



ActiLume Classic

High Bay Aisle Occupancy Sensor with Rotating Lens

LRM2350/2355/2360/2365/2368

Philips ActiLume Classic aisle-focus, 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 covers the typical area of three fixtures.

These sensors provide 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. The sensor is line powered and requires no field calibration or sensitivity adjustments. The LRM2368 version 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
- 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)
- Energy savings minimum on timer
- Push-button programmable adjustable time delays
- 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
- Self-contained relay means that no power pack is needed

Coverage (Range)

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

PHILIPS

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Technical specifications*:

Indicator: Green LED lamp—Infrared motion

Lens: High bay aisleway

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: 120-277 AC (LRM2350, LRM2360); 347VAC (LRM2355, LRM2365); 480VAC (LRM2368)

Operational frequencies: 50/60Hz

Wire designation:

LRM2350, LRM2360: Line—Black', Load—Black', Neutral—White

LRM2355, LRM2365: Black wires are replaced w/Red wires

LRM2368: 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 (LRM2370); Motor: ¼ HP Load

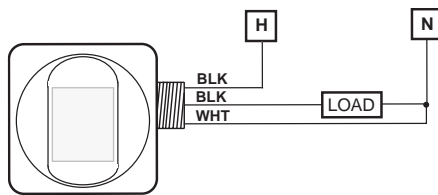
Listings: UL Listed and cUL Listed

Wiring diagram:

LRM2350
LRM2360

LRM2355
LRM2365
(black wires are replaced with red wires.)

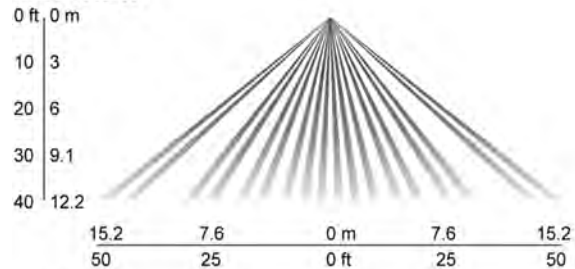
LRM2368



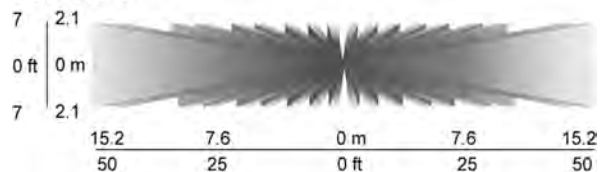
* Black wires can be reversed
** Blue wires can be reversed

Field of view (in feet):

SIDE VIEW



TOP VIEW



*Subject to change without notice.

Ordering information

Ordering Code	Description
LRM2350	Fixture-Mounted High Bay Sensor, Aisle Focus, 120/277VAC
LRM2355	Fixture-Mounted High Bay Sensor, Aisle Focus, 347VAC
LRM2360	Fixture-Mounted High Bay Sensor, Aisle Focus, 120/277VAC, Photocell, Low Temperature
LRM2365	Fixture-Mounted High Bay Sensor, Aisle Focus, 347VAC, Photocell, Low Temperature
LRM2368	Fixture-Mounted High Bay Sensor, Aisle Focus, 480VAC
LRM2369	Optional Sensor Mounting Bracket



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