

HBS 200

High Bay Occupancy Sensor



Project Name:

Location:



HBS 200 Specifications

Item No.	64121 (indv. packaged) 64120 (bulk)
Accessories	64301 LC1, Aisle Starter Lens Cover 64307 EM1, Extender Module
Voltage	120/230/277 VAC, 50/60 Hz
Load Rating	120 VAC: 0-800 watt ballast, tungsten, 1/4 hp 230/277 VAC: 0-1200 watt ballast
Sensing Technology	passive infrared (PIR)
Time Delay Setting	15 seconds to 30 minutes
Light Level Setting	.2-200 footcandles 2-2000 lux
Environment	IP20 rated, -4°F to +122°F, -20°C to +50°C
Coverage	100 x 13 ft (30.48 x 3.96 m) linear detection
Sensors	2 dual element infrared pyroelectric detectors
Lens Design	104 switching zones
Dimensions (LxWxD)	3.9 x 3.9 x 2.72 in, 99 x 99 x 69.1 mm, nipple length .62 in (15.75 mm)
Warranty	5 years
Certifications	C-UL-US Listed, RoHS Compliant, CA Compliant

The HBS 200 High Bay Occupancy Sensor provides occupancy based lighting control in high bay aisleway applications.

The sensor performs at a wide range of mounting heights, up to 45 feet. It mounts directly to a high bay lighting fixture or junction box. The EM1 Extender Module is recommended if the knockout at the end of the fixture is located greater than 1/2" from the bottom edge of the fixture.

Applications

High bay aisleway areas such as in warehouses and distribution centers.

Key Features:

- Aisleway coverage with up to 100 ft linear detection
- Coverage area may be adjusted with LC1 aisle starter lens cover that snap to the front of the sensor
- 2 pyroelectric detectors with 104 switching zones provides superior aisleway detection over other single pyroelectric linear coverage highbay sensors
- Automatically adjusts to temperature changes keeping sensitivity and coverage consistent
- Light level feature allows lighting to remain off during daylight regardless of occupancy
- Built-in surge protection with auto-reset

120/230/
277V

Voltage

PIR

Passive Infrared Technology



Aisleway Coverage

Fixture
or J Box
Mount

Fixture or Junction Box
Mounting



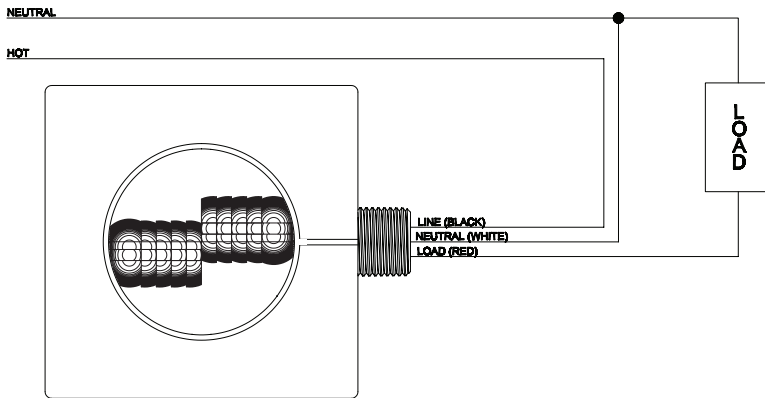
0.2 - 200 fc

HBS 200

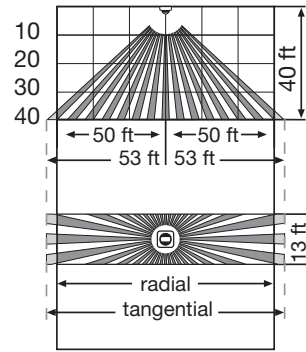
High Bay Occupancy Sensor



Wiring

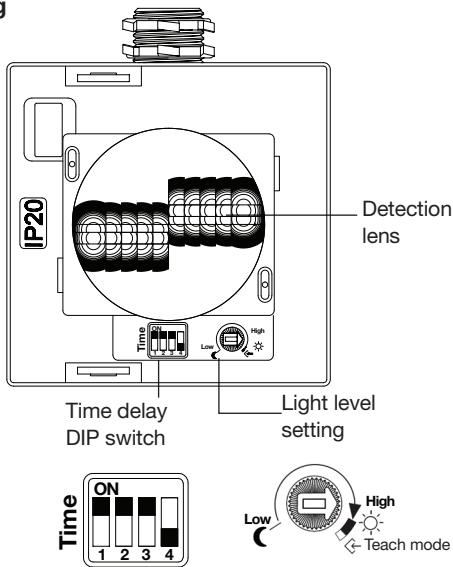


Coverage



Coverage may vary depending on mounting height and environmental conditions.

Setting

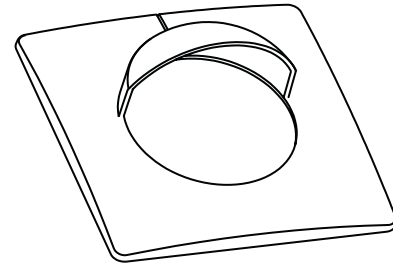


Time Delay DIP Switch

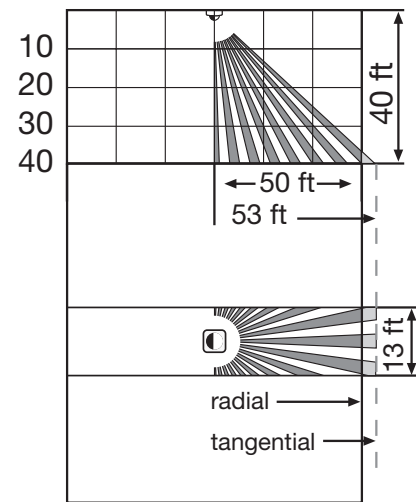
1	2	3	4	Time
ON	ON	ON	OFF	15 sec
ON	OFF	OFF	OFF	1 min
OFF	ON	ON	OFF	5 min
ON	OFF	ON	OFF	10 min
ON	ON	OFF	OFF	15 min
OFF	ON	OFF	OFF	20 min
OFF	OFF	ON	OFF	25 min
OFF	OFF	OFF	OFF	30 min
N/A	N/A	N/A	ON	override

Factory setting is 15 minutes.

Coverage Adjustment

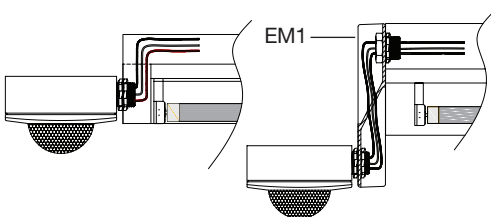


LC1



LC1 aisle starter cover for HBS 200

Mounting



The HBS 200 is mounted directly to a lighting fixture. The EM1 Extender Module is recommended if the knockout at the end of the fixture is located greater than 1/2" from the bottom edge of the fixture.