ActiLume Classic

Low Temp, High Bay, Aisle, Dimming Occupancy Sensor
LRM2362

The Philips ActiLume Classic Low Temp, High Bay, Aisle, Dimming Occupancy Sensor utilizes Analog PIR technology to detect motion in temperatures down to -40°F/C. The sensor operates on line voltage and switches loads directly without the need for power packs. The LRM2362 installs in a junction box or fixture and has a detection pattern that covers the typical area of three fixtures.

The sensor provides bi-directional coverage extending 70–110 ft. when mounted at heights of 30–45 ft. When occupancy is detected, a self-contained relay switches the connected lighting load on. A second occupancy delay enables 0-10V ballasts to be dimmed before going completely off. The sensor requires no field calibration or sensitivity adjustments. A minimum on timer helps preserve lamp life and the auto-adjusting time setting determines the optimum delay in order to maximize energy savings.

Features

- Analog Passive Infrared sensing technology
- Sensor lens turret rotates 90° in order to easily adjust the direction of the view pattern
- Installs directly to luminaire or electrical junction box through a 1/2" knockout for fast, simple installation
- Interchangeable hot and load wires makes it impossible to wire backwards
- No field calibration or sensitivity adjustments required
- Convenient test mode
- Optional luminaire bracket: If the sensor's field of view is partially blocked by the luminaire housing, the luminaire bracket, (sold separately) can be used to lower the sensor down to a level where its view is not impaired (LRM2369)
- Adjustable max/min dim setting
- Push-button programmable
- Adjustable time delays
- Electronics are coated for corrosion resistance
- 100 hour lamp burn-in timer
- Self-contained relay means that no power pack is needed

Coverage (Range)

- Aisle coverage pattern provides bi-directional coverage extending 70–110ft (21.33–33.53m) when mounted at heights of 30–45ft (9.14–13.72m)

Compatibility

- Compatible with Philips Advance Mark 7 and EssentiaLine 0–10V series of dimmable electronic ballasts.

Applications

- Suitable for use in cooler/freezer applications with high ceilings

Job Information Device Type #: _____

Job Name: _____

Cat. No.: _____

Notes:

PHILIPS

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Low Temp, High Bay, Aisle, Dimming Occupancy Sensor (LRM2362)

Technical data*

Indicator: Green LED lamp—Infrared motion

Lens: High bay aisle focus

Timer delay: 30 seconds to 20 minutes (factory setting: 10 minutes)

Construction: Housing—rugged, high impact, injection molded plastic

Size: 3.63" H x 3.63" W x 1.5" D (9.22cm H x 9.22cm W x 3.81cm D)

Weight: 6oz

Color: White

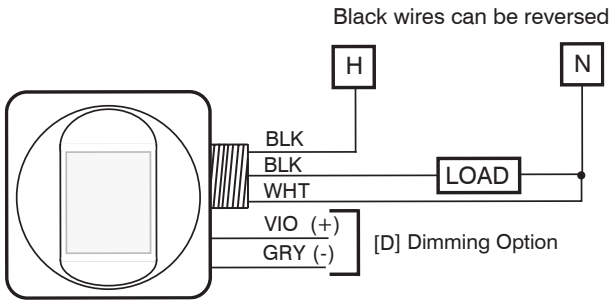
Operating environment: -40 to 160°F (-40 to 71°C)

Input voltage: 120-277VAC, 50/60Hz

Load rating: 800W @ 120VAC, 1200W @ 277VAC, No minimum load.
Dimming load–sinks < 20mA (~40 ballasts @ 0.5mA each)
1/4 HP motor load

Listings: UL Listed and cUL Listed. ROHS compliant.

Wiring

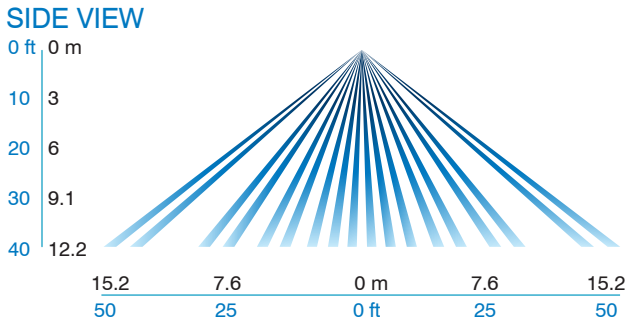


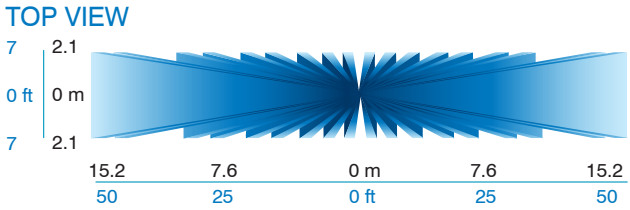
Initial Power Up

The sensor's relays are shipped in a latched closed position so the lights will come on upon initial power-up. If the lights do not immediately turn on (initial installation only) the latching relays opened during shipment and will close within 30 secs.

Note: If the sensor loses power, the internal relays will latch to on.

Field of view





*Subject to change without notice.

Ordering information

Ordering Code	Description
LRM23621	ActiLume Classic Low Temp, High Bay, Aisle, Dimming Occupancy Sensor

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