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 its 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 +20 volts are received by the station.

INSTALLATION INSTRUCTIONS

DESCRIPTION

The LV230 Lighting Controller is a Decora® style low voltage device for controlling lighting connected to the miniZ Intelligent Daylight Management System. The Controller has separate ON, OFF, BRIGHT and DIM buttons to provide simple control of your lighting system. 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.

Electrical requirements

Input Voltage: 24VDC
Input Current: 20mA

Environmental

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

INSTALLATION

1. Terminate the wiring to the appropriate terminals on your low voltage switch as is required for your application.
2. When all the wires have been terminated, gently stuff the wires back into the junction box in the wall.
3. Securely mount the station to the wall using the provided screws.
4. Mount the wall plate to the station.

MOUNTING

NOTE: Dress wires with a bend to relieve stress.

WIRING

Terminal Connection for miniZ

Yellow (+V to miniZ ON)
Blue (+V to miniZ ON)
Red (+24 VDC)
Black (Common)
All System Programming, individual switch configuration, and other device configuration options are performed at the device to which your switch is connected.

**NOTE:** The locator LED will illuminate in the OFF position to facilitate access in the dark.

**ON/OFF:**
- Depress push-button switch to ON position - Lights will turn ON.
- Depress push-button switch to OFF position - Lights will turn OFF.

**BRIGHTEN & DIM:**
- Move slider control lever - Lights will BRIGHTEN or DIM.

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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](http://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](http://www.leviton.com)

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