

CM-D2-PU-120347D-PC-LB-BT

FCC
ETL
DLC
Bluetooth®
Declaration ID: D062134



Dual Technology • Line Voltage Occupancy With Bluetooth

The low profile CM-D2-PU-120347D-PC-LB-BT dual technology occupancy sensor combines the benefits of passive infrared (PIR) and ultrasonic technologies. The sensor mounts on the ceiling with a flat, unobtrusive appearance and provides 360 degrees of coverage.

It utilizes a Bluetooth® Low Energy (BLE) mesh network. Dimming levels and schedules can be set through SenseWave app.

Ceiling Mounted. Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box.



Bluetooth®

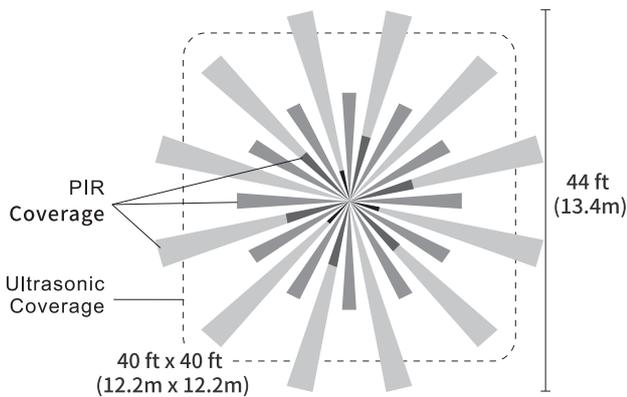


TECHNICAL DATA

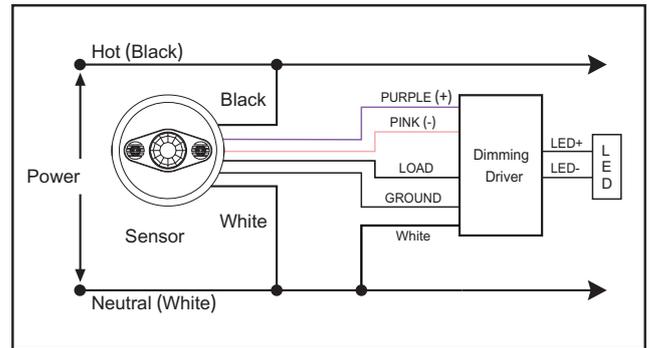
- 120-347VAC , 50/60Hz
- Electronic Ballast/LED - 800W@120V
1200W@230V
1200W@277V
1500W@347V
- Standard Ballast/LED - 800W@120V
1200W@230V
1200W@277V
1500W@347V
- Tungsten/Incandescent - 800W@120V
1200W@230V
1200W@277V
- Ultrasonic frequency of 40kHz
- Time delays: 5,10,15,20,25, or 30minutes, test-mode
- Built-in light level sensor – works from 10 to 300 footcandles (107.6 to 3,229.2 lux)
- Operating Temperature: 32°F to +131°F (0°C to +55°C)
- Multi-level, 360° Fresnel lens for superior occupancy detection
- Mounting options: 4 square junction box with double gang mudring; 4 inch octagonal junction box
- Dimensions: 4.50" diameter x 1.44" deep (114.5mm x 36.4mm)
- UL and cUL listed
- Wireless Standards: 5.0 Bluetooth Mesh
- Five year warranty



SENSOR COVERAGE

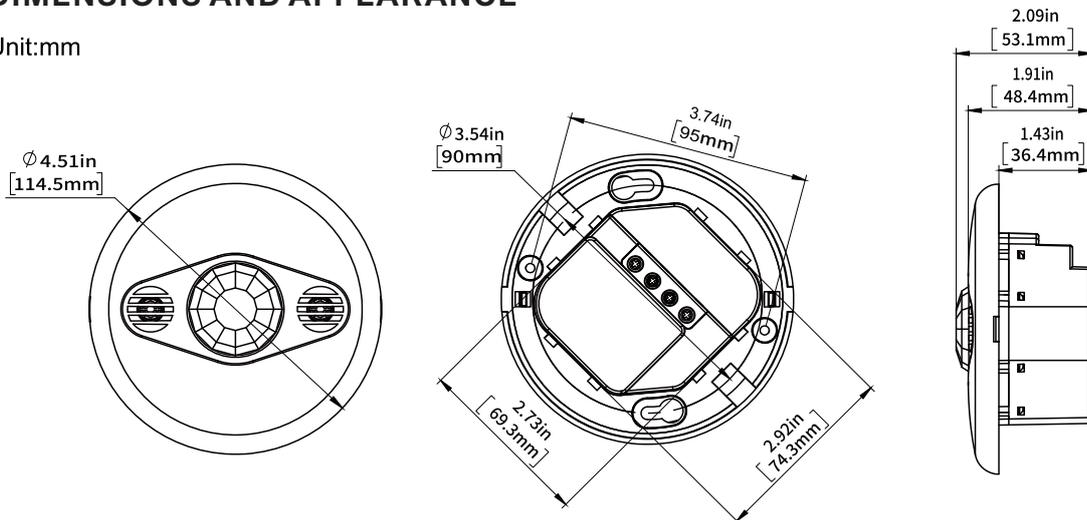


WIRING DIAGRAM



DIMENSIONS AND APPEARANCE

Unit:mm



OCCUPANCY LOGIC

The CM-D2-PU-120347D-PC-LB-BT has 4 logic configurations for occupancy triggers, set with DIP switches 1,2 & 3. Determine the appropriate Occupancy Logic Option using the Trigger matrix, then set the DIP switches accordingly.

Initial Occupancy: The method that activates a change from “Standby” (area unoccupied and loads are off) to “Occupied” (area occupied and loads are on).

- **Both** requires motion detection by the PIR and the Ultrasonic.
- **Either** requires motion detection by only one technology.
- **PIR** requires motion detection by the PIR.
- **Ultra** requires motion detection by the Ultrasonic.

Maintain Occupancy: The method indicating that the area is still occupied and the lights should remain on.

The control technology (occupancy logic) is selectable. The default setting requires both technologies to trigger on, either to hold on, and is recommended for most applications.

		Settings		
		1	2	3
Occupancy Logic	Standard	↓	↓	↓
	Option 1	↑	↓	↓
	Option 2	↓	↑	↓
	Option 3	↓	↓	↑
	Standard	↑	↑	↓
	Standard	↑	↓	↑
	Standard	↓	↑	↑
	Standard	↑	↑	↑

