



The LMFS-601 is a wireless fixture sensor and controller that is compatible with all Wattstopper wireless DLM devices. The LMFS-601 includes a passive infrared (PIR) occupancy sensor and a closed loop photo sensor. It measures both motion and daylight contribution in order to automatically switch or dim lighting. The LMFS-601 is compatible with DALI drivers and standard 0-10V drivers for dimming and ON/OFF control signaling. It also provides the ability to communicate to other DLM enabled fixtures in the space without any additional equipment.

Features & Benefits

Built-in IPv6 Wireless and Bluetooth® low energy technology provides robust signal strength and reliable communication	Custom programming using DLM Configuration App
Carrier sleeve and snap-in sensor make for quick and easy installation into fixture housing	Low profile design to maintain the fixture aesthetic
Completely scalable fixture level lighting control (LLLC)	PIR Sensitivity: The digital Passive Infrared sensors sensitivity level is adjustable and by default is set at 100% sensitivity.
Daylight Harvesting and Daylight Zones: By default, the daylight functionality within the LMFS-601 is disabled.	Grouping: In addition to simple room creation, custom groups can be created within the App to meet advanced energy code sequence of operations.

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Glossy	UPC Number	754182947447
Country Of Origin	China	Product Series	LMFS-601
Features	Adjustable Time Delay, Daylight Harvesting, Flame Retardant, High/Low Trim, Impact Resistant, Light Level Sensor, Sensitivity Adjustment, UV Resistant	Installation Location	Fixture
Included	Lens	Application Sector	Commercial

Standard	UL, cUL, E101196, UL 2043, UL 60730, RoHS, IP20 Rated, IK05 Rated	Warranty Type	5-Year
Type	Sensor		
Dimensions			
Product Width US	1.2 in	Product Weight US	0.4 oz
Product Volume US	2.3 cu in	Product Depth US	1.2 in
Product Height US	1.6 in		
Technical Information			
Operating Temperature Min	32 °F	Timer Type	Digital
Compatibility	Bluetooth, DLM Wireless (IPv6), LMFI-111	Antenna Gain	8 dBi
Has Battery	No	Sensor Coverage Pattern	360 deg
Security Method	Data Encryption	Sensor Type	Daylight, Occupancy
Frequency Band	2.4 GHz	Operating Temperature Max	149 °F
Sensor Mounting Height	8-12 ft	Number of Buttons	0
Wireless Range	Bluetooth, up to 30 ft, IPv6 6LoWPAN, up to 100 ft	Sensor Technology	Passive Infrared (PIR), Photosensor
Timer Duration	5-30 Minutes	Topology	Wireless Mesh
Indicator	PIR Detection LED	Antenna	Integrated, Internal
Input Voltage	12 to 20 VDC	Indoor/Outdoor	Indoor
Sensor Coverage	300 sq ft	Mounting Type	Fixture Embedded, Threaded Collar
On Function	Auto On	Current Draw	16 mA

Operating Temperature	0°-65°C, 32°-149°F	Operating Humidity	0-90% RH (Non-Condensing)
Sensing Range	20 ft diameter	Wire Connection Type	Wire Terminal
Antenna Pattern	Omni-directional	Engraving Type	Blank
Encryption	AES 128-bit	Storage Temperature	23° - 140° F, -5° - 60° C