



# Wattstopper®

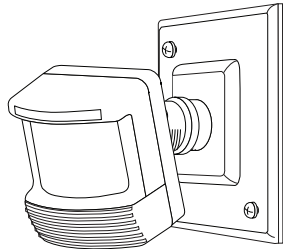
DLM - Occupancy Sensor PIR Corner Mount With Two-Way Aisle Lens

No: 24781 – 09/16 rev. 1

Installation Instructions • Instructions d'Installation • Instrucciones de Instalación

## Catalog Number • Numéro de Catalogue • Número de Catálogo: LMPX-100-3

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China  
LMPX-100-3-U is 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 Installation Guide provided with Wattstopper room controllers, and also available at [www.legrand.us/wattstopper](http://www.legrand.us/wattstopper).

**Installation shall be in accordance with all 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.

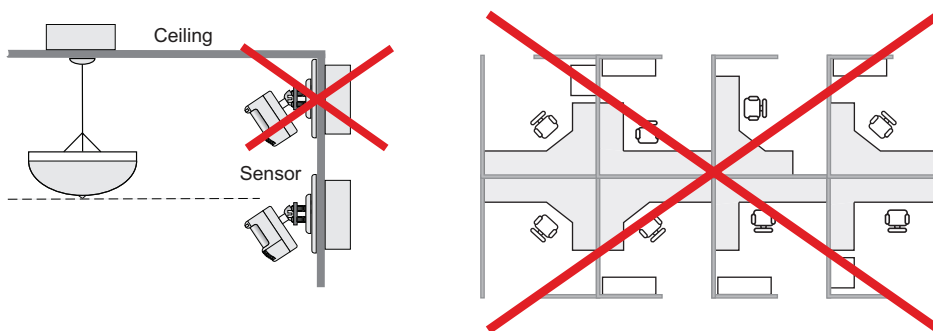
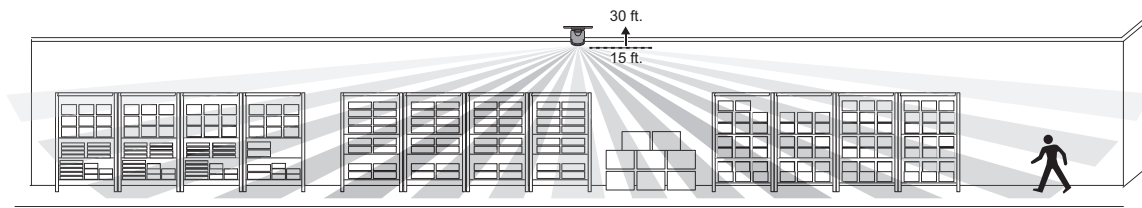
## SPECIFICATIONS

Voltage .....	24VDC
Current Consumption .....	7mA
Power Supply .....	Wattstopper Room Controllers
Connection to the DLM Local Network.....	RJ-45 plug
DLM Local Network characteristics when using LMRC-11x/2xx room controllers:	

Low voltage power provided over Cat 5e cable (LMRJ); max current 800mA. Supports up to 64 load addresses, 48 communicating devices including up to 4 LMRC-10x series and/or LMPL-101 controllers. Free topology up to 1,000' max.

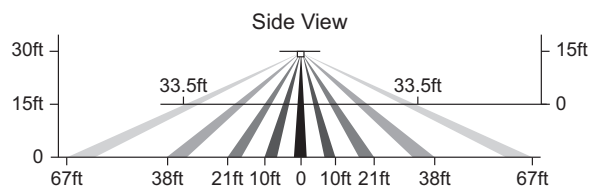
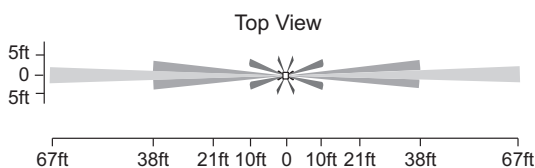
Environment .....	For Indoor Use Only
Operating Temperature .....	32° to 131°F (0° to 55°C)
Storage Temperature .....	23° to 176°F (-5° to 80°C)
Relative Humidity .....	5 to 95% (non condensing)
Patent Pending	

