Segment Markets:

Commercial | Industrial | Retail | Specialty

High Bay HID Occupancy Sensors

High Bay HID Basic, Single and Dual Output Occupancy Sensors by Schneider Electric work with a single HID (high intensity discharge) luminaire to reduce the lamp wattage by approximately 50% and then return the lamp wattage to 100% when occupancy is detected in an aisle or room. Motion is detected using passive infrared (PIR) technology.

Basic HID Sensors are used in sensor-per-fixture configuration, while single output sensors include a connector to send and receive fiber optic signals. Single output sensors are commonly used in daisy chain configurations. Dual output sensors have two connectors that send fiber optic signals, and are commonly used in configurations that interleave switch packs and sensors. All Sensors are compatible with single magnetic HID luminaires.

> Features

- Compatible with HID luminaires rated between 120 and 480VAC/60Hz, without adding taps or jumpers
- User-adjustable 1 to 15 minute activity timer
- User-adjustable range dial to customize PIR sensitivity
- Available with interchangeable aisle and area lenses
- Lamp always starts on high to provide full rated HID lamp life, even after AC power bumps or loss of fiber optic signals
- Includes a manual test switch for self diagnostics that assist with installation and debugging networks

Schneider Electric Dual Output Occupancy Sensor

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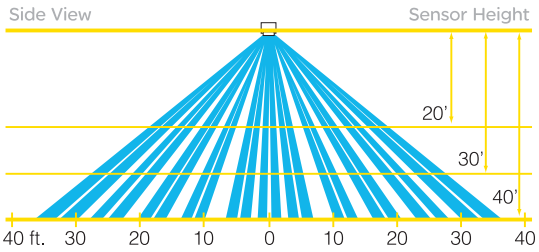
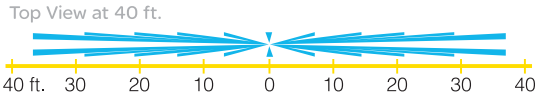
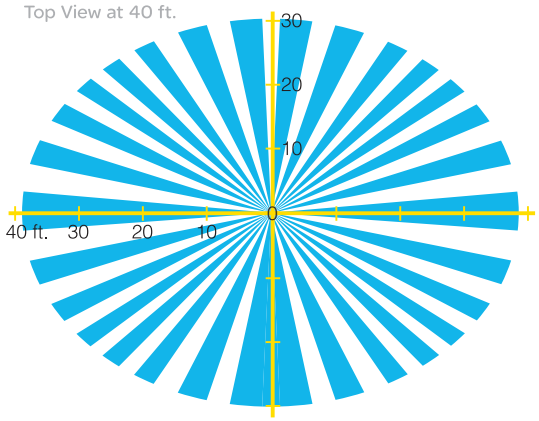


Coverage pattern for area / aisle lenses (side view)



Coverage pattern for aisle lens (top view)



Coverage pattern for area lens (top view)

Sensor and optional counterweight mounted on luminaire

> Specifications

Basic, Single and Dual Occupancy Sensors	
Fixture Compatibility	HID with constant wattage auto-transformer ballast
Dimming Method	Relay-switched dual-section capacitor*
Switching Configurations	Parallel (preferred) or series capacitors
Relay Current Rating	4 amperes RMS maximum
Maximum Fixture Wattage	1000 watts parallel mode/250 watts series mode
AC Line Voltage	120/208/240/277/347/480VAC
Power Consumption	3 watts maximum
Maximum Fiber Spacing Between Nodes	200 ft.
Ambient Temperature Range	32° to 122° F (0° to 50° C) non-condensing
Observed Motion ON Time	1 to 15 minutes (user-adjustable)
Lamp Warm Up Interval	15 minutes (not adjustable)
Wire Harness	4 conductor 18 AWG stranded copper wire
Wire Harness Length	36 inches (91.44 cm)
Dimensions (including mounting nipple)	3.25 in. (L) x 3.25 in. (W) x 3.25 in.(H) [82.56 mm (L) x 82.56 mm (W) x 82.56 mm (H)]
Standards	UL®: Listed 916 Energy Management Equipment cUL: Listed

> Order Information

Description	Catalog Number
Basic Occupancy Sensor	SLSPIP210
Single Output Occupancy Sensor	SLSPIP211
Dual Output Occupancy Sensor	SLSPIP212
Optional Counterweight	SLSPCW001

*Luminaires must either come equipped with a dual-section capacitor intended for bi-level dimming or be retrofitted with a dual-section capacitor prior to the sensor installation. The dual-section capacitor must meet voltage and capacitance recommendations of the luminaires or ballast manufacturer.

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