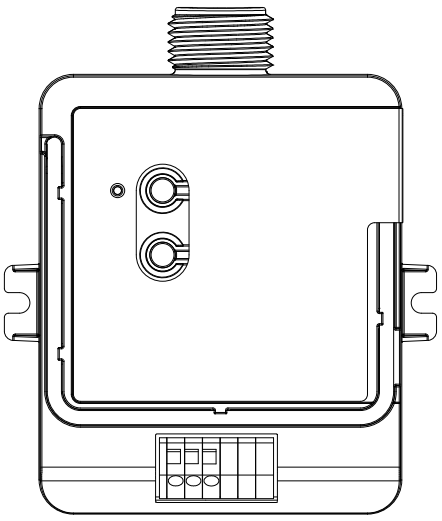
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Vive PowPak Wired Occupancy Transmitter

The PowPak wired occupancy transmitter takes a wired occupancy sensor input and transmits Lutron Clear Connect commands similar to a Radio Powr Savr occupancy sensor. With wired occupancy sensors, it can be used in place of a Radio Powr Savr occupancy sensor to automatically control the lights via RF communication to compatible dimming and switching devices.



RMJS-OT-DV model shown

Features

- Compatible in the following systems:
  - Vive
  - Athena
  - myRoom XC
  - QS standalone
  - Quantum
- For all sensor models, up to three sensors can be connected to the occupancy input using the occupancy signal wire (blue) from the sensor.
- For R sensor models, up to 10 sensors can be connected to the occupancy input using the relay signal wire (blue / white) from the sensor.
- Sensors will act as one functional group. If any one of them becomes “occupied”, an occupancy message will be transmitted. All of the sensors must become “vacant” for a vacancy message to be transmitted.
- Provides power for up to 3 wired occupancy sensors.
  - Additional sensors must be powered with a PP-DV or other power source.
- Can be used as a replacement for WLCU301-CPN6814.

Models

Model Number	Region	Operating Voltage	Frequency Band
RMJS-OT-DV	U.S.A. (BAA Compliant), Canada	120 / 277 V~	431.0 – 437.0 MHz

NOTE: Contact Lutron for frequency band compatibility for your geographic region if it is not indicated above.

Job Name:	Model Numbers:	
Job Number:		

Specifications

Regulatory Approvals

- cULus 508 listed
- FCC certified. Complies with the limits for a Class B device, pursuant to Part 15 of the FCC rules
- Complies with requirements for use in other spaces used for environmental air (plenums) per NEC® 2014 300.22(C)(3)
- IC certified

Power

- Operating voltage: 120/277 V~ 60 Hz

Output Ratings

- IEC SELV/NEC® Class 2
- 24 V⎓ 110 mA for up to 3 devices

Mounting

- This device can be installed on a junction box or marshalling box using the conduit nut or with mounting screws.
- The device must NOT be mounted inside a metallic enclosure – only on the exterior of a junction box, or marshalling box. Improper installation can result in degraded wireless communications and intermittent or sustained communications failures and will not be covered under warranty.
- For applications (in the U.S.A.) where code requires the PowPak wired transmitter to be installed inside an additional junction box, please see Lutron Application Note #423 (P/N 048423) at www.lutron.com for how to perform this installation.
- For all other installations, refer to the installation instructions and consult local and national electric codes for proper installation. The PowPak wired transmitter needs to be accessible for some programming steps. Record where it is mounted so that it can be easily located later.

System Communication

- Operates using Clear Connect-Type A RF Technology for reliable wireless communication
- RF range is 30 ft (9 m)
- Wireless sensors and controls must be located within 60 ft (18 m) line of sight, or 30 ft (9 m) through walls of the associated control module. The 60 ft (18 m) range is not reduced by a ceiling tile obstruction
- Contact Lutron first for applications using foil-backed or metallic ceiling tiles

