Wire Cage Guards

Wire cage guards are heavy-duty, coated, 9-gauge wire guards that can be used to minimize or reduce sensor damage. Wire cage guards can be installed in gymnasiums, warehouses, locker rooms, and multi-purpose rooms to protect sensors from damage or destructive strikes. Mounting clips are included.

Features

- Protect in-wall or surface-mount sensors
- Heavy-duty, coated, 9-gauge metal wire
- Common applications include:
  - Gymnasiums
  - Warehouses
  - Locker rooms
  - Multi-purpose rooms
- Mounting clips included
- Multiple models available depending on type of sensor to be protected
- Available in white only

L-WIRECAGE-WBX
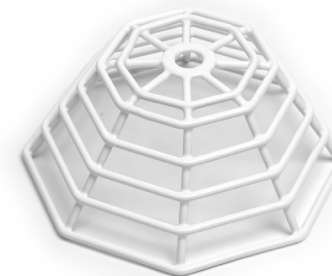

L-WIRECAGE-W

L-WIRECAGE-C

Model Numbers

Model	Works with	Dimensions
L-WIRECAGE-WBX	All in-wall sensors	6.25 × 4.0 × 2.25 in (159 × 102 × 57 mm)
L-WIRECAGE-W	LOS-WDT, LOS-WIR, all in-wall sensors	7.0 × 5.75 × 4.5 in (178 × 146 × 114 mm)
L-WIRECAGE-C	LOS-CDT, LOS-CIR, LOS-CUS	7.0 × 7.0 × 3.25 in (178 × 178 × 83 mm)

Specifications

Environment

- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% – 90% humidity, non-condensing. Indoor use only.

Warranty

- 5-Year Limited Warranty. For additional Warranty information, please visit www.lutron.com/ TechnicalDocumentLibrary/Sensor_Warranty.pdf

Sensor Performance

- Coverage patterns and range will be limited by the addition of these cages (see diagrams in the *Sensor Coverage* section for guidance). Exact coverage will vary, depending on how the sensor and cage are mounted. To test coverage of sensors, use Test Mode.

- Not recommended for use with RF sensors. The metal wire cage forms an RF barrier around the sensor that significantly reduces the RF performance. For installations where an RF sensor is required, the RF range can be tested with the cage installed after assiociating the sensor to a load control device.

Additional Information on Sensors

- Single-circuit PIR Maestro® Occupancy Sensor Switch models: see Lutron® P/N 369666

- Dual-circuit PIR Maestro® Occupancy Sensor Switch models: see Lutron® P/N 369758

- Maestro® Occupancy Sensor C•L® Dimmer models: see Lutron® P/N 369748

- Maestro® Dual Technology Sensor Switch models: see Lutron® P/N 369773

- Ultrasonic Ceiling Mount Sensor models: see Lutron® P/N 369651

- Infrared Ceiling Mount Sensor models: see Lutron® P/N 369655

- Dual Technology Ceiling Mount Sensor models: see Lutron® P/N 369653

- Maestro® 0–10 V Dimmer Sensor models: see Lutron® P/N 369833

- For more information, visit www.lutron.com/sensors

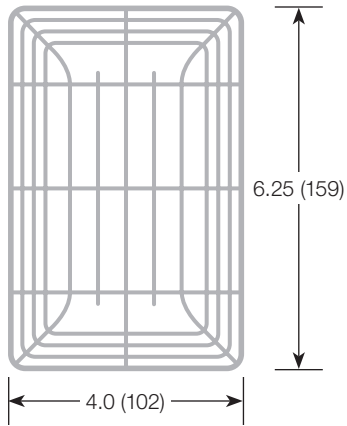- Lutron Technical Hotline: 1.800.523.9466

※**LUTRON**® SPECIFICATION SUBMITTAL   Page

Job Name:	Model Numbers:
Job Number:	

