compatibility with the Lumenergi LMCS
- Easy, error-resistant installation
- Low profile, unobtrusive
- Supports energy saving and cost reduction efforts by sending data about human presence to the lighting control system
- 5 year warranty

Parameters

Parameter	Value
Coverage at 8' height	14' diameter
Time delay	0.5-30 min.
Detection method	Passive IR
Power source	Light Driver
Operating voltage	12 volts DC



The Lumenergi OS-D-101 Direct Connect Occupancy Sensor provides a presence/absence signal to the Lumenergi **Lighting Management and Control System (LMCS™)**, allowing the LMCS to dim or deactivate lights when no one is present. This saves energy, cuts costs, and helps the environment.

Installation is quick and error-resistant. Designed to be mounted inside lighting fixtures and have the smallest visible impact outside, the sensor head requires a 3/4" hole for the threaded throat, with a 1.12" retaining collar. The throat is .38" long and connects to a 1.12"x1.38"x.5" box.

The sensor provides a six foot lead terminating in an RJ-45 plug for direct connection to an INT-B-101 Class 2 Interconnect Box. Data is sent over the DALI network, connecting via the iB-100 Intelligent Dimming Light Driver with the INT-B-1 Class 2 Interconnect Box. Using DALI avoids the need for additional home-run wiring and increases the number of sensors that can be connected to the lighting management system.



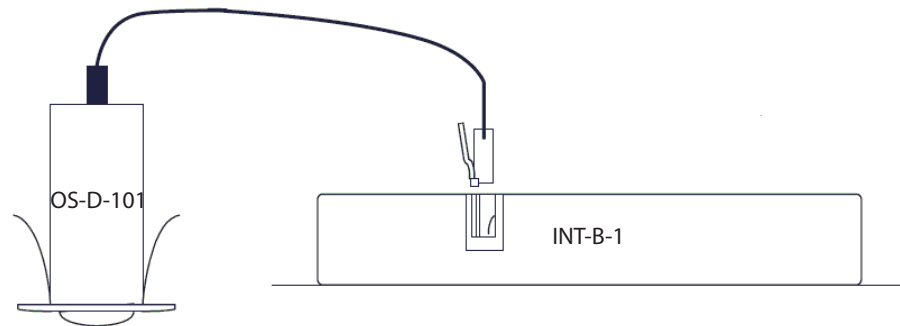
Sensor Information

Based on proven, reliable Passive Infrared (PIR) sensing technology, the OS-D-101 Direct Connect Occupancy Sensor provides local adjustments for sensitivity and time delay. Fresnel lenses provide

accurate detection patterns.

An external power pack is not needed because the sensor draws power from the iB-100 Intelligent Dimming Light Driver.

Connected to the LMCS, the OS-D-101 sensor enables energy conservation through dimming with minimal impact on lamp life. For use with other lighting management systems, please contact Lumenergi.



Connecting to the INT-B-1 Class 2 Interconnect Box

Warranty and Additional Product Information

Lumenergi's products are covered by a five year materials and workmanship warranty. Please contact Lumenergi for details. Distributors interested in learning about Lumenergi products, please contact partners@lumenergi.com.

Represented by _____



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Job Name: _____
Job Number: _____

Lumenergi Part Numbers _____