



ActiLume Classic

360° High Bay Occupancy Sensors

LRM2330/2335/2340/2345/2348

Philips ActiLume Classic 360° high bay occupancy sensors with Passive Infrared (PIR) technology operate on line voltage and switch loads directly without the need for power packs. They install to a junction box or fixture and have a detection pattern that overlaps the area lit by a typical high bay fixture.

These sensors provide radial coverage extending 15–20 ft. when mounted at heights of 15–45 ft. When occupancy is detected, a self-contained relay switches the connected lighting load on. The sensor is line powered and requires no field calibration or sensitivity adjustments. The unit can switch 2 phases of 480VAC line power going to a load. It is best used for sensor per luminaire applications.

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

- 100% digital Passive Infrared sensing technology
- Installs directly to luminaire or electrical junction box through a 1/2" knockout for fast, simple installation
- Interchangeable hot and load wires make it impossible to wire backwards
- No field calibration or sensitivity adjustments required
- Convenient test mode
- Self-contained relay means no power pack is needed
- Push-button programmable adjustable time delay setting
- A masking kit is provided in order to mask-off a portion of the view pattern for end-of-aisle applications, or to trim the sensor's side viewing to create a rectangular pattern for center-of-aisle viewing only
- 100 hour lamp burn-in timer
- Optional luminaire bracket to be used when 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

Coverage (Range)

- 360° coverage pattern provides radial coverage extending 15–20 ft. (4.57 m to 6.10 m) when mounted at heights of 15–45 ft. (4.57 m to 13.72 m)

Compatibility

- Compatible with Philips Advance Optanium programmed start and Centium electronic fluorescent ballasts

Applications

- Suitable for use in warehouses, manufacturing, and other high ceiling applications

Job Information	Device Type #: _____
Job Name: _____	
Cat. No.: _____	
Notes:	

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360° High Bay Occupancy Sensors (LRM2330/2335/2340/2345/2348)

Technical specifications*:

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, weight—6 oz

Color: White

Operating environment: 14°F to 160°F (-10°C to 71°C); 20% to 90% non-condensing, relative humidity. For indoor use only

Input voltage: 120–277VAC (LRM2330, LRM2340); 347VAC (LRM2335, LRM2345); 480VAC (LRM2348 models)

Operational frequencies: 50/60Hz

Wire designation:

LRM2330, LRM2340: Line—Black*, Load—Black*, Neutral—White

LRM2335, LRM2345: Black wires are replaced w/Red wires

LRM2348: Phase A Line—Black*, Phase A Load—Black* Phase B Line—Blue**, Phase B Load—Blue**, White—Connect to either Line Input; *Black wires can be reversed; **Blue wires can be reversed

Load Rating: 800W @ 120VAC; 1200W @ 277VAC; 1500W @ 347VAC; 5 Amps @ 480VAC (LRM2348);

Motor: ¼ HP Load

Listings: UL Listed and cUL Listed

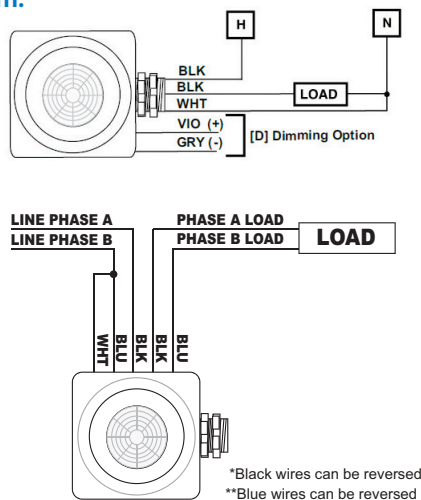
Wiring diagram:

LRM2330
LRM2340

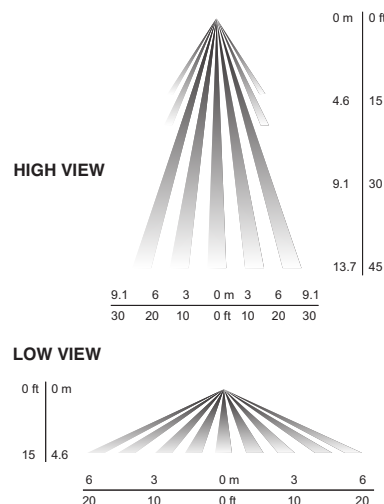
LRM2335
LRM2345

(black wires are replaced with red wires.)

LRM2348



Field of view (in feet):



*Subject to change without notice.

Ordering information

Ordering Code	Description
LRM2330	Fixture-Mounted High Bay 360° Sensor, 120/277 VAC
LRM2335	Fixture-Mounted High Bay 360° Sensor, 347VAC
LRM2340	Fixture-Mounted High Bay 360° Sensor, 120/277 VAC, Photocell, Low Temp.
LRM2345	Fixture-Mounted High Bay 360° Sensor, 347VAC, Photocell, Low Temp.
LRM2348	Fixture-Mounted High Bay 360° Sensor, 480 VAC
LRM2369	Optional Sensor Mounting Bracket



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