



Wattstopper®

DLM - PIR Corner Mount Occupancy Sensor

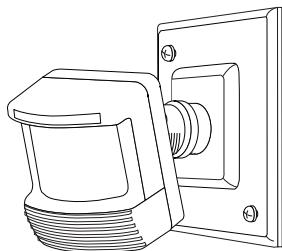
No: 24779 – 08/25 rev. 3

Installation Instructions • Instructions d'Installation • Instrucciones de Instalación

Catalog Number • Numéro de Catalogue • Número de Catálogo: LMPX-100, LMPX-100-1, LMPX-100-3, LMPX-100-4

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China

Models ending in -U are BAA and TAA compliant (Product produced in the U.S.)



This unit is pre-set for Plug n' Go™ operation, adjustment is optional.

For full operational details, adjustment and more features of the product, see the DLM System Guide available at www.legrand.us/Wattstopper.

Applicable regulations, local and NEC codes. Wire connections shall be rated suitable for the wire size (lead and building wiring) employed.

For Class 2 DLM devices and device wiring: To be connected to a Class 2 power source only. Do not reclassify and install as Class 1, or Power and Lighting Wiring.

SPECIFICATIONS

Voltage 24VDC

Current Consumption 7mA

Power Supply Wattstopper Room Controllers

Connection to the DLM Local Network RJ-45 plug

DLM Local Network characteristics:

Low voltage power provided over Cat 5e cable (LMRJ).

Max current: 800mA. Max total cable: 1000' Cable added per device: 150'.

Max loads: 64. Max communicating devices: 24 if all power supplies

are 10X-Series, 48 otherwise. Max 10X-Series power supplies: 5.

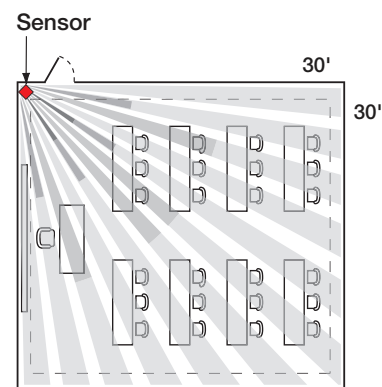
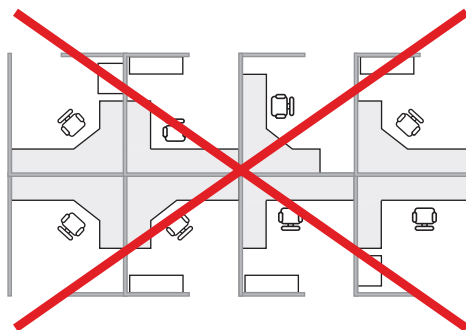
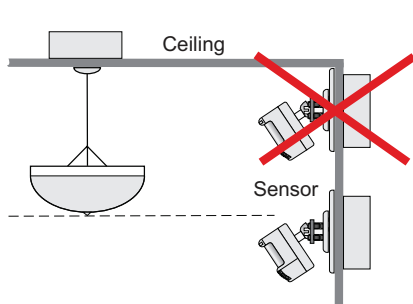
Environment For Indoor Use Only

Operating Temperature 32° to 131°F (0° to 55°C)

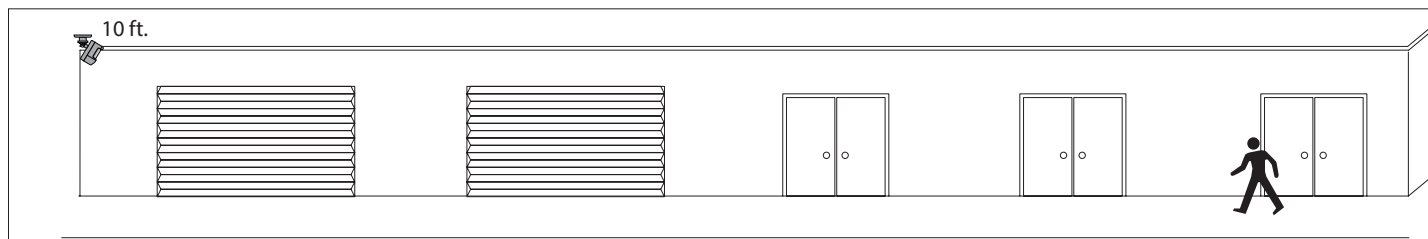
Storage Temperature 23° to 176°F (-5° to 80°C)

