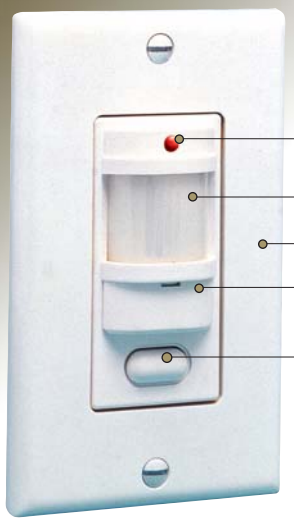
OCCUPANCY SENSORS
SMART SWITCH® WALL MOUNT

Control interior lights automatically for energy savings, convenience & safety. RAB Passive Infrared Commercial Grade Wall Sensors - reliable and durable.



Full 180º view

LED Detection indicator

Tough, vandal resistant lens

Fits decorator wall plates

Control panel cover only removable with wall plate to prevent tampering

Manual Off/Auto switch

Time delay control hidden under removeable cover

RAB Occupancy Sensors let you...

"TURN THE ★#@*&!! LIGHTS OFF!"

Winner of Plant Engineering Magazine's Product of the Year!

Control lights in offices for energy savings, convenience and safety.

Product Information

Catalog #:	
Coverage Area:	
Incandescent & Fluorescent Watts Switched:	
Ratings:	
Power Consumption:	
Time Delay:	
Manual Switch:	
Ambient Light Sensing:	
Adjustments:	
Wiring:	

Specifications c UL us

UL Listing:
Indoor applications

Easy Installation:
Fits decorator wallplates with only 1/2" protrusion. Fits single and multi-gang outlet boxes. Tamper proof control cover.

Maximum Energy Savings:
Light only when you need it. No ON switch so lights are never left on by mistake.

Compatibility:
Compatible with electronic ballasts. Can be wired in parallel.

Maximum Reliability:
Superb small movement sensitivity within 18 feet. LOS1000 has "ZAPS" - Zero Arc Point Switching to protect relay contacts lengthen ballast and sensor life.

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

Info Online 24/7

Spec Sheets & Installation Manuals
www.rabweb.com > click "PRODUCTS"

Smart Switch LOS800

Fits decorator wall plates with only 1/2" protrusion. 120 volts. Gangable. Full 180º view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wallplate included. Can also be used as a ceiling sensor. Must have hot, common & ground wires in box.

Finish: ○ White ● Ivory

New! Smart Switch LOS800CA

Meets California Title 24 standards. Must be turned on manually, but shuts off automatically. Full 180º view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wallplate included. Can also be used as a ceiling sensor. Must have hot, common & ground wires in box.

Finish: ○ White ● Ivory

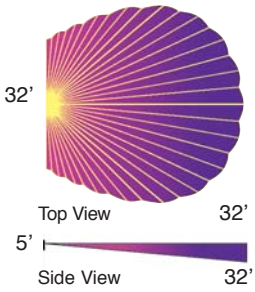
Smart Switch LOS1000

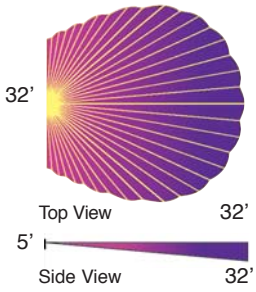
Fits decorator wall plates with only 1/2" protrusion. 120 or 277 volts. Gangable. Full 180º view covers 1000 sq. ft. Works with electronic ballasts. Can be wired in parallel. LED indicator, wallplate included. Can also be used as a ceiling sensor. No common or ground needed.

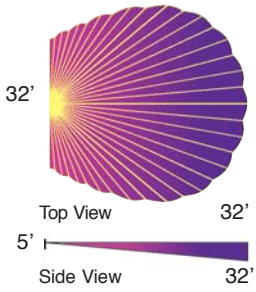
Finish: ○ White ● Ivory

LOS1000 has "ZAPS" Zero Arc Point Switching that protects relay contacts and lengthens ballast and sensor life

Detection Patterns







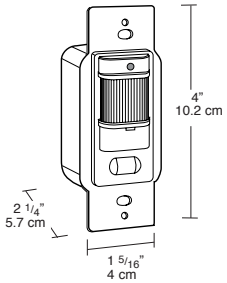
Catalog Numbers

White	Ivory
LOS800W/120	LOS800I/120
LOS800W/277	LOS800I/277
Order correct voltage for application	
1000 sf	
800 watts @ 120 volts 1200 watts @ 277 volts	
6.7 amps @ 120 volts 4.3 amps @ 277 volts	
Negligible	
8 seconds to 15 minutes	
Off - Auto	
n/a	
Time	
Hot, common & ground	

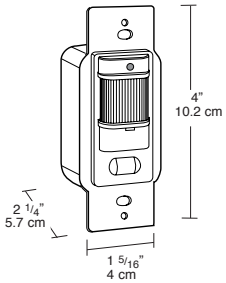
White	Ivory
LOS800CAW/120	LOS800CAI/120
LOS800CAW/277	LOS800CAI/277
Order correct voltage for application	
1000 sf	
800 watts @ 120 volts 1200 watts @ 277 volts	
6.7 amps @ 120 volts 4.3 amps @ 277 volts	
Negligible	
8 seconds to 15 minutes	
Manual on - Auto off	
n/a	
Time	
Hot, common & ground	

White	Ivory
LOS1000W/120	LOS1000I/120
LOS1000W/277	LOS1000I/277
Order correct voltage for application	
1000 sf	
1000 watts @ 120 volts 1800 watts @ 277 volts	
8 amps 1/6 horsepower	
Negligible	
30 seconds to 15 minutes	
Off - Auto	
n/a	
Time	
No common or ground needed	

Dimensions



Fits decorator wallplates.
Only 1/2" protrusion from wall.



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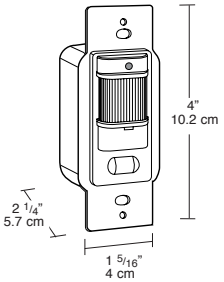

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www.rabweb.com