WARNINGS & CAUTIONS
• **TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring, servicing fixture or changing lamps.
• To be installed and/or used in accordance with appropriate electrical codes and regulations.
• If you are not sure about any part of these instructions, consult an electrician.
• The controller operates off of low voltage (24VDC). When replacing a light switch, consult local building codes and regulations for proper low voltage installation.
• The cable should not pass near any source of electrical noise or interface such as fluorescent circuits or motor wiring.
• Close proximity to any AC wiring should be avoided.
• All analog wiring shall be in it’s own conduit.
• Any wire type capable of carrying the required voltage and current may be used.
• Observe standard voltage drop calculations to ensure that no less than +10 volts are received by the station. Less than +10V and the LED’s will not be bright enough to be seen or if voltage is quite low, may not light at all.

**DESCRIPTION**
The LV240 lighting controller is a Decora® style device for controlling non-dimmable and dimmable luminaires connected to the miniZ Intelligent Daylight Management System. The LV240 provides a control station in a simple 2-button configuration. The device fits a standard wall box and comes in white with a matching wall plate. As this is an analog system, any system topology is allowed. The Locator LED is illuminated when it is connected to +24VDC.

**Electrical requirements**
- **Input Voltage:** 24VDC
- **Input Current:** 24mA

**Environmental**
- **Operating Temperature Range:** 0° C to 55° C
- **Relative Humidity:** 20% to 90% non-condensing

**WIRING**

**Terminal Connection for miniZ**
- +V to miniZ ON
- +V to miniZ OFF
- +24VDC
- Pilot
- Common only if LED feedback is desired
- +V, when +V Location LED illuminates
- Jumper installed

**Terminal Connection for Z-MAX**
- +V to Z-MAX “IN”
- No connection
- +24VDC to Z-MAX “OUT”
- Common only if LED feedback is desired
- +V, when +V Location LED illuminates
- Jumper installed
**INSTALLATION**

1. If using a Decora Plus screwless wall plate, remove the center tabs from the device as shown in the figure.
2. Terminate the wiring to the appropriate terminals on your low voltage switch as is required for your application.
3. When all wires have been terminated, gently stuff the wires back into the junction box in the wall.
4. Securely mount the station to the wall using the provided screws.
5. Mount the wall plate to the station.

All System Programming, individual switch configuration, and other device configuration options is performed at the device to which your switch is connected.

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**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.

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**LIMITED 2 YEAR WARRANTY AND EXCLUSIONS**
Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for two years from the purchase date. Leviton’s only obligation is to correct such defects by repair or replacement, at its option. **For details visit www.leviton.com or call 1-800-824-3005.** This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. **There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to two years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.**

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For Technical Assistance Call: 1-800-824-3005 (U.S.A. Only) www.leviton.com

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