Relative Humidity 5 to 95% (non condensing)

SENSOR PLACEMENT

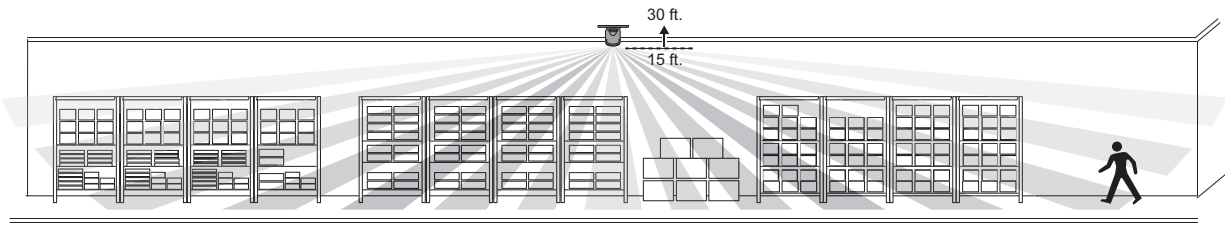


LMPC-100 High Density Lens

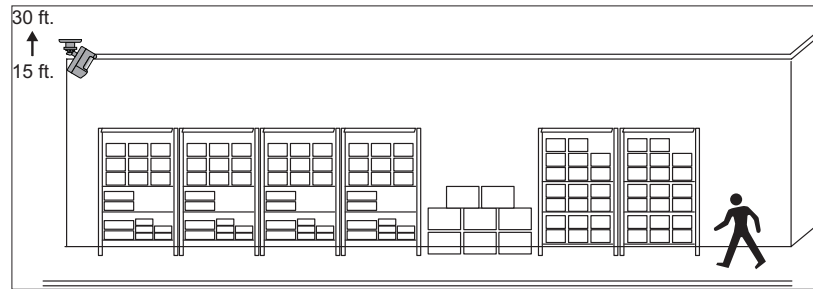


LMPC-100-1 Long Range

SENSOR PLACEMENT



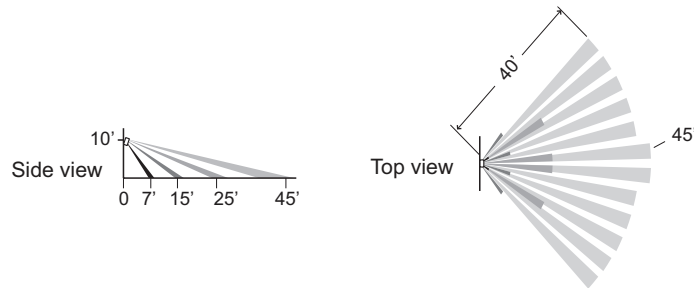
LMPC-100-3 Two-Sided Aisle Lens



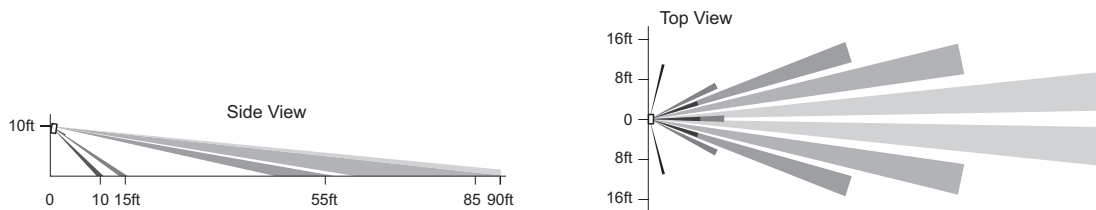
LMPC-100=4 One-Sided Aisle Lens

COVERAGE PATTERNS

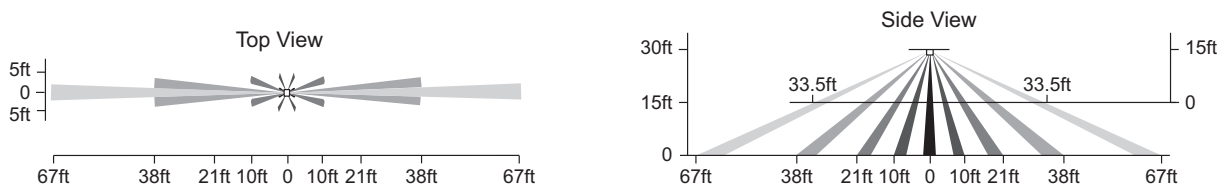
Coverages shown are maximum and represent half-step walking motion.



