



Wattstopper
DLM Open Loop Multi Zone Dimming, On/Off Photosensor, USA
Part No. LMLS-500-U



The LMLS-500 is an open loop, multi-zone photosensor that measures the daylight contribution in order to automatically switch or dim up to three zones 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-500 has a photodiode with an extended range of 1-6,553 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 up to three lighting zones

60 degree spatial response for optimal detection of daylight contribution

Photodiode corrected to match the photopic response of the human eye

Extended tube model accommodates thicker ceiling materials

Automatic setpoint recommendations; optional hold off setting to maximize energy savings

Can be calibrated in any daylight condition

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Glossy	UPC Number	754182927821
Country Of Origin	United States	Product Series	LMLS
Features	Fits Ceiling Tiles from 0-5/8 in, Up to 3 Zones	Installation Location	Ceiling
Application Sector	Commercial	Standard	RoHS, UL, FCC part 15, BAA
Warranty Type	5-Year	Type	Sensor

Dimensions

Product Width US	3.0 in	Product Weight US	0.25 lb
------------------	--------	-------------------	---------

Product Volume US	26.03 cu in	Product Depth US	2.95 in
-------------------	-------------	------------------	---------

Product Height US	2.36 in
-------------------	---------

Technical Information

Operating Temperature Min	32 F	Compatibility	DLM Wired, Infrared Wireless
---------------------------	------	---------------	---------------------------------

Has Battery	No	Control Algorithm	Open Loop
-------------	----	-------------------	-----------

Sensor Coverage Pattern	60 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	1-1500 fc	Storage Temperature	23° - 140° F
---------------	-----------	---------------------	--------------
