



**Wattstopper**  
**DLM Photosensor, Closed Loop Single Zone, USA**  
Part No. LMLS-400-U



The LMLS-400 is a closed loop photosensor that measures the ambient light level in order to automatically switch or dim one zone of lighting. It is part of a Digital Lighting Management (DLM) system and sends light level signals to control loads connected to DLM on/off or dimming room controllers. The LMLS-400 has a photodiode with an extended range of 1-1,553 footcandles (fc), and photopic correction to mimic the human eye, for precise measurement of visible light.

## Features & Benefits

Daylight responsive on/off, bi-level, tri-level or dimming control for one lighting zone

Extended tube model accommodates thicker ceiling materials

100 degree spatial response for optimal detection of ambient light level

Automatic calibration and configuration; optional hold off setting to maximize energy savings

Photodiode corrected to match the photopic response of the human eye

Can be calibrated in any daylight condition

## Specifications

### General Info

Product Line	Wattstopper	Color	White
Finish	Glossy	UPC Number	754182927814
Country Of Origin	United States	Product Series	LMLS
Features	Fits Ceiling Tiles from 0-5/8 in, Single Zone	Installation Location	Ceiling
Application Sector	Commercial	Standard	RoHS, UL, FCC part 15, BAA
Warranty Type	5-Year	Type	Sensor

### Dimensions

Product Width US	3.99 in	Product Weight US	1.296 lb
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Product Volume US	9.65 cu in	Product Depth US	1.495 in
Product Height US	1.618 in		
Technical Information			
Operating Temperature Min	32 F	Compatibility	DLM Wired, Infrared Wireless
Has Battery	No	Control Algorithm	Closed Loop
Sensor Coverage Pattern	100 deg	Sensor Type	Daylight
Operating Temperature Max	131 F	Sensor Technology	Photosensor
Topology	Free Topology	Connector Type	RJ-45
Input Voltage	24 VDC	Indoor/Outdoor	Indoor
Mounting Type	0.9 in Knockout	Current Draw	7 mA
Operating Temperature	32°-131°F	Operating Humidity	5-95% RH (Non-Condensing)
Sensing Range	1-1553 fc	Storage Temperature	23° - 140° F