



## 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  $-40^{\circ}\text{F}/\text{C}$ . 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  $360^{\circ}$  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)

- $360^{\circ}$  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

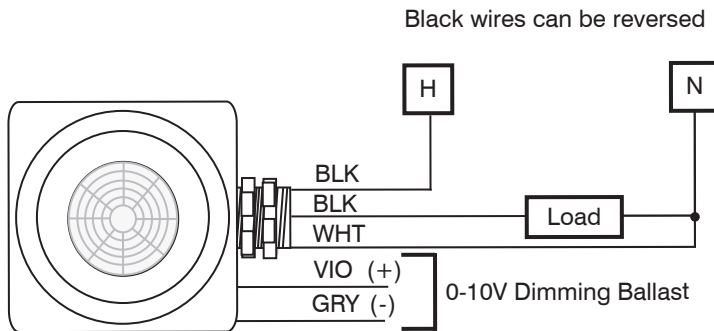
**Operating environment:** -40 to 160°F (-40 to 71°C)

**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



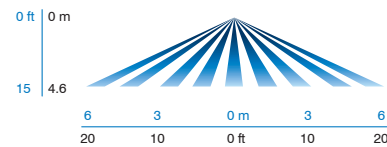
## Initial Power Up

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.

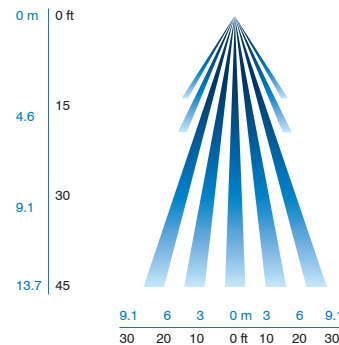
Note: If the sensor loses power, the internal relays will latch to on.

## 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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Philips Lighting  
Customer Support: +1-855-512-8791  
[www.philips.com/lightingcontrolsna](http://www.philips.com/lightingcontrolsna)