

1

On the provided list of device serial numbers, document the location for each sensor.

2

A508M-ZB is a wireless occupancy sensor, which provides world class motion detection in highbay areas to control lighting applications.

- Turn power off at the circuit breaker before installing the sensor.
- Sensor must be installed and used in accordance with appropriate electrical codes and regulations.
- Installation by a qualified electrician is required.

3

INSTALLATION

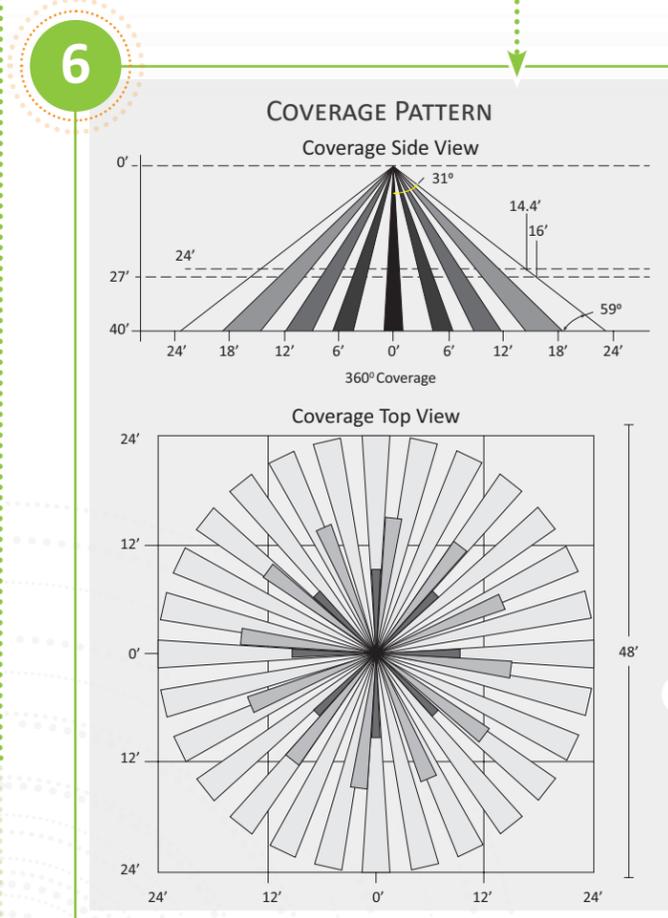
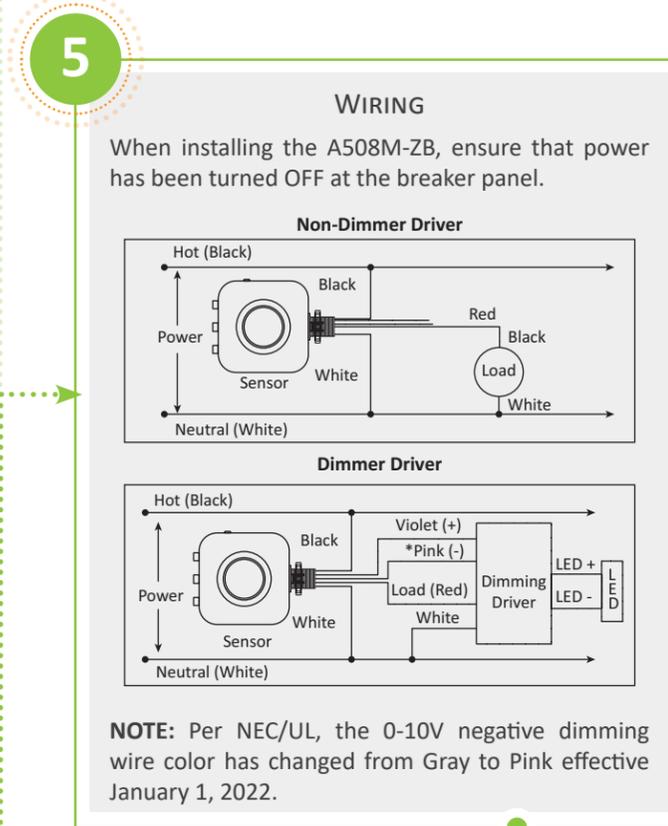
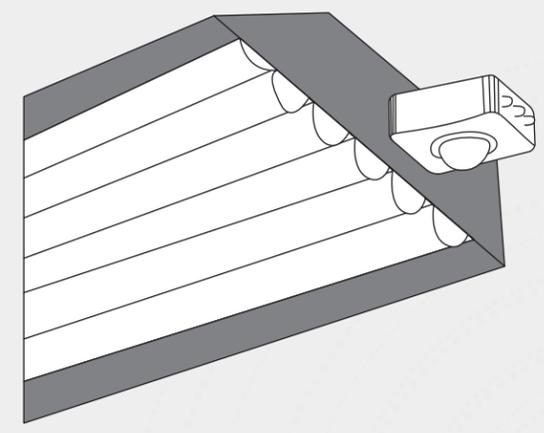
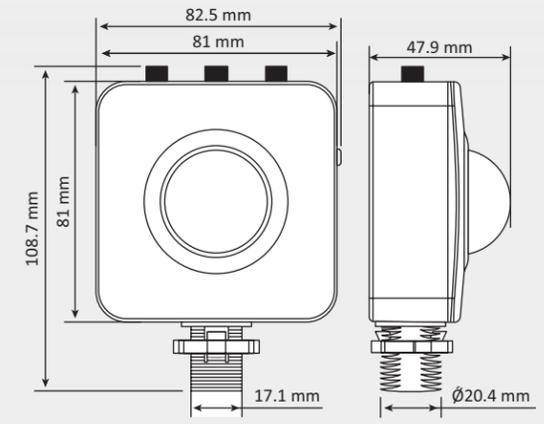
The A508M-ZB autaniNet wireless communication module is typically factory installed.