Dimensions

Measurements shown as: in (mm)
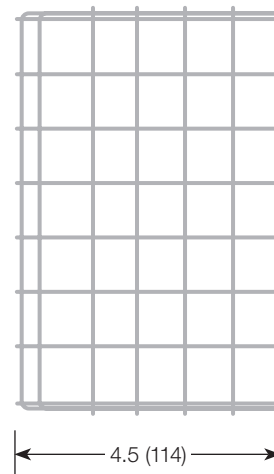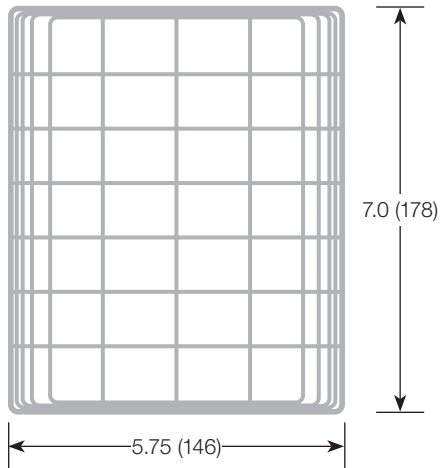
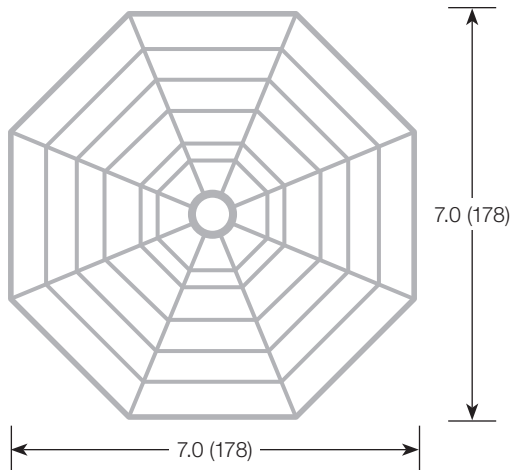Front View   Side View

L-WIRECAGE-WBX

6.25 (159)

4.0 (102)

2.25 (57)

L-WIRECAGE-W

7.0 (178)

5.75 (146)

4.5 (114)

L-WIRECAGE-C

7.0 (178)

7.0 (178)

3.25 (83)

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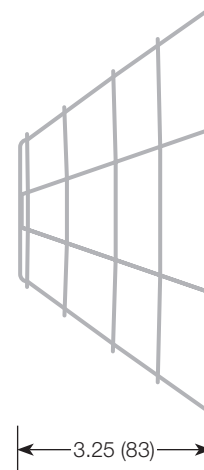
Job Name:	Model Numbers:
Job Number:	

Mounting

- Center the wire guard over existing sensor.
- Drill four 0.25 in (6.3 mm) mounting holes. Hardware provided.
- If lag bolts are used, make sure anchor is flush with surface. Position guard, insert lag bolt and tighten. Lag bolt should be long enough to assure full thread engagement in anchor.
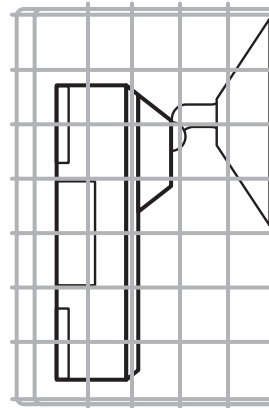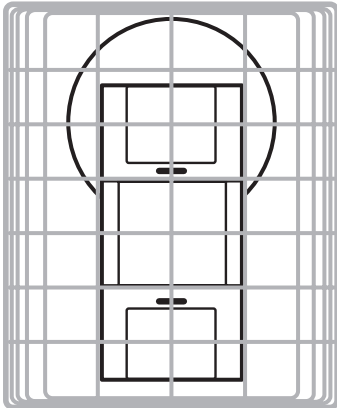
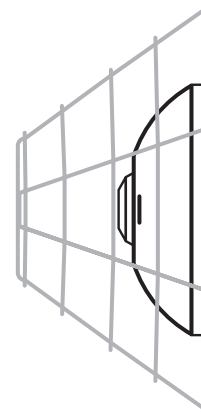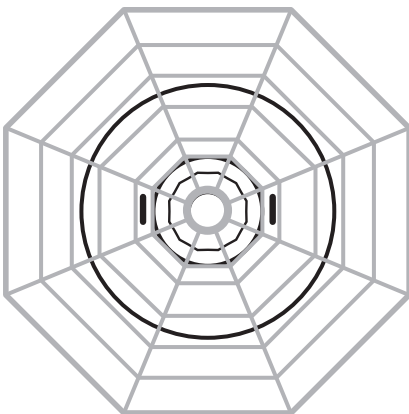Front View   Side View
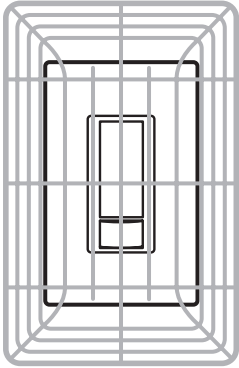
L-WIRECAGE-WBX

