# GLA-HBS-200 by Steinel
## High Bay Occupancy Sensor

**CRESTRON**

| | |
|---|---|
| Item No. | 64121 (indv. packaged)<br>64120 (bulk) |
| Accessories | LC1, Aisle Starter Lens Cover<br>EM1, Extender Module |
| Voltage | 120/230/277 VAC, 50/60 Hz |
| Load Rating | 120 VAC: 0-800 watt ballast, tungsten, 1/4 hp<br>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<br>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,<br>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 | PIR | | Fixture or J Box Mount | |
|---|---|---|---|---|
| Voltage | Passive Infrared Technology | Aisleway Coverage | Fixture or Junction Box Mounting | 0.2 - 200 fc |

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## High Bay Occupancy Sensor
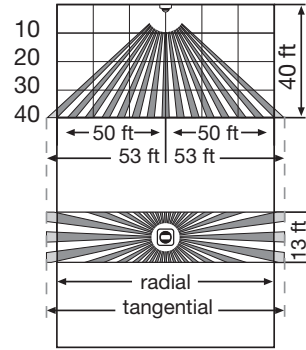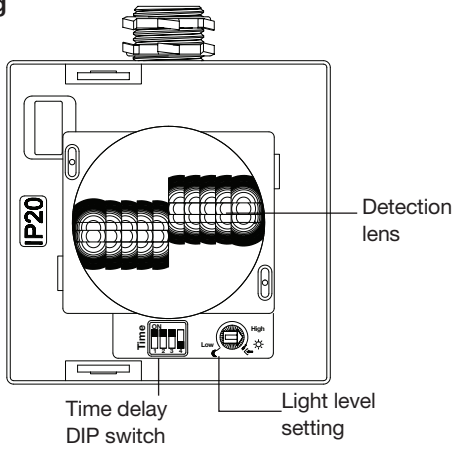
## Wiring

NEUTRAL

HOT

L O A D

LINE (BLACK)
NEUTRAL (WHITE)
LOAD (RED)

## Coverage

10
20
30
40

40 ft

50 ft — 50 ft
53 ft | 53 ft

13 ft

radial
tangential
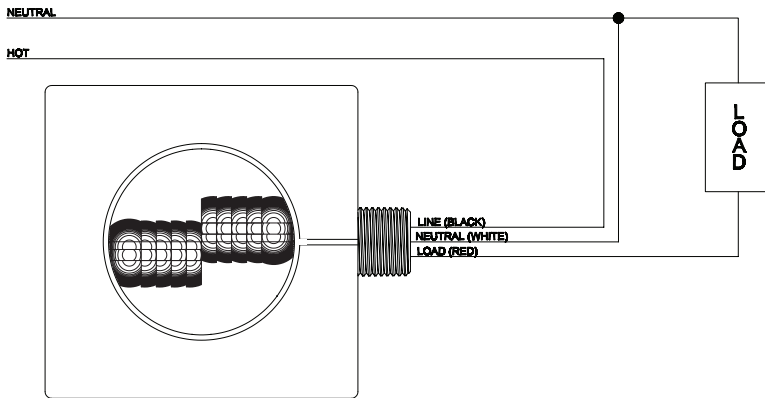
Coverage may vary depending on mounting height and environmental conditions.

## Setting

IP20

Detection lens

Time delay DIP switch

Light level setting

ON

Time

1 2 3 4

Low — High — Teach mode

### 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
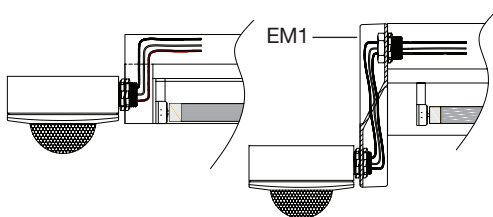
10
20
30
40

40 ft

50 ft
53 ft

13 ft

radial
tangential
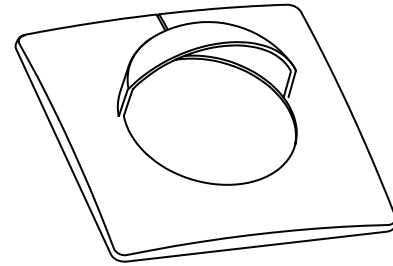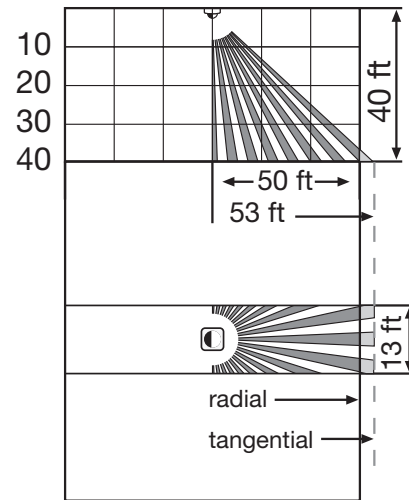
LC1 aisle starter cover for HBS 200

## Mounting

EM1

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.