

PIR1500, Passive Infrared Ceiling Sensor Line Voltage



PIR
Activated



- Low-profile design
- Integral photocell control
- 1,500 sq. ft., 360° coverage
- UL and cUL listed
- Five-year warranty

Specifications:

Technology: Passive Infrared (PIR)

Electrical Ratings

120VAC:

- Incandescent/Tungsten - Max.load: 6.7 amps, 800W, 50/60 Hz
- Fluorescent/Ballast - Max.load: 8.3 amps, 1000W, 50/60 Hz

277VAC:

- Fluorescent/Ballast - Max.load: 6.5 amps, 1800W, 50/60 Hz

347VAC:

- Fluorescent/Ballast - Max.load: 6.3 amps, 2200W, 50/60 Hz

Time Delays: Fully adjustable 30 seconds to 30 minutes

Coverage: 360 degrees, up to 1,500 sq ft.

Light Level Sensing: 5 to 200 foot-candles

Operating environment:

- Temperature: 32°F - 131°F (0°C - 55°C)
- For indoor use only
- Relative Humidity (non-condensing): 0%-95%

Housing: Durable, injection molded housing.

Size & Weight:

- 4" W x 1.9" H (101mm W x 48mm H)
- 3.0 oz

Mounting:

- Sensors can be mounted using a 3-0 round mud ring attached to a 4-inch square electrical box
- Recommended maximum mounting height: 10ft.

LED Indicator: Red LED for PIR detection

Warranty: Five year

cUL Listed 

www.coopercontrol.com

Catalog #	Type
Project	
Comments	
Prepared by	Date



Overview

The PIR1500-* is a line voltage ceiling mounted occupancy sensor which uses Passive Infrared (PIR) sensor technology to monitor a room for occupancy. The sensor is specifically designed for long-range major-motion activity.

Features and Advantages

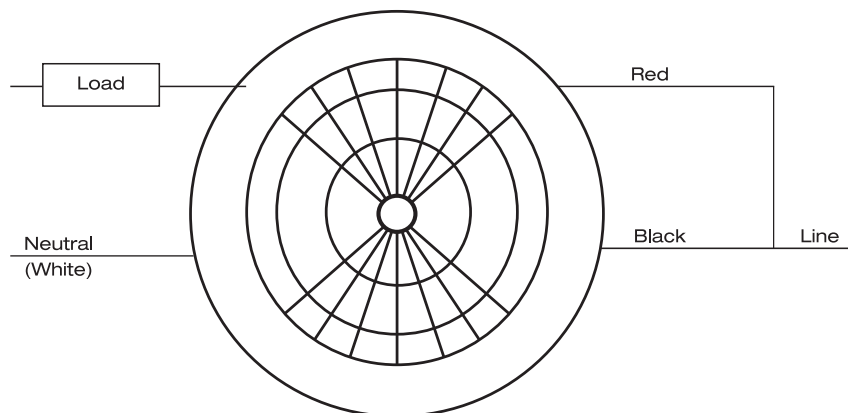
- The self contained relay unit does not require Class 2 (low voltage) wiring or a separate switch pack
- 360 degree field of view with 1500 sq ft coverage making it ideal for a variety of wide coverage area applications
- Adjustable time delay and sensitivity allows the unit to be adjusted to the ideal setting for the environment
- Multi-segmented, high density Fresnel lens for optimum sensitivity performance
- Integral photocell increases energy savings by preventing lights from turning on when there is sufficient natural light

Applications

Offices
Conference rooms
Break rooms

Ordering

Catalog #	Ratings	Coverage	Color
PIR1500-120-347	Incandescent: 0 - 800W @ 120V Fluorescent: 0 - 1000W @ 120V Fluorescent: 0 - 1800W @ 277V Fluorescent: 0 - 2200W @ 347V	1,500 sq. ft. 360°	White



Coverage

RANGE DIAGRAM

