Wattstopper®

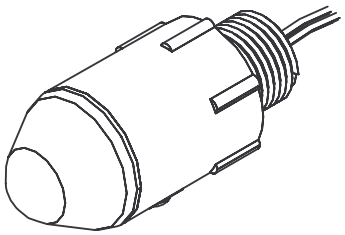
DLM Skylight Photocell

No: 24817 – 03/25 rev. 3

Installation Instructions • Instructions d'Installation • Instrucciones de Instalación

Catalog Number • Numéro de Catalogue • Número de Catálogo: LMPS-6000

Country of Origin: Made in United States • Pays d'origine: Fabriqué en États-Unis • País de origen: Hecho en Estados Unidos



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.

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:

Footcandle range LMPS-6000 .....24 - 6000 fc
Calibration ..... None, controlled by system software
Input voltage.....24VDC
Sensor output.....1-10VDC
Peak current.....4.5 mA Maximum
Slew rate ..... 1 minute full scale response time filter
Operating temperature ..... -40°F to 140°F (-40°C to 60°C)
Wire color code
- Red .....Input Voltage +24 VDC
- Black ..... Input Return/Output Common
- Yellow .....1-10VDC Output Signal

Housing
- UV stabilized plastic with dome lens

Mounting.....½" NPT x .69" stem
- Overall dimensions.....2.55"L x 1.28"D

DESCRIPTION

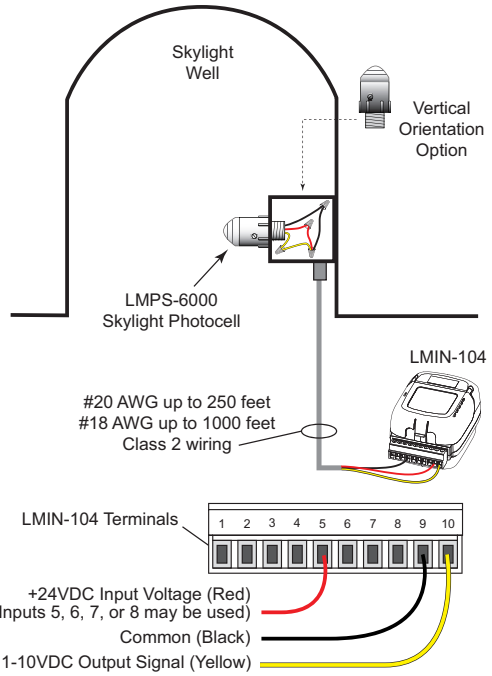
The LMPS-6000 is a daylight sensor specifically designed to be used in conjunction with an LMIN-104 Digital Interface Module. The LMIN-104 converts the 10 VDC signal from the photocell sensor to a digital signal that is shared across the DLM Local Network. The signal is forwarded as a BACnet object via a DLM network bridge to the segment network for load control via a DLM segment manager or BACnet compatible Building Automation System (BAS).

INSTALLATION

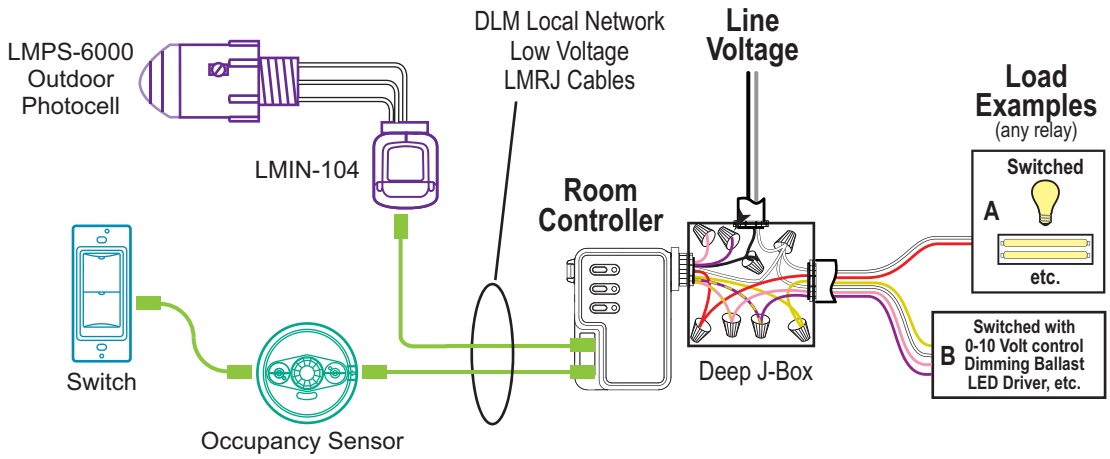
Install the sensor on the side wall of the skylight well as shown in the Wiring diagram. The sensor housing is equipped with a ½" NPT nipple and will thread into any suitable box or fitting, or mount into a ½" knockout. This sensor is also suitable for use in atrium or clerestory applications where high sunlight levels are common.

WIRING

Connect the sensor to the LMIN-104 as shown.



DLM SYSTEM CONNECTION



MAINTENANCE

At least once every two months wipe the lens clean with a non-scratching clean cloth. Check the housing for damage, and be certain that no moisture has penetrated the sensor, as this will likely render it inoperable.

WARRANTY INFORMATION

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