



**CONTRACTOR  
LIGHTING & SUPPLY**

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PROJECT
TYPE
CATALOG #

## 360° High Bay Passive Infrared PIR Fixture Mounted Occupancy Sensor

### FEATURES

- cUL Listed / Fcc
- Single Pole
- Color: White
- Operational Mode: Auto ON, Auto OFF
- Time Delay: Adjustable (15 seconds up to 30 minutes)
- Terminal Line: White- Neutral, Black- Hot, Red- Load
- Coverage Range: High Bay mounting heights up to 30ft mounting/ 360° field
- Humidity Range: 0% to 90% RH, non-condensing
- Operating Temperature: 30° to 131° F (0° to 55° C)
- Voltage: 120/277VAC, 60Hz
- Load Requirements: 800VA at 120VAC
- Load Horsepower: 1/GHP
- Ambient light level adjustment



**20-FL-OSFHU-RG**

### APPLICATIONS

Ambient light level adjustment used to detect if other light sources are enough to illuminate the space without turning on the fixture.

Passive Infrared Technology: Motion sensor switch provides hands-free operation by detecting a change in temperature. Turn lights ON in response to the heat generated energy (when a person enters a room) and OFF when rooms are unoccupied.

The 20-FL-OSFHU-RG occupancy sensor is designed to mount directly onto a luminaire and is ideal for high mounted areas such as manufacturing facilities, warehouses, and all other high ceiling applications.

The 20-FL-OSFHU-RG detects changes in the infrared energy given off by occupants as they move within the field-of-view. When occupancy is detected, a self contained relay switches the connected lighting load on. The occupancy sensor is line powered and can switch to line voltage. An internal timer, factory set at 15 seconds, keeps the lights on during brief periods of inactivity.

The best coverage area for the 20-FL-OSFHU-RG is between 15ft to 26ft mounting heights. 15ft to 20ft radial coverage overlaps are lit by a typical high bay fixture.

The time delay adjustment controls the amount of time the lights stay ON after the last detected motion. Time delay can be adjusted from 15 seconds up to 30 minutes (factory time delay set at 15 seconds)

To decrease PIR detection range and sensitivity, rotate the knob counter clockwise. The detection range can be adjusted from 100% down to 30%.

