

# OCCUPANCY SENSORS

## SMART SWITCH® CEILING



Turn interior lights off for energy savings, and on for convenience and safety. Choose from a wide range of high quality Commercial Grade sensors.

Super Ceiling Sensor has 3 detectors for Triple Overlapping Coverage to catch small movements = **"Can't Miss" Detection™**



LED testing and operation Indicator

Integral 16 amp power pack simplifies wiring

Controls 2000-2400 watts Incandescent or Fluorescent @ 120 volts

Maximum coverage - 360° degree or hallway models

Relay and sensor all in one unit reduces installation costs

Sensor detection pattern can be customized

Can be wired in parallel

Compatible with electronic ballasts

120 and 277 volt models

**Super Ceiling Sensor...**  
Great Coverage = Happy Customers + No Callbacks

Only One Super Ceiling Sensor needed

Easy to Install - just 3 wires

Relay & Sensor in One

Catches the slightest movement

Triple Overlapping Tritetection for Total Coverage

**Or Old Technology**  
Poor Coverage = Unhappy Customers + Callbacks

Complex multi-point wiring

Needs central control box

Multiple sensors required

Limited uneven coverage

Gaps & spotty coverage leave you waving your arms in the dark!

RAB Occupancy Sensors let you...

**"TURN THE  
★#◎\*&!!  
LIGHTS OFF!"**



"Can't Miss" Tritetection for triple overlapping coverage

### Product Information

**Coverage Area:**  
**Incandescent Watts Switched:**

**Fluorescent Watts Switched:**

**Ratings: Amps**

**Horsepower**

**Power Consumption:**

**Time Delay:**

**Manual Switch:**

**Adjustments:**

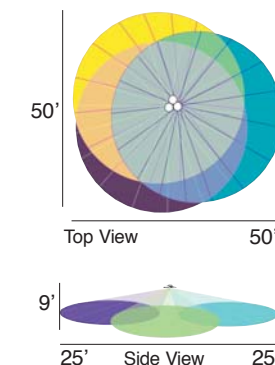
### Super Ceiling Sensor LOS2500

360° view Super Ceiling Sensor with Triple Overlapping Coverage for super sensitivity. Integral 16 amp power pack. No extra wires to run or extra boxes to install. Covers 2152 sf @ 9' height. LED detection indicator.

Finish: ○ White



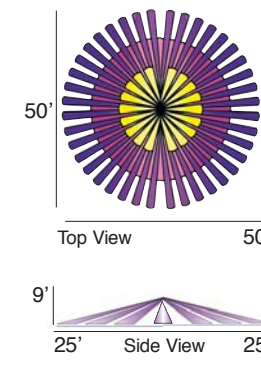
### Detection Patterns



### Smart Switch® LOS2400

360° view Ceiling Sensor with integral 20 amp power pack. No extra wires to run or extra boxes to install. Covers 2000 sf @ 9' height. LED detection indicators.

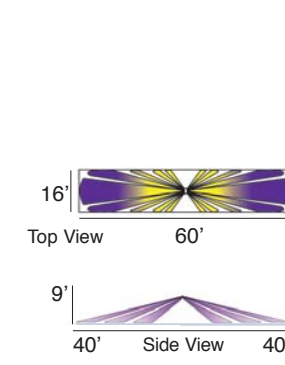
Finish: ○ White



### Smart Switch® LOS2400H Hallway

Hallway version of the LOS2400. Integral 20 amp power pack. Covers hallway pattern of 16' x 60'. LED Detection indicators.

Finish: ○ White



### Directional Ceiling Smart Switches

The LOS1000 is perfect for ceiling mounting in hallways. Smart Box & Tuff Dome are perfect sensors for ceiling mounting indoors or outdoors. Make sure detection patterns fit your job. Each sensor has a full 180° view.

Finish: ○ White



LOS1000  
See page 110



Tuff Dome  
See page 102



Smart Box  
See page 104

### Catalog Numbers

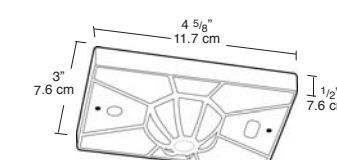
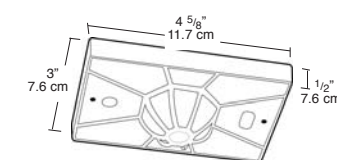
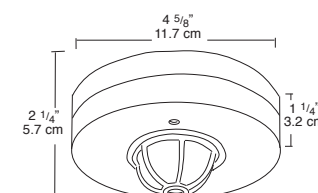
120 Volt	277 Volt
LOS2500/120	LOS2500/277
2152 sf @ 9'	2152 sf @ 9'
2000 watts	1500 watts
2000 watts	1500 watts
16 amps	5.4 amps
3.35 hp	6.7 hp
Negligible	Negligible
10 secs to 8 mins.	10 secs to 8 mins.
None	None
Photo	Photo
Time	Time
Sensitivity	Sensitivity

120 Volt	277 Volt
LOS2400/120	LOS2400/277
2000 sf @ 9'	2000 sf @ 9'
2400 watts	4800 watts
2400 watts	4800 watts
20 amps	20 amps
1 hp	1 1/2 hp
Negligible	Negligible
6 to 15 mins.	6 to 15 mins.
Override key	Override key
Time	Time
Sensitivity	Sensitivity

120 Volt	277 Volt
LOS2400H/120	LOS2400H/277
16' x 60' Hall pattern	16' x 60' Hall pattern
2400 watts	4800 watts
2400 watts	4800 watts
20 amps	20 amps
1 hp	1 1/2 hp
Negligible	Negligible
6 to 15 minutes	6 to 15 minutes
Override key	Override key
Time	Time
Sensitivity	Sensitivity

5' wide x 180°
500 watts @ 120 volts
250 watts @ 120 volts
1.5 amps
5 amps
Negligible
5 seconds to 15 minutes
None
Adjustable
Time, ambient light & sensitivity

### Dimensions



### Specifications

**UL Listing:**  
For indoor applications. Tuff Dome & Smart Box are UL Listed for wet locations.

**Easy Installation:**  
Relay and sensor all in one reduces installation cost. Compatible with electronic ballasts. LED testing and operation indicator.

**Maximum Reliability:**  
Adjustable detector sensitivity for superior detection.

**Maximum Versatility:**  
Adjustable time delay. Sensor detection pattern can be customized. No minimum load requirement. Can be wired in parallel.

### Info Online 24/7

[www.rabweb.com](http://www.rabweb.com)  
Wiring Diagrams  
Installation Instructions  
Product Specifications

**Patents:**  
RAB sensor designs are protected under U.S. and international intellectual property laws.