## SENSOR PLACEMENT



## COVERAGE PATTERN

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

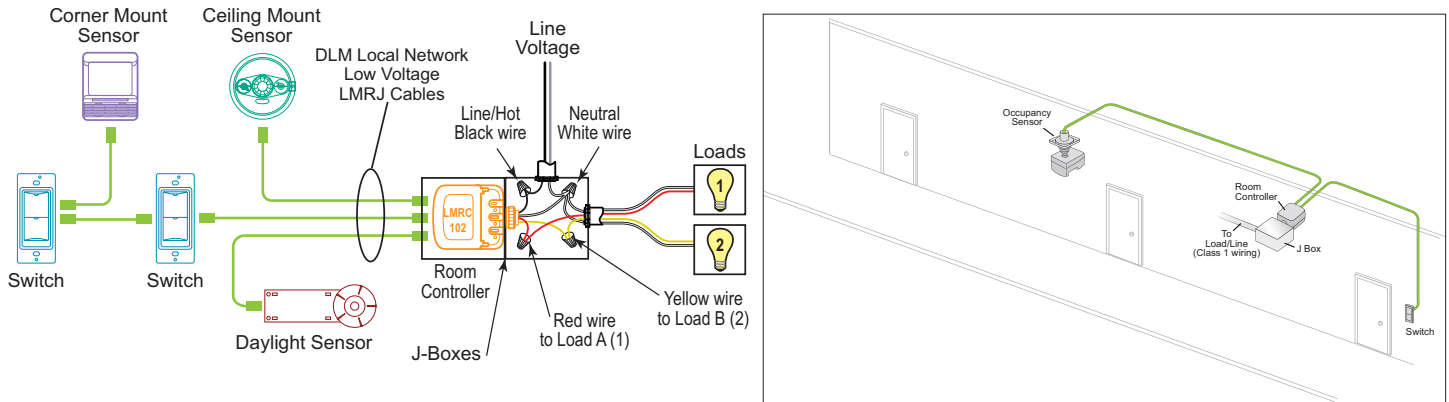


## CONNECTIVITY

The illustrations below show examples of free-topology wiring. The LMPX-100-3 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.



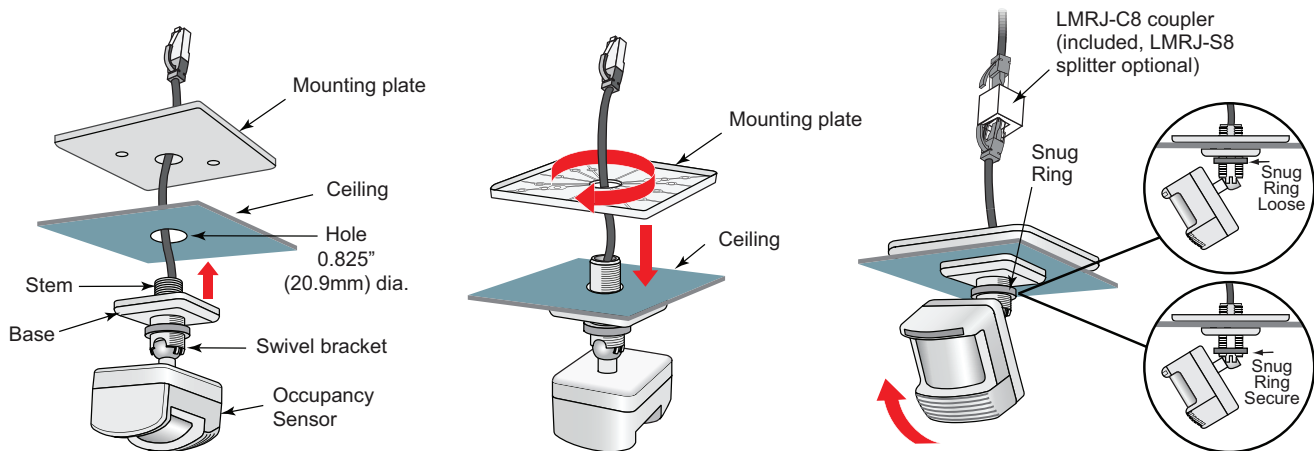
**CAUTION: TO CONNECT A COMPUTER TO THE DLM LOCAL NETWORK USE THE LMCI-100. NEVER CONNECT THE DLM LOCAL NETWORK TO AN ETHERNET PORT – IT MAY DAMAGE COMPUTERS AND OTHER CONNECTED EQUIPMENT.**



