



## LX Series - Networked Lighting Controls

*LX OMNI™ Dual Technology Ultrasonic and Passive Infrared Ceiling Occupancy Sensor featuring IntelliDAPT™*

### KEY FEATURES

- FT-10 and LPT-10 versions available
- Topology-free, polarity-insensitive, 2-wire communication
- IntelliDAPT self-adaptive technology – no manual adjustment required
- All-Digital, dual technology (Ultrasonic [US] and passive infrared [PIR]) sensor
- Sensors can be adjusted remotely from LX Touch Screen Tablet
- Non-volatile memory for sensor settings
- 2000 square feet coverage
- UL and cUL listed
- LonMark® certified
- 5-year warranty



LXOMDT2000



### OVERVIEW

The LX Occupancy Sensor is a LonMark® certified device that represents the state-of-the-art in sensor technology by combining both ultrasonic (US) and passive infrared (PIR) technologies for unequaled occupancy detection and false trip immunity. Both FT-10 and LPT-10 versions are available. The LX Occupancy Sensor features Hubbell Building Automation’s patented IntelliDAPT technology, which makes all the sensor adjustments automatically. Throughout the product’s lifespan, smart software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings. Occupancy sensors with IntelliDAPT provide a maintenance-free “Install and Forget” operation.

### FEATURES and BENEFITS

Features	Benefits
IntelliDAPT technology	<ul style="list-style-type: none"> <li>• Sensor automatically determines the ideal setting for an area</li> <li>• Excellent false trip immunity (for improved accuracy)</li> <li>• No manual sensitivity and timer adjustments required</li> <li>• Provides a maintenance-free “Install and Forget” operation.</li> </ul>
All-digital dual technology (ultrasonic [US] and passive infrared [PIR]) sensor	<ul style="list-style-type: none"> <li>• Superior US minor-motion detection with excellent PIR long-range major-motion detection</li> </ul>
Topology-free, polarity-insensitive, 2-wire communication	<ul style="list-style-type: none"> <li>• Powered: connected devices do not require a separate device-specific power source. Power is supplied by the 2-wire network</li> <li>• Topology-free: connected devices can be run in virtually any topology or mixed (including Star and T configurations)</li> <li>• Polarity-insensitive: connected devices are <i>not</i> sensitive to polarity. This enables contractors to easily install and wire without regard to polarity</li> </ul>
Non-volatile memory for sensor settings	<ul style="list-style-type: none"> <li>• Learned and adjusted settings will not be lost during power outages</li> </ul>

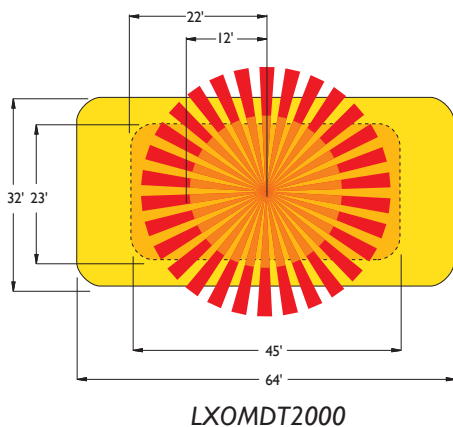
## SPECIFICATIONS

Network Interface	• FTT-10 or LPT-10
IntelliDAPT	• Auto reset from test setting • Self-adjusting timer • Self-adjusting ultrasonic and passive infrared thresholds • Automatic false-on/false-off corrections
LED lamp	• Red—infrared motion • Green—ultrasonic motion
Timer timeout	• Automatic mode: 8-30 min. (self-adjusts based on occupancy) • Test mode: 8 seconds (for an easy check at installation)
Ultrasonic output	• 32kHz
Passive infrared	• Dual element pyrometer; 12-element cylindrical rugged lens
Programming and configuration	• LX mode—programmed over network using the LX Touch Tablet, JENEsys™
Coverage	• 2,000 square feet
Operating environment	• Indoor use only • Operating temperature: 32°–104° F (0°–40° C) • Relative humidity (non-condensing): 0% to 95%
Construction	• Housing—rugged, high-impact, injection-molded plastic KJB ABS Cylolac (UL-945VA) flame class rating, UV inhibitors • Color coded leads are 6" long
Size and weight	• Size: 4.5" diameter, 1.5" height (114 mm diameter, 38mm height) • Weight: 5.0 oz (142g)
Color	• Off white
Mounting	• Mounting base provided with sensor • Recommended MAX Mounting height: 12ft
Certifications	• LonMark 3.3 certified • UL and cUL listed
Warranty	• 5 years

## HOW TO ORDER

Catalog Number	Description	Color	Coverage
LXOMDT2000FT	LX Intelligent Ultrasonic and PIR Occupancy Sensor, FT-10	Off-White	2000 sq. ft.
LXOMDT2000LP	LX Intelligent Ultrasonic and PIR Occupancy Sensor, Link Power	Off-White	2000 sq. ft.

### RANGE DIAGRAMS



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