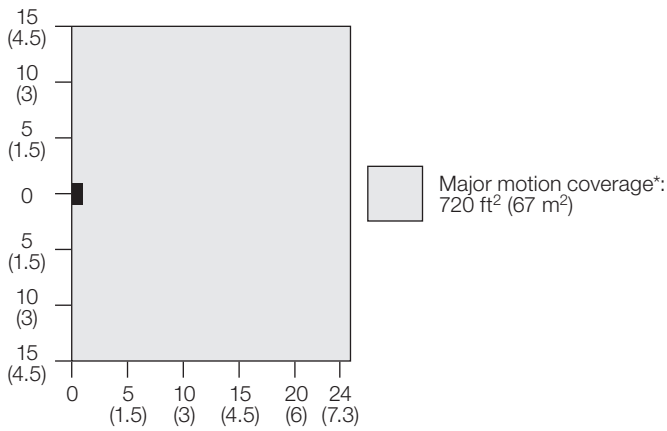**L-WIRECAGE-W**

L-WIRECAGE-C

Job Name:	Model Numbers:
Job Number:	

Sensor Coverage

Measurements are: ft (m)

In-wall sensors with L-WIRECAGE-WBX

Major motion coverage*:
720 ft^2 (67 m^2)

In-wall sensors with L-WIRECAGE-W

Major motion coverage*:
900 ft^2 (81 m^2)
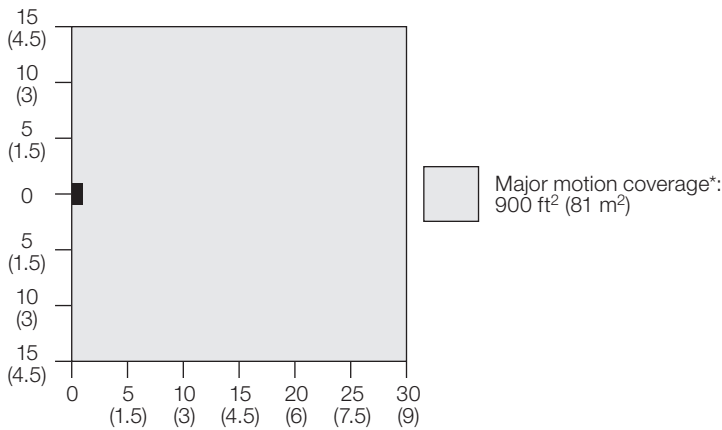
Wall-mount sensor LOS-WDT-2000 with L-WIRECAGE-W

Major motion coverage*:
900 ft^2 (81 m^2)

No coverage:
9 ft^2 (0.8 m^2), each of 2 corners
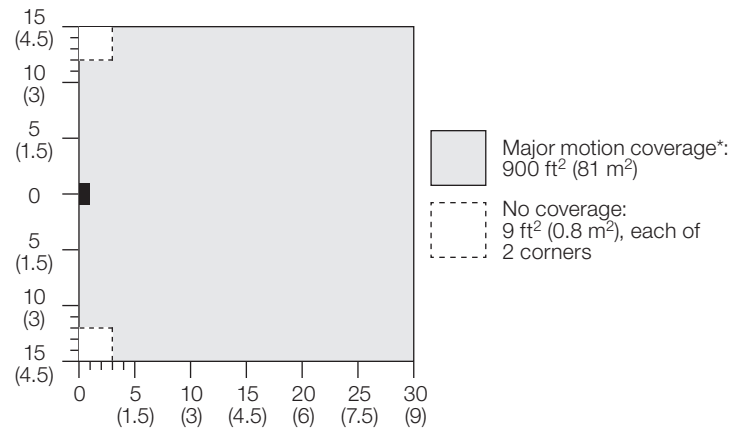
Ceiling sensor LOS-CDT-2000 with L-WIRECAGE-C

Major motion coverage (Ultrasonic)
2048 ft^2 (190.2 m^2)

Major motion coverage (Passive Infrared)
1520.5 ft^2 (141 m^2)

* NEMA WD7 coverage