Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

External Motion Sensor (OMS)

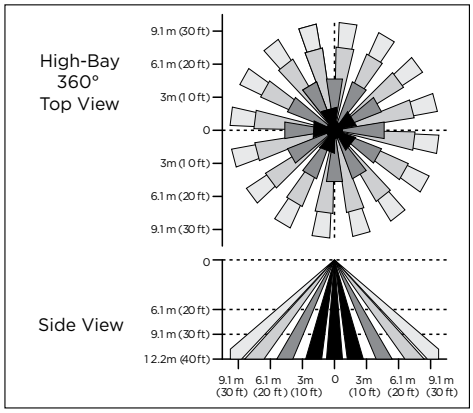
STAND-ALONE CONTROLS

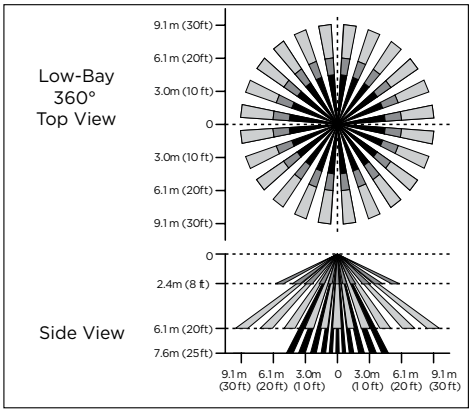
- The High Bay Sensor is designed simply to automatically turn lights ON or OFF. The sensor utilizes Passive Infrared Technology (PIR) combined with Fresnel lenses(360 high-bay or 360 low- bay) to determine when an area is occupied.
- This is determined when a heat source is detected and moves from one facet in the lens to another. The sensor recognizes this as a motion and provides power to the light fixture.
- Simultaneously a timer is started and restarts with each motion, once expired, the lights will turn OFF.
- The high bay sensor maximizes energy savings, incorporating false detection algorithms to eliminate false ONs by nuisance tripping or background environmental conditions.
- The sensor also optimizes energy savings and safety concerns during power loss scenarios by assuming a return to last known state of operation.
- Operating temperature range of 14°F to 160°F (-10°C to 71°C).

OPERATION

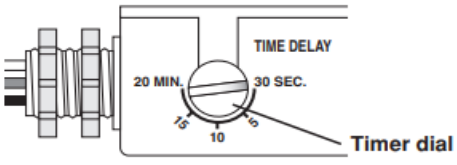
- **Time Delay** - can be set at any time via rotary dial without requiring power to the sensor. Time delay is variable from 30 secs to 20 mins. **Default is set as 30 secs.** This is the amount of time the lights stay ON after the last detected motion.
- **Sensitivity** - Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.
- **Return to last state** - contains a latching relay so that in the event power is lost to the device, the device will return to the last known state of the relay.

COVERAGE





SETTINGS



NOTE:
After power is turned ON, allow two minutes for this unit to warm up before adjusting Time-Delay settings.