FEATURES
• Designed for LED fixtures and rated for extreme temperatures; options for box or pole mounting
• Fully adjustable high and low dimmed light levels
• Hold off setpoint with automatic calibration option for convenience and added energy savings
• Adjustable via handheld wireless configuration tool (ordered separately) or bluetooth enabled app.
• IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8’ to 40’
• Adjustable time delay and cutoff delay
• Universal voltage for 120-277 and 208/240/347/480V.

ORDERING INFORMATION

OCCUPANCY SENSOR
OCCWS FSP-221B Adjustable via remote
OCCWS FSP-321B Bluetooth enabled

LENS
L3 Coverage at 8’ mounting height: ø48’
L7 Coverage at 100’ mounting height: ø40’

VOLTAGE
120-480 Universal voltage, 120V-480V

EXAMPLE
OCCWS FSP-221B - L3 - 120-480

FSIR-100 REMOTE

Initial setup and subsequent sensor adjustments are made using a handheld configuration tool (FSIR-100). The wireless tool stores up to five sensor parameter profiles to speed configuration of multiple sensors. Please specify quantity required per project. Visit www.wattstopper.com for more information.

COVERAGE PATTERNS

L3 Lens
20’
20’
10’
10’
0’
0’
20’
20’

Top View
Side View

L7 Lens
50’
50’
25’
25’
0’
0’
25’
25’

Top View
Side View
FEATURES

• Line voltage passive infrared (PIR)
• Two interchangeable lenses included: high mount 360° lens and choice of low mount or aisleway lens (must specify when ordering)
• Adjustable time delay (30 seconds to 30 minutes)
• Factory preset to 15 minutes

ORDERING INFORMATION

OCCUPANCY SENSOR

<table>
<thead>
<tr>
<th>OCCSS LSXR-__-120-277</th>
<th>610 - 120-277</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENS</td>
<td>610 High mount 360° lens installed and low mount 360° lens packed with fixture</td>
</tr>
<tr>
<td></td>
<td>650 High mount 360° lens installed and high mount aisleway lens packed with fixture</td>
</tr>
</tbody>
</table>

COVERAGEN PATTERNS

HIGH MOUNT 360° LENS

• Best choice for 15’ to 45’ mounting heights
• 15’ to 20’ radial coverage overlaps area lit by a typical high bay fixture
• Excellent detection of large motion (e.g. walking) up to a 35’ mounting height
• Excellent detection of extra large motion (e.g. forklifts) up to a 45’ mounting height

LOW MOUNT 360° LENS

• Best choice for large motion detection (e.g. walking)
• 360° conical shaped pattern
• Provides 24’ radial coverage (2000 ft²) when mounted at 9’
• 7’ to 15’ mounting heights provide 16’ to 36’ radial coverage
• Detection range improves when walking across beams compared to into beams

HIGH MOUNT AISLEWAY LENS

• Provides a bi-directional coverage pattern ideal for warehouse racking
• 1.2x mounting height equals approximate detection range in either direction
• Typical 40’ mounting detects 50’ in either direction
• Superior aisleway coverage compared to a masked 360° lens
**INDUSTRIAL SERIES OCCUPANCY SENSORS**

**HBP**

**FEATURES**
- Single phase line voltage passive infrared (PIR)
- Ships with 360° lens for mounting heights of 15’-40’ and optional masking accessory for aisle applications.
- Adjustable time delay (15 seconds to 30 minutes).
- Factory preset to 15 minutes.
- Adjustable via handheld wireless configuration tool (ordered separately).

**ORDERING INFORMATION**

**OCCUPANCY SENSOR**
OCCWS HBP-111-L7-120/277/347

**ACCESSORIES** (Must be ordered separately)
- FSIR-100 Remote controller for occupancy sensor (specify quantity required per project)

**COVERAGE PATTERNS**

**FSIR-100 REMOTE**
Initial setup and subsequent sensor adjustments of the HBP-111 may be made using a handheld configuration tool (FSIR-100). This tool simplifies adjustment of parameters including sensitivity, time delay and hold-off level with maximum granularity. The FSIR-100 is also used to enable or disable advanced features, including burnin mode, walk-through mode, visual alert and occupancy mode. The wireless tool stores up to five sensor parameter profiles to speed configuration of multiple sensors.

**CMRB-6**

**FEATURES**
- High Bay 360° sensor with line voltage passive infrared (PIR)
- For mounting up to 45’
- Ideal for individual on/off control of T5/T8 fluorescent lighting
- Adjustable time delay (30 seconds to 20 minutes)
- Factory preset to 15 minutes

**ORDERING INFORMATION**

**OCCUPANCY SENSOR**
OCCSS CMRB-6-120/277
OCCSS CMRB-6-347
OCCSS CMRB-6-480
OCCSS CMRB-6-208/240

**ACCESSORIES** (Must be ordered separately)
- FSIR-100 Remote controller for occupancy sensor (specify quantity required per project)
**Indoor Information**

### OSFHU

**Coverage Patterns**

- **High Bay Lens**
- **Aisle Lens**
- **Low Bay Lens**

#### Features

- Line voltage passive infrared (PIR)
- Ships with three lens choices for varying ceiling height of 8’-40’
- External adjustable time delay knob (30 seconds to 20 minutes, not factory preset)

#### Ordering Information

- **Occupancy Sensor**
  - OCCLV OSFHU-ITW-120/277
  - OCCLV OSFHU-ITW-347
  - OCCLV OSFHU-I4W-240/480

### SFR-30

**Coverage Pattern**

- **Top View**
- **Side View**

#### Features

- Line voltage passive infrared (PIR)
- Recommended for fixtures that have a 1.1 spacing to mounting height ratio or less. For mounting heights between 15’-40’.
- Adjustable time delay (30 seconds to 20 minutes)
- Factory set to 15 minutes

#### Ordering Information

- **Occupancy Sensor**
  - OCCSS SFR-30-120/277
  - OCCSS SFR-30-347
**FEATURES**
- Line voltage passive infrared (PIR)
- Three lens choices are available for mounting 20'-40', must specify when ordering.
- Adjustable time delay (15 seconds to 30 minutes)
- Factory preset to 15 minutes.

**ORDERING INFORMATION**

**OCCUPANCY SENSOR**

OCCWS HB340-__-347/480

**LENS**

- **L1** Coverage at 40' mounting height: 60' x 20'
- **L3** Coverage at 20' mounting height: 24' diameter
- **L4** Coverage at 40' mounting height: 68' diameter

**COVERAGE PATTERNS**

**L1 Lens**

Top View

Side View

**L3 Lens**

Top View

Side View

**L4 Lens**

Top View

Side View