4

MOUNTING

The A508M-ZB typically mounts to a 1/2" knockout at the end of a high/low bay lighting fixture (junction box). The sensor's lens should be mounted below the bottom edge of the fixture.

- Detection lens must have a clear, unobstructed view of controlled area and must project beyond the lamps.
- Sensor should be 6 to 8 feet away from heating/cooling supply ducts.
- Ideal mounting height is up to 45 feet.
- Must be mounted on a stable platform.



7

COMMISSIONING

Setup and adjustments are performed through EnergyCenter. Appropriate control software allows parameter changes to PIR detector sensitivity, standby/dimming time delays, dimming level, and ambient light threshold (device specific) in order to meet California Title 24 compliance or other local energy regulations.

8

OPERATION

The sensor provides power to connected lights when motion is detected. When the sensor no longer detects movement and the standby time delay expires, 0(1)–10V dimming compatible lights are dimmed according to the set dimming level and will eventually be switched off after the dimming time delay expires. A set ambient light threshold can keep lights off if there is sufficient natural light, leading to additional energy savings.

ZIGBEE RADIO RESET INSTRUCTIONS

For the reset, press the button located next to the green LED.

Once the reset is performed successfully, the device will search for a network and can be added through EnergyCenter®.

Colors	Meaning
Solid Green	Joined to a Network
Flashing Green	Joining/Leaving Network
No green	Hardware issue/LED OFF for >3 minutes with power applied

CONTINUED.....



SERIAL NUMBER INFORMATION AND TRACKING

The serial number or ID of a device is used to track device installation locations and details for the commissioning process. The identification information for each device should be tracked in a meaningful way, many devices include duplicate 'stickers' with this information. Autani provides an iOS app to assist with the process.



For help getting starting with the iOS Commissioning App please see Autani's User Guide for the iOS Commissioning App.



Once commissioning details are collected, either through the iOS Commissioning App, or by tracking identifiers on drawings/spreadsheets. Please provide this information to support@autani.com to begin the commissioning process.