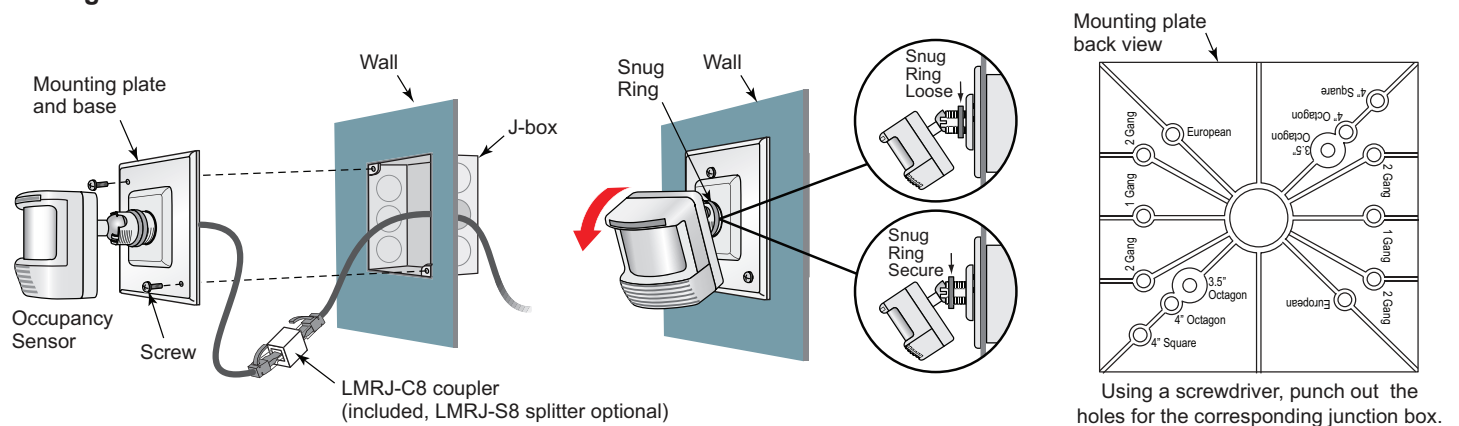
## MOUNTING

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

### Through Ceiling Tile:




### Through Wall:






## FACTORY PRE-SET OPERATION

### Sensor Parameters

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

### Load Parameters

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

## TROUBLESHOOTING

### Loads do not operate as expected.

<b>LEDs don't light, display is off</b>	<ol style="list-style-type: none"> <li>1. Check to see that the sensor is connected to the DLM local Network.</li> <li>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. <ul style="list-style-type: none"> <li>• Check the high voltage connections to the room controller.</li> <li>• If high voltage connections are good and high voltage is present, recheck DLM local Network connections between the sensor and the room controller.</li> </ul> </li> </ol>
<b>The wrong lights are controlled</b>	Configure the sensor to control the desired lights using the Push n' Learn adjustment procedure.
<b>LEDs turn ON and OFF but load doesn't switch</b>	<ol style="list-style-type: none"> <li>1. Make sure device is not in PnL.</li> <li>2. Check load connections to room controller.</li> </ol>

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