

# ODC04-IDW



Color : ☐ White

UPC Code : 078477539965

Country Of Origin : China

Occupancy Sensor with Integrated Photocell, Line Voltage, PIR, Ceiling Mount, 450SF, 120-277V, High-Density Lens installed, Mid-Range included, Provolt™

Occupancy Sensor with Photocell, Provolt™ lighting control, Line Voltage, 8'-12' Ceiling Mount, Passive Infrared, 450 sq ft, Daylighting, Auto-Calibration, 120-277V AC/CA 50/60HZ. UL/CE, RoHS & CEC Title 20/24 compliant. Color: White.

The Leviton Provolt™ Series combine line voltage occupancy sensors and photocells into a self-contained unit. The integrated design alleviates the need for separate power pack and occupancy sensor wiring making it a low-cost, efficient energy solution for new construction and retrofits.

Do you have a question about  
an occupancy sensor or  
vacancy sensor?

Contact us to learn more.

## Technical Information

### Electrical Specifications

**Current Consumption** : 60-30mA

**Frequency** : 50/60Hz

**Load Rating** : 120V, 50/60Hz:  
8A, Electronic Ballast, 800W  
/VA, Tungsten, Ballast, 1/4 HP  
Motor - 230V, 50/60Hz: 6A  
/6AX, Electronic Ballast,  
Magnetic Ballast, 1200W/VA, 1  
/3 HP Motor - 277V, 50/60Hz:  
5A, Electronic Ballast, 1200VA,  
1/3 HP Motor

**Neutral Wire Connection** :  
Required

**Voltage** : 120/230/277 VAC

### Environmental Specifications

**Relative Humidity** : 0% to 90%  
non-condensing

**Storage Temperature Range** :  
-15° to 160°F (-26° to 71°C)

### Mechanical Specifications

**Mounting Type** : Ceiling Mount

**Size** : Width 4.81" (122.21mm),  
Depth 2.39" (60.71mm)

### Performance Specifications

**Coverage (Sq.Ft.)** : 450

**Pattern** : 180°

### Product Features

### Standards and Certifications

**Application :** Code  
Compliance, Auto ON/Auto  
OFF, Manual ON/Auto OFF

**Color :** White

**Feature :** PIR Line Voltage  
Dual Relay

**Grade :** Commercial

**Mounting :** Ceiling Mount

**Product Line :** Provolt

**Sensor Technology :** Passive  
Infrared (PIR)

**Sensor Type :** Occupancy,  
Photocell

**Title 24 Compliant :** Yes

**Listings :** Can be used to  
comply with ASHRAE 90.1 and  
Title 24, Part 6 occupancy  
/vacancy sensing and daylight  
harvesting requirements, UL  
773A (Occupancy Standard),  
UL 924 (Emergency  
Equipment), cUL Listed, CE  
compliant, NOM Certified,  
RoHS compliant, NY LLC48  
compliant

Type

Warranty

**Product Type :** Occupancy  
Sensor and Photocell

**Warranty :** 5-Year Limited

## Features and Benefits

- Uses industry-exclusive digital (4 element) PIR circuitry for fewer false triggers from unwanted sources such as HVAC systems. A Fresnel lens establishes dozens of detection zones requiring the heat source to move from one zone to another to trigger the sensor.
- Auto-Adapting: Time delay and sensitivity are continually adjusted to occupancy pattern of use
- Configurable for Manual ON/Auto OFF or Auto ON/Auto OFF
- Delayed OFF Timer: The sensor will turn lights OFF if no motion is detected after a specified time
- Exclusive Walk-through Feature: Provides increased energy savings by not leaving the lights ON for an extended period after only momentary occupancy
- False Detection Timer: (M/T) The PIR scans for movement and shuts lights off after 31 minutes preventing false triggers from HVAC systems
- Output short circuit protection
- Industry-exclusive self-configuring local manual switch input: Momentary or maintained switches are supported
- Presentation Mode feature for slide or film presentations allows push buttons to turn lights OFF and keep them OFF while the room is occupied
- Adjustable Time Delay: 30s, 5min, 10min, 20min, 30min
- Test Mode for simplified commissioning
- Manual Switch and Emergency Override are Class 1 and Class 2 circuits. Class 2 circuits provided for flexibility
- Industry-exclusive “fail-safe” circuitry: In the event of product failure, Return-to-Closed feature causes the relay to default ON which eliminates life safety concerns
- Industry-exclusive H.I.S. (High Inrush Stability) technology designed to handle today’s high inrush electronic ballast loads and offer unmatched durability and service
- Robust and reliable mechanically held 10A latching relay provides dependability and robust performance for all load types and provides energy savings over electronically held relays

- Lenses are easily replaceable and color-coded blue (high-density) and red (mid-range) for contractors and end-users to easily identify lenses from the ground
- Red Visual LED indicator - Blinks when infrared is detecting motion and during photocell manual calibration; solid during device malfunction
- Yellow Visual LED indicator - Blinks during test mode; solid with emergency/BMS input
- Blue Visual LED indicator - Blinking light indicates photocell override

## SPECIFICATION SUBMITTAL

JOB NAME: <input style="width: 90%;" type="text"/>	CATALOG NUMBERS: <input style="width: 45%;" type="text"/> <input style="width: 45%;" type="text"/>
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