Ordering information

Model number	Control type
LRF2-OCRB-P-XX	ceiling-mounted occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-VCRB-P-XX[1]	ceiling-mounted vacancy sensor, manual on/auto-off setting only
LRF2-DCRB-WH	ceiling-mounted daylight sensor
LRF2-OWLB-P-WH[2]	180º wall-mounted occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-VWLB-P-WH[1,2]	180º wall-mounted vacancy sensor, manual on/auto-off setting only
LRF2-OKLB-P-WH[2]	90º wall-mounted occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-VKLB-P-WH[1,2]	90º wall-mounted vacancy sensor, manual on/auto-off setting only
LRF2-OHLB-P-WH[2]	hallway occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-VHLB-P-WH[1,2]	hallway vacancy sensor, manual on/auto-off setting only

[1] Vacancy models meet California Title 24 section 119(j) requirements
[2] Available Q2 2010

- Ceiling mount occupancy/vacancy sensor available in the following colors:
  ☐ white (WH) ■ black (BL) ☐ light almond (LA)

Detection range for fine motion (ceiling-mount occupancy/vacancy sensors)

Ceiling height	Maximum room dimensions for complete floor coverage	Square feet
8 ft (2.4 m)	18 × 18 ft (5.5 × 5.5 m)	324 ft^2 (30.2 m^2)
9 ft (2.7 m)	20 × 20 ft (6.1 × 6.1 m)	400 ft^2 (37.2 m^2)
10 ft (3.0 m)	22 × 22 ft (6.7 × 6.7 m)	484 ft^2 (44.9 m^2)
12 ft (3.7 m)	26 × 26 ft (7.9 × 7.9 m)	676 ft^2 (62.4 m^2)

www.lutron.com
World Headquarters 1.610.282.3800
Technical Support Center 1.800.523.9466 (Available 24/7)
Customer Service 1.888.LUTRON1

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NEW

Lutron energy-saving products

Ceiling mount occupancy/vacancy sensor (actual size)

NEW Wall mount occupancy/vacancy sensor (actual size)

NEW Ceiling mount daylight sensor (actual size)

Radio Powr Savr™

Wireless sensor product family

save energy with Lutron™ ®

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What is Radio Powr Savr™?

Radio Powr Savr is a family of wireless occupancy/vacancy sensors and daylight sensors that provide convenient light control and are engineered for optimum energy savings and easy installation. Radio Powr Savr wireless sensors save energy by directing compatible Lutron RF dimmers and switches to reduce lighting levels or turn lights off based on room occupancy/vacancy and available daylight.

Saves energy
• Occupancy/vacancy sensors turn lights off when room is unoccupied—choose a 1-, 5-, 15- or 30-minute time-out based on needs in the space
• Daylight sensors reduce electric lighting or turn lights off when there is enough available daylight to light the space
• Use sensors with dimmers for additional energy savings

Delivers reliable lighting performance
• Exclusive Lutron XCT™ technology in occupancy/vacancy sensors detects fine motions of room occupants
• Clear Connect™ Radio Frequency (RF) technology ensures reliable, consistent RF performance between devices
• Proportional daylight control in daylight sensor provides accurate daylight harvesting
• 10-year battery life

Installs in minutes
• Sensors require no wiring
• Front-accessible buttons make setup easy
• Sensors have simple test modes to verify ideal locations during installation

The technology

Because lighting is a critical building system, the performance of the light control system must be flawless. Lutron-exclusive technologies make Radio Powr Savr™ sensors the best choice for reliability and performance.

XCT™ technology
XCT, exclusively from Lutron, is a new occupancy-sensing technology with a refined sensitivity to detect subtle movements in a space. By detecting fine motions, like typing or reading, XCT ensures the lights operate when the space is occupied.

Clear Connect™ RF technology
Clear Connect is a proprietary wireless protocol, so interference from other devices is nearly impossible. And because each control is uniquely addressed, the risk of interference from other sensors is eliminated. With Clear Connect, the sensors communicate flawlessly, every time.

Wireless sensors in the Radio Powr Savr family communicate directly with the following Lutron lighting controls:

• Maestro Wireless® dimmers and switches
• GRAFIK Eye® QS light control units with wireless technology
• Energi Savr Node™ with QS sensor module (models available for EcoSystem®, SoftSwitch®, and 0–10V applications)

Sensors communicate with up to 10 dimmers and switches. Add up to three occupancy/vacancy sensors per dimmer or switch for maximum coverage.

Note:
Radio Powr Savr sensors are part of a system and cannot be used to control a load without a compatible RF dimming or switching device.

Ceiling mount occupancy/Vacancy sensor:
Diameter: 4.00" (102mm)
Depth: 1.30" (33mm)

Wall mount occupancy/Vacancy sensor:
Width: 1.80" (46mm)
Height: 4.35" (110mm)
Depth: 1.35" (34mm)

Daylight sensor:
Diameter: 1.60" (41mm)
Depth: 0.70" (17mm)