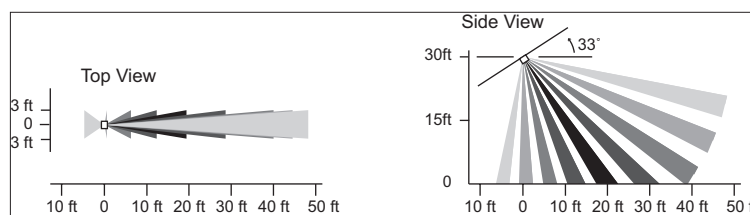
LMPC-100 High Density Lens



LMPC-100-1 Long Range



LMPC-100-3 Two-Sided Aisle Lens



LMPC-100=4 One-Sided Aisle Lens

CONNECTIVITY

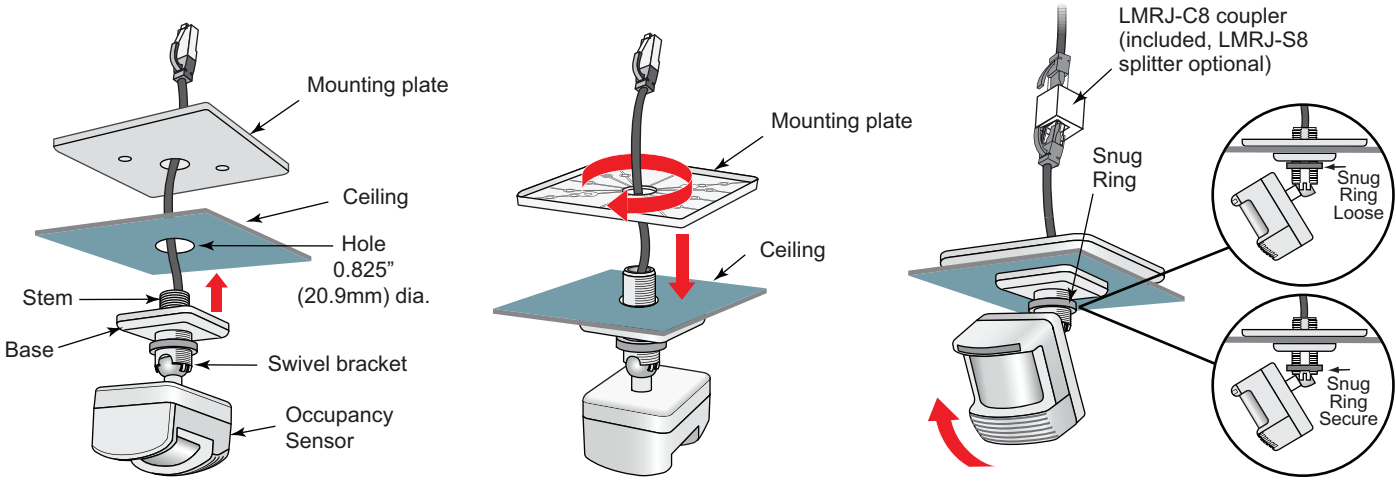
The illustrations below show examples of free-topology wiring. The LMPX-100 communicates to all other Digital Lighting Management devices connected to the low voltage DLM Local Network, regardless of their position on the DLM Local Network.



