

LEVITON UPB™ LAMP MODULE

Cat. No. 59A00-1
Installation Instructions



DI-022-HL591-05A (59A00-1)

INSTALLATION

ENGLISH

WARNINGS AND CAUTIONS

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.
- The Leviton UPB™ Lamp Module is for use with incandescent or halogen loads only.

WARNINGS AND CAUTIONS

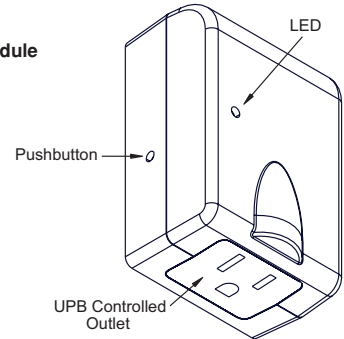
- To reduce the risk of overheating and possible damage to other equipment, when configured as dimming-capable, do not use to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.
- Use this device with **copper or copper-clad wire only**.
- For indoor use only.
- **SAVE THESE INSTRUCTIONS.**

Leviton UPB™ Lamp Module Overview

The Leviton UPB™ Lamp Module (**Figure 1**) is a plug-in dimmer that incorporates the UPB™ two-way powerline communication technology, which gives it the ability to be remotely controlled by UPB™ compatible controllers. The Lamp Module has one UPB™ controllable outlet that can sense the lamp's local on/off switch to turn the lamp on even after it was turned off using UPB™ control. The Leviton UPB™ Lamp Module is also capable of transmitting UPB™ messages (including current light level) when the local lamp switch is used to turn the lamp on.

Each lamp module can be configured to custom fit an individual's lifestyle and desires. The Leviton Lamp Module is capable of storing up to 16 preset light levels and fade rates to create powerful lighting scenes. The Leviton Lamp Module is capable of being set to a non-dimming mode in order to control such loads as fluorescent lights.

FIGURE 1 – Leviton UPB™ Lamp Module



INSTALLATION INSTRUCTIONS

The Leviton UPB™ Lamp Module is simply plugged into a standard 120VAC wall outlet.

Load Information

The total load of the UPB™ controlled outlet must not exceed 300 Watts.

LEVITON LAMP MODULE OPERATION

The Leviton Lamp Module has many configurable items that can be set using the UPB™ UPStart configuration software. The following describes the operation of the Leviton Lamp Module in its factory default configuration.

Lamp Switch Trigger Operation

The Lamp Module can be configured to sense the lamp's local on/off switch to turn the lamp on even after it was turned off via UPB™ control. By default, the Lamp Module has the lamp switch trigger operation enabled.

NOTE: This feature may not work for all types of loads (i.e. fluorescent lighting loads) and may have to be disabled.

LED Indicator

The Leviton UPB™ Lamp Module comes equipped with a multi-color LED indicator that is normally lit to blue when the load is off. The LED will turn off when the load is turned on or set to any level 1-100%.

Setup Mode

To configure the Leviton UPB™ Lamp Module using an Leviton controller or a PC running the UPB™ UPStart configuration software, it must be put into Setup Mode as follows:

Step	Operation
1	Press the pushbutton switch quickly 5 times
2	The Leviton UPB™ Lamp Module will flash the lighting load one time and blink its LED blue to indicate that it is in Setup Mode. NOTE: the lamp module will automatically exit Setup mode after 5 minutes.

Test Mode

The Lamp Module's controlled outlet can be tested using its Test Mode. The Lamp Module can be put into Test Mode by the following steps:

Step	Operation
1	Press and hold the pushbutton for at least 3 seconds to enter Test Mode
2	The Leviton UPB™ Lamp Module will continuously flash its LED magenta to indicate that it's in Test Mode. NOTE: the lamp module will automatically exit Test Mode after 5 minutes.
3	Press the pushbutton 1 time to turn the UPB™ controlled outlet on and off
4	Press and hold the pushbutton for at least 3 seconds to exit Test Mode

Reset to Factory Default Settings

To reset the Leviton UPB™ Lamp Module to factory default settings:

Step	Operation
1	On the Leviton UPB™ Lamp Module that you want to reset to factory defaults, press the pushbutton switch quickly 5 times.
2	The Leviton UPB™ Lamp Module will flash the lighting load one time and blink its LED blue to indicate that it is ready to be set to factory defaults.
3	Press the pushbutton switch quickly 10 times to reset to factory default setting.
4	The Leviton UPB™ Lamp Module will flash the lighting load one time and blink its LED red to indicate that it has been reset.
5	Press the pushbutton switch once more to stop the LED from blinking.

SPECIFICATIONS

Incandescent Loads Dimming	Yes
Inductive Loads Dimming	No
Fluorescent Loads Non-Dimming	Yes (configurable)
Power Maximum Dimming	300W
Current Maximum Non-Dimming	2.5A
Connections	Standard receptacle
LED Indicator	Yes
Dimensions	3" x 2" x 1.3"
Weight	0.25 lb.
Mounting	Plug-in
Input Power	120 ± 12 VAC
Input Frequency	60 ± 3 Hz
Operating Temperature	-40 °F to 104 °F

WEB VERSION

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.

LEVITON LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that products manufactured by Leviton under the Leviton brand name ("Product") will be free from defects in material and workmanship for the time periods indicated below, whichever is shorter: • **OmniPro II and Lumina Pro:** three (3) years from installation or 42 months from manufacture date. • **OmniLT, Omni Ile, and Lumina:** two (2) years from installation or 30 months from manufacture date. • **Thermostats, Accessories:** two (2) years from installation or 30 months from manufacture date. • **Batteries:** Rechargeable batteries in products are warranted for ninety (90) days from date of purchase. **Note:** Primary (non-rechargeable) batteries shipped in products are not warranted. **Products with Windows® Operating Systems:** During the warranty period, Leviton will restore corrupted operating systems to factory default at no charge, provided that the product has been used as originally intended. Installation of non-Leviton software or modification of the operating system voids this warranty. Leviton's obligation under this Limited Warranty is limited to the repair or replacement, at Leviton's option, of Product that fails due to defect in material or workmanship. Leviton reserves the right to replace product under this Limited Warranty with new or remanufactured product. **Leviton will not be responsible for labor costs of removal or reinstallation of Product.** The repaired or replaced product is then warranted under the terms of this Limited Warranty for the remainder of the Limited Warranty time period or ninety (90) days, whichever is longer. This Limited Warranty does not cover PC-based software products. **Leviton is not responsible for conditions or applications beyond Leviton's control. Leviton is not responsible for issues related to improper installation, including failure to follow written installation and operation instructions, normal wear and tear, catastrophe, fault or negligence of the user or other problems external to the Product.** To view complete warranty and instructions for returning product, please visit us at www.leviton.com.

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