Fixture Mount High Bay Microwave Sensor

Bring Warehouses, Parking Garages and Manufacturing Facilities Up to Code

The Fixture Mount High Bay Microwave Sensor mounts directly to a 0-10V fixture for energy savings, multi-level control, and adjustable time-outs.

The Leviton High Bay Microwave 0-10V Fixture Mount Sensor (OSMHB-VDW) is a 5.8 GHz high-frequency motion sensor designed to mount directly to a 0-10V fixture and provide energy savings with occupancy detection and multi-level control with adjustable time-outs. A built-in photocell reads brightness values so the sensor will not switch the luminaire ON if sufficient ambient light is present. Microphonic occupancy sensors can be installed behind fixture lenses, inside a lighting fixture, or behind objects made of plastic or glass. The high frequency waves offer less interference and false tripping than traditional sensing technology for reliable occupancy applications

Control parameters are manually selected using DIP Switches on the device or with an optional IR remote. The sensor offers tri-level dimming control and is suited for high bay fixtures with a maximum mounting height of up to 50ft and an adjustable coverage radius of up to 30ft.

CHALLENGE

A warehouse facility wants simple occupancy sensing control for high bay LED fixtures and meet energy codes.

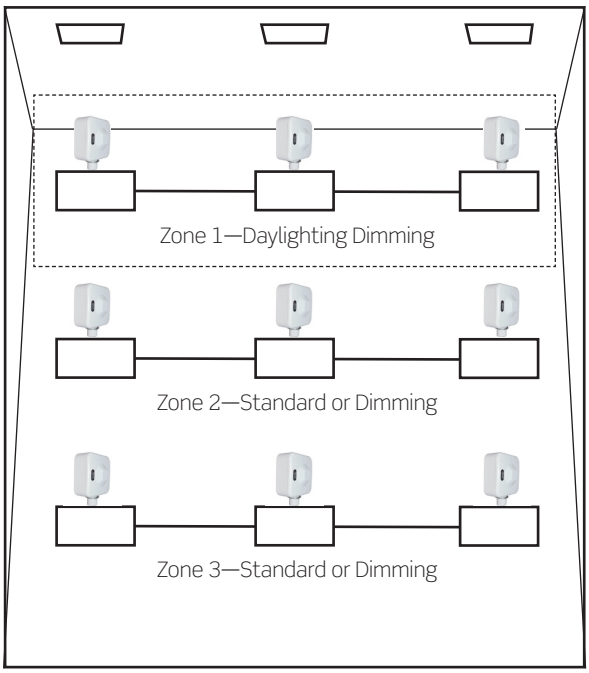
- Must meet energy codes for occupancy/vacancy sensing and dimming
- Facility contains fixtures that are located at 50-ft mounting heights, along with several low-ceilinged areas
- Facility contains LED fixtures
- Facility includes several skylights and windowed areas, meaning that it must comply with energy code daylighting requirements

SOLUTION

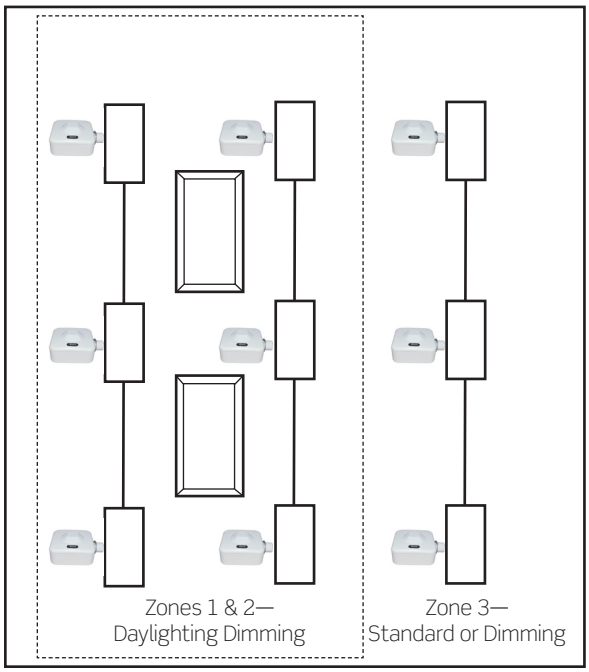
- ***The OSMHB-VDW Fixture Mount High Bay Microwave Sensor delivers simple and flexible energy standards compliance.***
- Can be used to comply with IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 occupancy/vacancy sensing and dimming requirements
- Built-in photocell reads brightness values so the sensor will not switch the luminaire ON if there is sufficient ambient light present
- Specifically designed for LED fixture control
- Control parameters (adjustable sensitivity, hold time, lux level or daylighting hold-off) are adjusted using DIP switches or an optional IR remote

LEVITON®

FIXTURE MOUNT HIGH BAY MICROWAVE SENSOR DIMMING SOLUTION—WAREHOUSE WITH HALF-WINDOWS



FIXTURE MOUNT HIGH BAY MICROWAVE SENSOR DIMMING SOLUTION—WAREHOUSE WITH SKYLIGHTS



WHAT YOU WILL NEED

Fixture Mount High Bay Microwave Sensor Solution		QTY.
	High Bay Fixture Mount Microwave Occupancy Sensor | OSMHB-VDW For use in low voltage applications where occupancy/vacancy sensing and 0-10V dimming control is required; control via DIP switches on the device or the optional IR remote	**9**
	IR Remote (optional) | ZLS0R-RC1 Handheld IR remote for configuration of occupancy sensors; the remote uses IR communication to send and receive sensor settings at mounting heights up to 50 feet.	**1**

Leviton Manufacturing Co., Inc. Lighting & Controls
20497 SW Teton Avenue, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

Leviton Manufacturing Co., Inc. Global Headquarters
201 North Service Road, Melville, NY 11747-3138 **tel** 800-323-8920 **tech line** (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

Visit our Website at: www.leviton.com/sensors
©2021 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

LES-G-10599/G21-aa