SB500W

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Control 500 Watts from an unobtrusive box mounted sensor. Full 180° view with tilt-down adjustment. Integral oversize wall plate included. Fits single gang cast box.

Color: White   Weight: 0.7 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

Construction

Compatibility:

Compatible with most electronic ballasts. Not compatible with instant start ballasts.

Electrical

Voltage:

120 volts AC 60 Hz.

Manual Override:

Double flip wall switch logic prevents activation by brief power outages. Resets after 8 hours. No extra wiring needed.

Surge Protection:

Withstands up to 3000 volts.

RF Immunity:

Circuits fully shielded for maximum radio frequency immunity.

Incandescent Watts Switched:

500 watts @ 120 volts.

Fluorescent Watts Switched:

250 watts @ 120 volts.

Power Consumption:

Negligible

Manual Switch:

None.

Switching Capacity:

Relay On/Off Model Switches 240 watts when lights are mounted to sensor. 500 watts Incandescent or 240 watts Fluorescent of remotely mounted lighting @ 120 volts.

Sensor Characteristics

Time Adjustment:

5 seconds to 15 minutes.

Quick Test Time:

5 second test time for fast installation. Works day or night.

Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Time Delay:

5 seconds to 15 minutes.

Ambient Light Sensing:

Adjustable.

Detection:

Full 180° view with tilt-down adjustment.

Other

"No Hands" Auto Testing:

Auto mode starts after 4 minutes of testing. No adjustment needed.

Ratings:

5 amps.

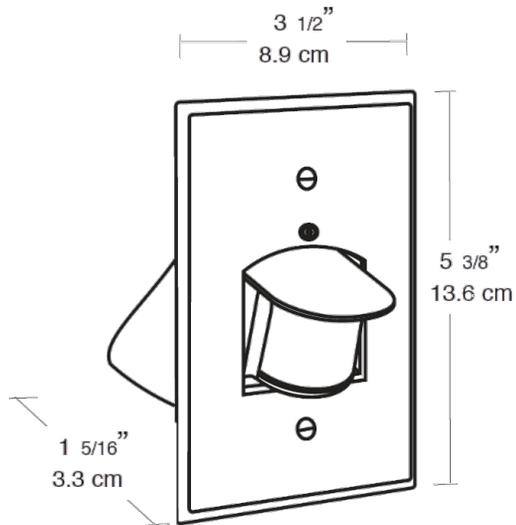**Adjustments:**

Time, ambient light & sensitivity.

Warranty:

5 year sensor warranty.

LED Characteristics

LED Detection Indicator:

LED glows red day & night for "on guard" deterrence.

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Dimensions

3 1/2"
8.9 cm

5 3/8"
13.6 cm

1 5/16"
3.3 cm

Features

Surge protected

180 detection pattern

Quick installation with 5 second test time and auto test logic

LED "on guard" indicator

Protected manual override with auto reset after 8 hours or at dawn