



## OSFHD-CTW

### Brand Features

Whether factory or field installed, new installation or retrofit, Leviton fixture mounted sensors provide fast, easy installation and immediate energy savings by automatically activating lighting only during periods of occupancy. Reliable passive infrared (PIR) technology detects occupancy, and the variable time delay—up to 30 minutes—is user accessible without power, tools or disassembly, and allows the ideal setting based on application needs. Included with the sensor are lenses for high-bay and low-bay, allowing one unit to cover a variety of applications. The innovative Autocal feature performs an automatic daylight level calibration. Once calibrated, the sensor requires no further adjustment and immediately enters daylighting mode, actively switching the connected fixture load ON and OFF in response to occupancy and available natural light maximizing energy savings through efficient light harvesting.

The OSFHD features dual relays with independent time delay circuits, in addition to active daylight sensor

### Item Description

PIR Fixture Mount High Bay Sensor with Light Sensor (photocell), Dual Relays, Cold Storage, Selectable Time Delays: 1st relay 30s-30m, 2nd relay 30s-infinity, does not meet CEC Title 24 requirements. Interchangeable Adjustable 360° Lenses, Blue Low Bay (mounted <20') and White High Bay (mounted >20'), Black Aisle Mask, Bright Green LED, Instant Start, Quick Snap K/O; 120/208/220/230/240/277/347V; 50/60Hz, UL Listed, White, ASHRAE 90.1 Compliant

**Color:** White

**UPC Code:** 07847752816

**Country Of Origin:** China

### Features and Benefits

- Rotating light sensor:** optimal for best performance in locating light measurements (up, down and side lighting)
- Auto calibration:** set to auto-calibration, light sensor measures lowest light level of facility with all lights ON for 24 hours to determine the Daylighting Set Point
- Manual calibration:** optimize energy savings and operation by manually configuring the Daylighting Set Point
- Performance daylighting:** enhanced design algorithms to assure lights will not cycle during cloud cover, or varying light levels. (No more daylight = load will turn OFF in +/- 5 minutes, Daylight returns = load will turn ON +/- 1 minute).
- Fast and simple setting:** the OSFHD do not require power to set the time delay saving valuable time during installation - Load 1 = 30s-30m - Load 2 = 30s-infinity (starts after load 1 expires)
- Fast and simple testing:** OSFHD will “instant ON” within 5 seconds. Upon initial power, relay is closed enabling labor savings testing in seconds.
- Power interruption state:** for energy savings and safety, if power is lost to device, device will return to last known state
- Fast, simple installation:** sensors easily installs on individual fixtures using standard 1/2” knockouts and the quicksnap feature which eliminates the time to tighten the locknut. The 42” wire leads reduce time and materials for connecting the ballast. Simply make the electrical connections inside the ballast compartment, install the appropriate adjustable lens assembly included, and the sensor is ready. Ideal for use in warehouses, manufacturing, cold storage and other high ceilings.
- Zero crossing circuitry:** relay uses a zero crossing circuitry to provide reliable, long-life operation
- Range and coverage:** the 360° high-bay PIR lens provides a 2:1 spacing to mounting height coverage under 25 ft. mounting and a 1.5:1 for heights up to 40 ft. mounting. The 360° low-bay lens provides 2:1 spacing to mounting height coverage for 8 ft. to 20 ft. mounting.
- LED:** super bright green LED indicates occupancy detection and can be seen at 40 feet
- False detection protection:** Energy saving technology is designed into the OSFHD to assure your lights are on only when needed

## SPECIFICATION SUBMITTAL

JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

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