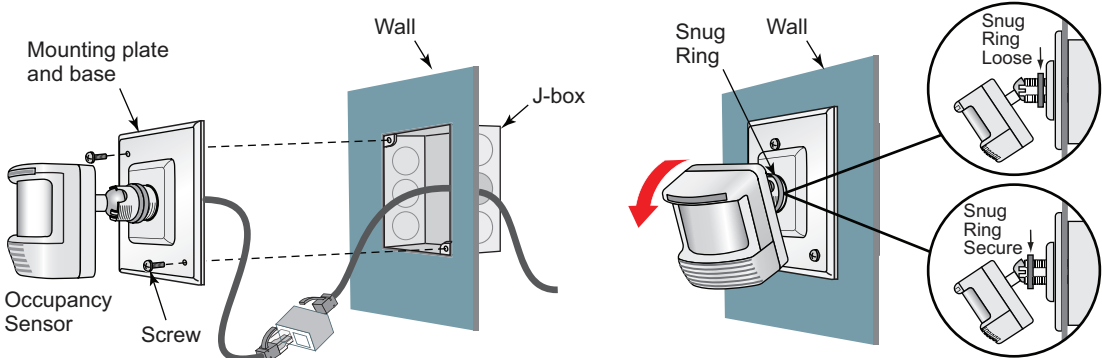
MOUNTING

WARNING: Do Not Install To Cover a Junction Box Having Class 1, 3 or Power and Lighting Circuits.

Through Ceiling Tile:



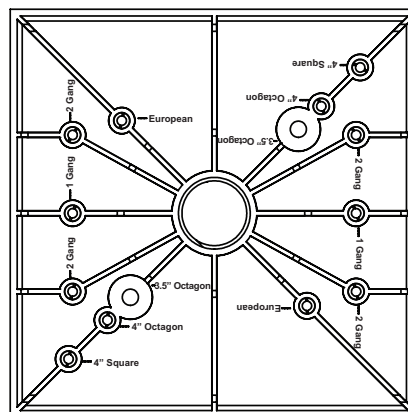
Through Wall:



Mounting Plate Pre-Drilled Hole Sizes

- 2-Gang
- 1-Gang
- 3.5" Octagon
- 4" Octagon
- 4" Square
- European Mount

Back of Plate



FACTORY PRE-SET OPERATION

Sensor Parameters

T-DELAY	Time Delay	20 minutes
	Passive Infrared Sensitivity	90%
WT	Walk-Through	OFF

NOTE: *Auto-OFF is enabled according to the sensor Time Delay when a sensor is bound to the load, regardless of whether the load was turned on automatically with occupancy or manually using a switch.

** Max 8 loads using LMRC-100 series room controllers.

Load Parameters

	 Load 1	 Loads 2-8 or more**	 Plug Load
ON Mode Operation*	AUTO-ON	MANUAL-ON if switch is used. AUTO-ON if switch is not used.	AUTO-ON
Blink Warning	OFF	OFF	OFF
Daylighting	ON	OFF	OFF

TROUBLESHOOTING

Loads do not operate as expected.

LEDs don't light, display is off	1. Check to see that the sensor is connected to the DLM local Network. 2. Check for 24VDC input to the sensor: Plug in a different DLM device at the sensor location. If the device does not power up, 24VDC is not present. • Check the high voltage connections to the room controller. • If high voltage connections are good and high voltage is present, recheck DLM local Network connections between the sensor and the room controller.
The wrong lights are controlled	Configure the sensor to control the desired lights using the Push n' Learn adjustment procedure.
LEDs turn ON and OFF but load doesn't switch	1. Make sure device is not in PnL. 2. Check load connections to room controller.

WARRANTY INFORMATION

INFORMATIONS RELATIVES À LA GARANTIE

INFORMACIÓN DE LA GARANTÍA

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