

THERMOSEAL SENSOR

WAVESENSE™ RDL OCCUPANCY SENSOR

Overview

The Wavesense™ RDL Sensor is the ultimate cost saving solution when conserving energy for led cooler door Lighting systems.

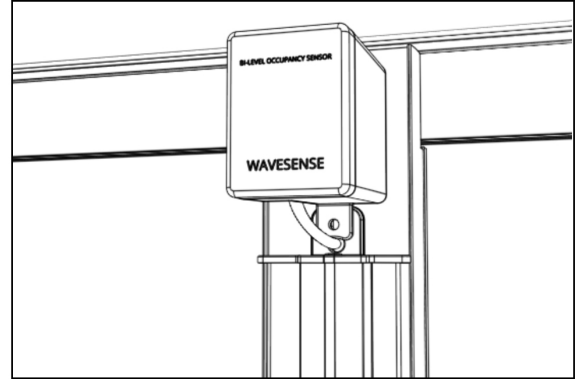
Using 24.11 GHz microwave Frequency, the Wavesense™ RDL sensor can be installed internally in most cooler door applications while the low energy microwaves penetrate glass and other various materials to detect motion in and around isle ways.

Compatible with most 24VDC led dimming drivers, the Wavesense™ reduces LED energy consumption up to 90% once no motion is detected.

Product Highlights

- Microwave sensor 24.11 GHz
- Time delay 1 adjustable 5 sec to 30 min
- Time delay 2 adjustable 10 sec to ∞
- Active High/Low outputs for Relay drive
- Bluetooth add-on enables remote sensor programming, granular customization of dimming levels, time delays, high-end trimming
- 0-10V Bi-level Dimming. Manual options: 0% (OFF), 10%, 25% or 50% dimming
- 33ft (10m) diameter coverage pattern, at 10ft (3m) mounting height

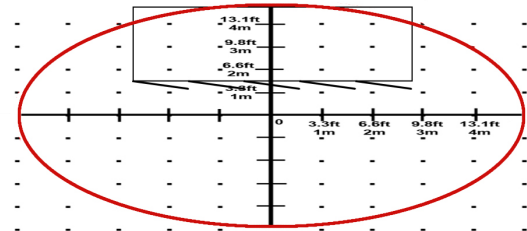
led dimming occupancy microwave sensor



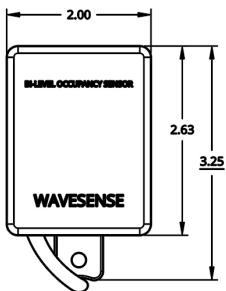
Features & Benefits

Sensor Type	Microwave occupancy sensor
Input Voltage Current Consumption	12-24VDC 60mA sensor (85mA w/ BLE)
0-10V Output	100mA, up to 50LED sink drivers
IP Rating	IP 65 Rated
High	Vin-2.5V 100mA source
Low	100mA sink current
Mounting Height	Fixture or ceiling mount 10ft (3m)
Max Range	16ft (5m) radius
Time Delays (TD1/TD2)	5 sec/10 sec, 5 min/30 min, 15 min/45 min, 30 min/60 min, 10 min/∞
Photocell Sensitivity	N/A
Max Bluetooth Range	49 ~ 65ft (15 ~ 20m)
Operating Temperature	-30° C to 70° C
Storage Temperature	-40° C to 80° C
Relative Humidity	90-95% non-condensing at 30° C
Color	Black
Warranty	5 years
Made in U.S.A.	

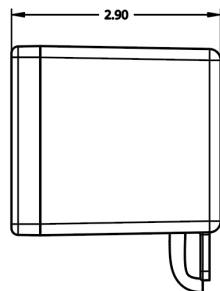
Detection Area for 7ft (Mounting Height)



Physical Dimensions

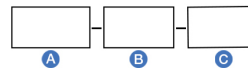


Front Dimensions
2.0" Wide
3.25" High



Side Dimensions
2.9" Wide
3.25" High

Ordering Information



Example: WS1-RDL-OCS

- A** WAVESENSE 1 **B** REFRIGERATED DOOR LIGHT **C** OCCUPANCY SENSOR
- WS1 RDL OCS

*Wavesense performance characteristics have been validated with the PureView RDL fixture.
**Wavesense performance with other light fixtures can be confirmed with additional testing.