Environment

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

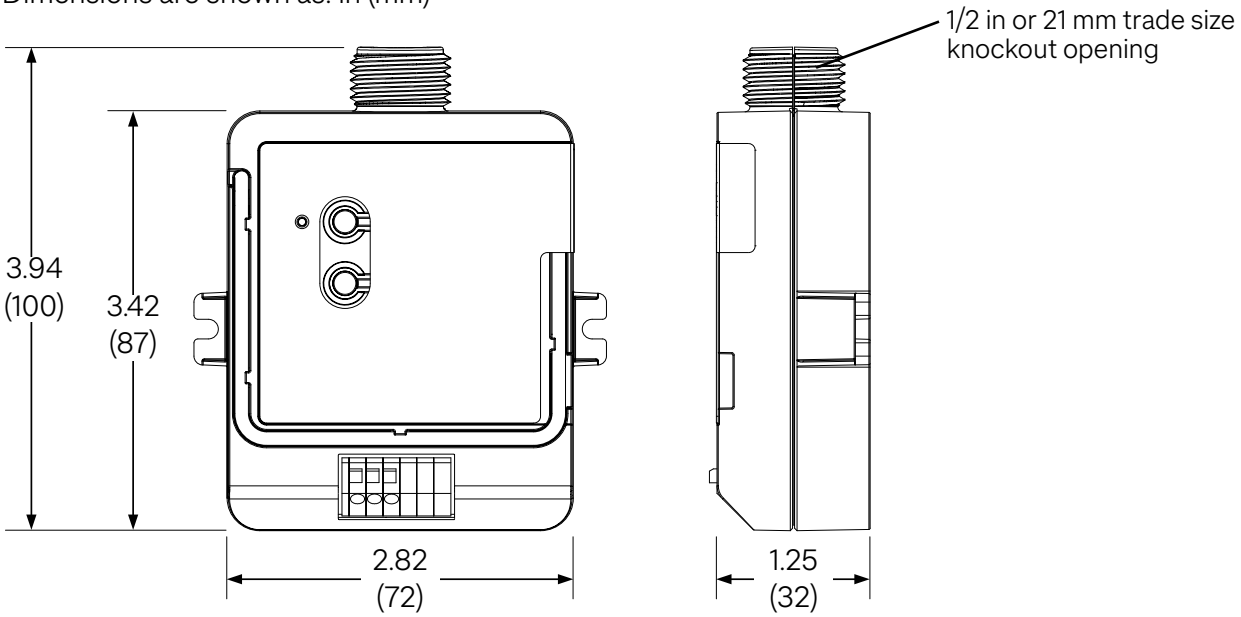
Limited Warranty

- www.lutron.com/warranty or call 1.844.LUTRON1 for a printed copy

Job Name:	Model Numbers:	
Job Number:		

