

OCCUPANCY/VACANCY SENSOR

**LSPIRC**

Occupancy/ Vacancy Sensor, Ceiling Mount, PIR



**SPECIFICATIONS**

**Motion Sensing Range:** 500 ft<sup>2</sup> (refer to coverage diagrams in bulletin B2872)

**Time Delay:** 30 Seconds to 30 Minutes (10 Minutes default)

**Mounting Height:** 8-15 feet recommended

**Operating Voltage:** 12-24Vac/dc

**Current Draw:** 2mA

**Output:** Logic High Vdc (Occupied Mode)

**Recommended Power Pack:** LR21BPP5

**Dimensions:** 4.00" Diameter x 1.25" Height(10.16 cm x 3.17 cm)

**Environment:** Indoor use only

32° to 122° F (0° to 50° C)

0-95% relative humidity (non-condensing)

**Code Compliance:** Sensors can be used to meet ASHRAE 90.1, IECC, & Title 24 energy code requirements

**Notes:**

- For installation instructions: [https://www.functionaldevices.com/downloads/bulletins/B2872\\_393312.pdf](https://www.functionaldevices.com/downloads/bulletins/B2872_393312.pdf)
- Occupancy Sensor Functionality only with LR21BPP5. Vacancy incompatible.

**OCCUPANCY SENSOR APPLICATION**

The LR21BPP5 Power Pack can be used to provide power to the LSPIRC and control a lighting load based on the status of the LSPIRC. The white/red and white/black wires of the LR21BPP5 provide 24Vdc power to the red and black wires of the LSPIRC. When occupancy is detected, the LSPIRC will bring the control signal wire to a logic high, switching the lighting load On or Off.

**BASIC WIRING**

