



ActiLume Classic

Low Temp, High Bay, Dimming
Occupancy Sensor
LRM2342

The Philips ActiLume Classic Low Temp, High Bay, 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 LRM2342 installs in a junction box or fixture and, when mounted at 15-20 ft., has a detection pattern that covers the typical area of single high bay fixture.

The sensor provides 360° coverage and designed for mounting heights of up to 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 mask kit included enabling field of view pattern trimming for end or center of aisle use.
- 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)

- 360° coverage pattern for mounting at heights up to 45 ft.

Compatibility

- Compatible with Philips Advance Mark 7 and EssentialLine 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

ActiLume Classic

Low Temp, High Bay, Dimming Occupancy Sensor (LRM2342)

Technical data*

Indicator: Green LED lamp—Infrared motion

Lens: High bay 360°

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 (0.17kg)

Color: White

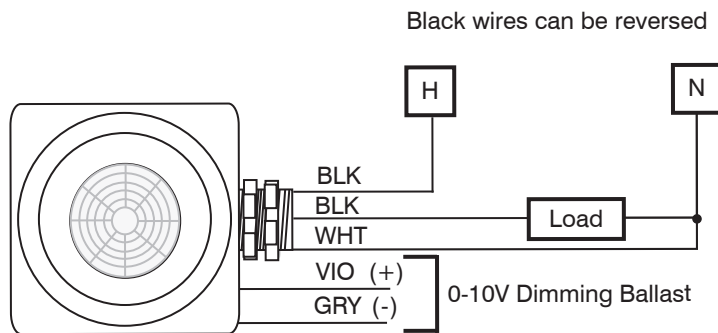
Operating environment: -40 to 160°F (-40 to 71°C)

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



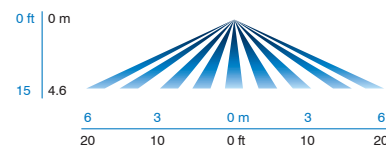
Initial Power Up

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.

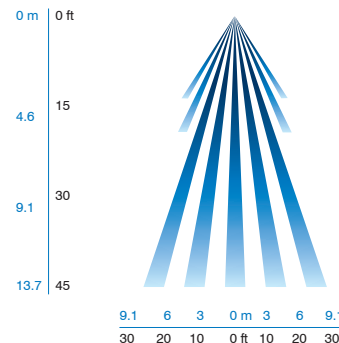
Note: If the sensor loses power, the internal relays will latch to on.

Field of view

LOW VIEW



HIGH VIEW



*Subject to change without notice.

Ordering information

Ordering Code	Description
LRM23421	ActiLume Classic Low Temp, High Bay, Dimming Occupancy Sensor



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Published and printed in USA June 2012

Form number: DS.LRM2342.1.06052012

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