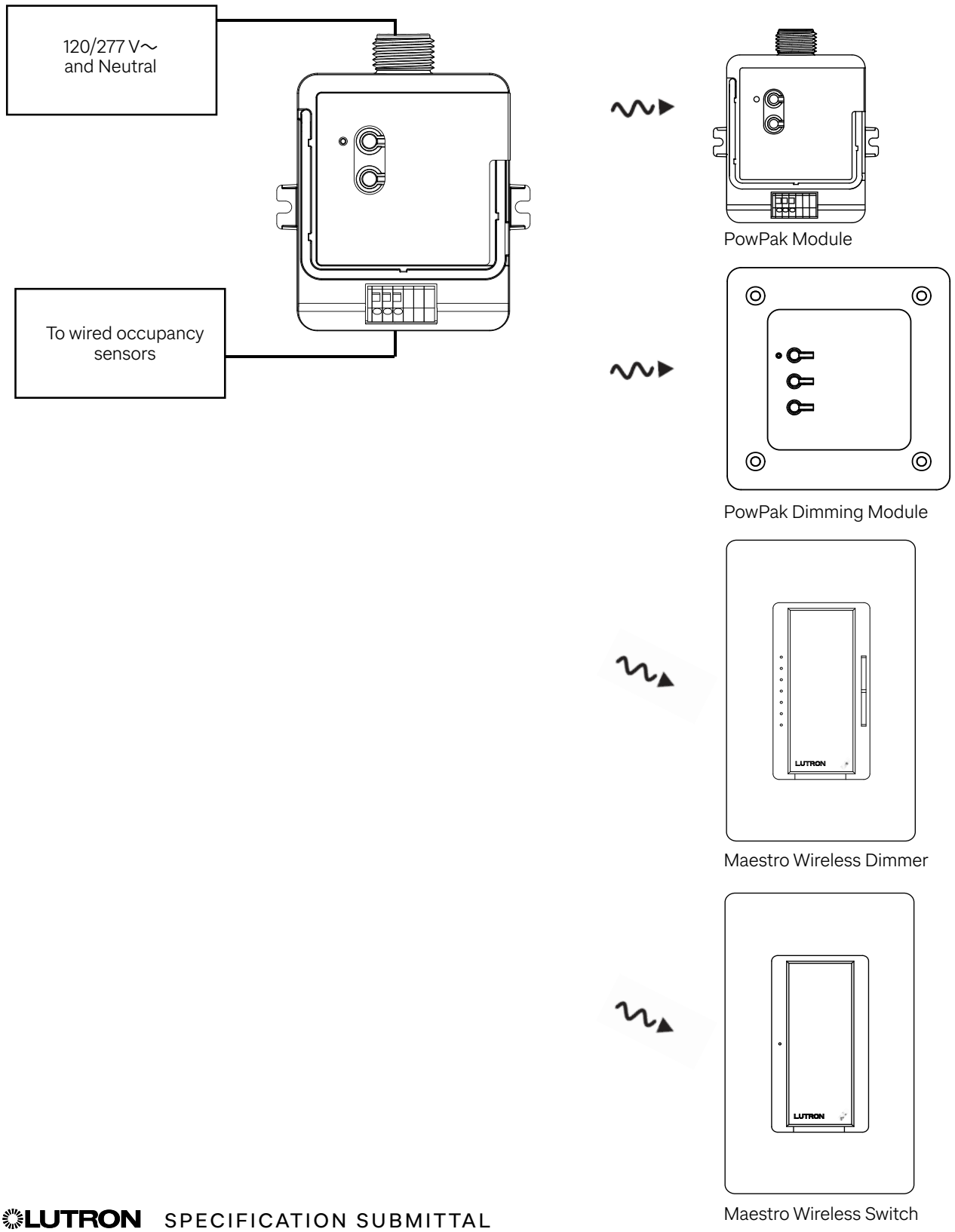
Dimensions

Dimensions are shown as: in (mm)



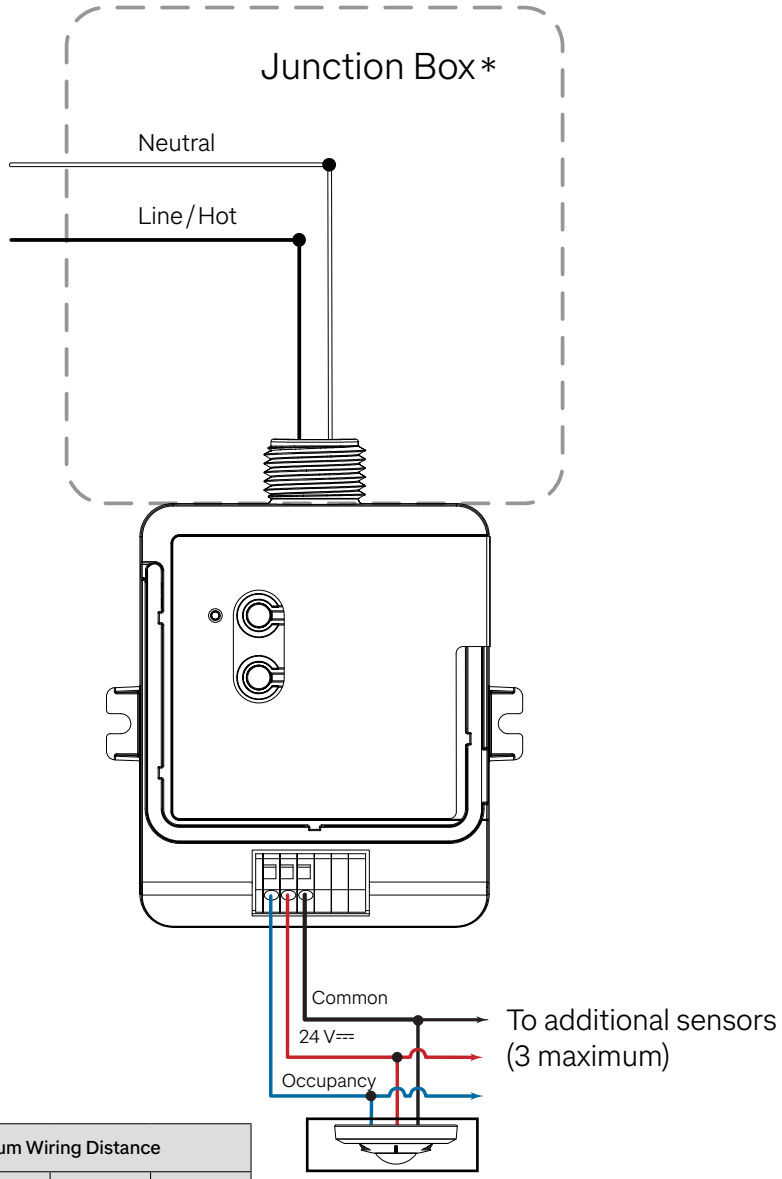
Job Name:	Model Numbers:	
Job Number:		

System Diagram



Job Name:	Model Numbers:	
Job Number:		

