



Wattstopper Closed Loop Single Zone DLM photosensor

Part No. LMLS-400



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.

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	Gloss	UPC Number	754182928910
Country Of Origin	China	Material	ABS
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	Warranty Type	5-Year
Type	Sensor		

Dimensions

Product Width US	3.99 in	Product Weight US	1.296 oz
Product Volume US	9.65 cu in	Product Depth US	1.495 in
Product Height US	1.618 in		

Additional Information

RoHS Compliant	Yes	Security	Yes
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Technical Information

Operating Temperature Min	32 °F	Compatibility	DLM Wired, Infrared Wireless
Has Battery	No	Control Algorithm	Closed Loop
Sensor Coverage Pattern	100 °	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