Wiring Diagram



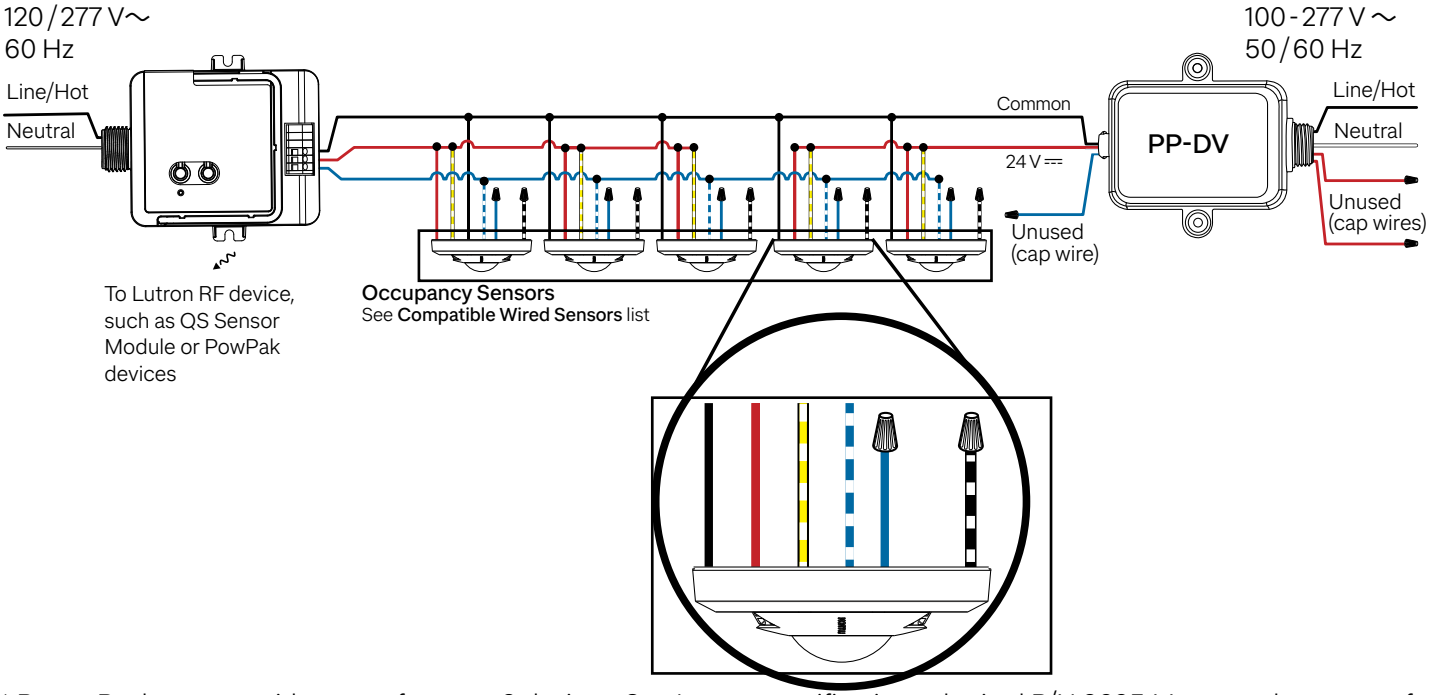
Maximum Wiring Distance			
Number of Sensors	1	2	3
22 AWG (0.25 mm²)	750 ft (230 m)	375 ft (115 m)	250 ft (75 m)
20 AWG (0.5 mm²)	1200 ft (365 m)	600 ft (180 m)	400 ft (120 m)
18 AWG (0.75 mm²)	2400 ft (730 m)	1200 ft (365 m)	800 ft (240 m)

* **NOTE:** The control module mounts to the exterior of a U.S.-style junction box.

Job Name:	Model Numbers:	
Job Number:		

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Connecting More Than 3 Sensors Using R Sensor Models and Power Packs*



* Power Packs can provide power for up to 3 devices. See Lutron specification submittal P/N 369544 at www.lutron.com for more details.

Compatible Wired Sensors

- LOS-CDT-500-WH
- LOS-CDT-500R-WH
- LOS-CDT-1000-WH
- LOS-CDT-1000R-WH
- LOS-CDT-2000-WH
- LOS-CDT-2000R-WH
- LOS-CIR-450-WH
- LOS-CUS-500-WH
- LOS-CUS-1000-WH
- LOS-CUS-2000-WH
- LOS-WDT-WH
- LOS-WDT-R-WH
- LOS-WIR-WH
- LOS2-CDT-WH (including BAA and black color variants)
- LOS2-CDT-R-WH (including BAA and black color variants)
- LOS2-CIR-WH (including BAA and black color variants)
- LOS2-CIR-R-WH (including BAA and black color variants)
- LUT-WSPSM24V-180-CPN6111
- LUT-WSPSM24V-360-CPN6111
- LUT-WSPEM24V-180-CPN6112
- LUT-WSPEM24V-360-CPN6112
- All 24 V⎓ or low-voltage CPN6562 sensors
- GRX-CESO-120 PKG
- GRX-CESO-277 PKG
- GRX-CESI-120 PKG
- GRX-CESI-277 PKG
- GRX-CESA-120 PKG
- GRX-CESA-277 PKG
- GRX-CESS-120 PKG
- GRX-CESS-277 PKG

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All other product names, logos, and brands are property of their respective owners.

Job Name:	Model Numbers:	
Job Number:		