

# LightMaster Series

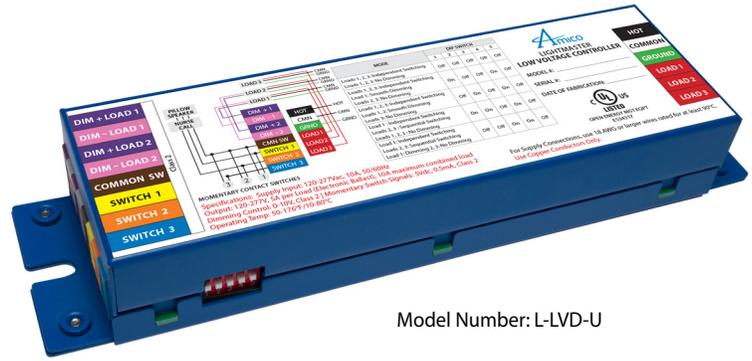
## Low Voltage Controller with Dimming

### Description:

The LightMaster Low Voltage Controller is designed to allow users to operate high voltage lights found in healthcare facilities using a low voltage device such as a keypad or pillow speaker. The LightMaster Low Voltage Controller can be used and is compatible with all nurse call systems and low voltage momentary contact switches.

### Features:

- Controls up to three (3) light functions in the room
- Compatible with nurse call systems used today
- Universal input voltage of 120 – 277 VAC
- Color coded push in connectors for ease of connectivity
- Compact design
- Up to two loads have 0 - 10V dimming capability
- Can be used with florescent and LED light sources
- Five (5) modes of operation
- UL Listed



Model Number: L-LVD-U

### Specifications:

**Supply Input:** 120 - 277 Vac, 10A, 50/60Hz

**Output:** 120 - 277 Vac, 5A per load, 10A Max Combined Load

**Dimming Control:** 0-10V, Class 2

**Operating Temperature:** 50°F to 176°F (10°C to 80°C)

**Momentary Switch Signals:** 5vdc, 0.5mA, Class 2

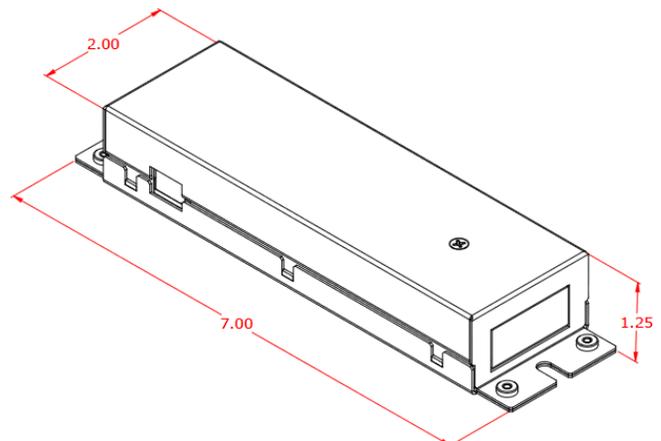
**Dimensions:** (L) 7" x (W) 2" x (H) 1 ¼"

**Surge Protection:** Tested to IEC 61000-4-2 electrostatic discharge immunity, IEC 61000-4-4 fast transient/burst immunity, IEC 61000-4-5 surge immunity.

**Listings:** UL Listed as per UL 916 and CSA C22.2 No. 205-17

**Warranty:** Limited five (5) year warranty

### Dimensions:



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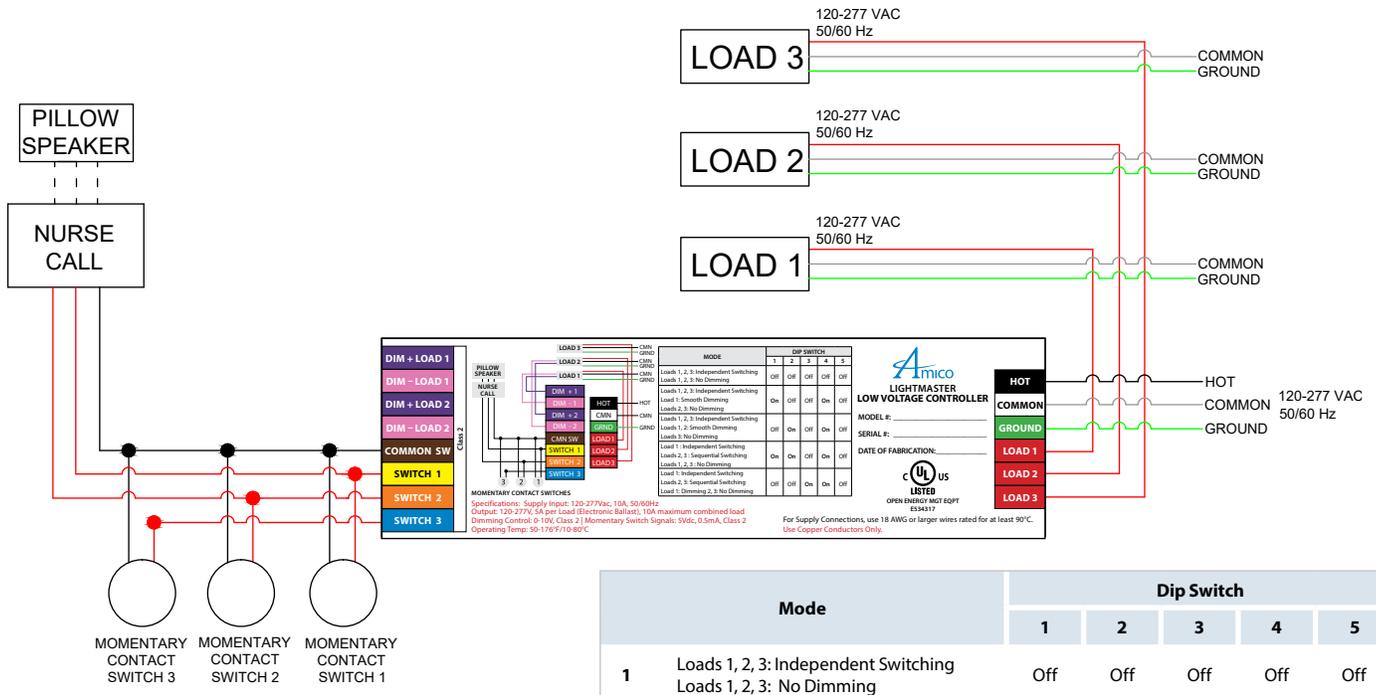
### Mode Chart:

Mode	Dip Switch				
	1	2	3	4	5
<b>1</b> Loads 1, 2, 3: Independent Switching Loads 1, 2, 3: No Dimming	Off	Off	Off	Off	Off
<b>2</b> Loads 1, 2, 3: Independent Switching Load 1: Smooth Dimming Loads 2, 3: No Dimming	On	Off	Off	On	Off
<b>3</b> Loads 1, 2, 3: Independent Switching Loads 1, 2: Smooth Dimming Loads 3: No Dimming	Off	On	Off	On	Off
<b>4</b> Load 1: Independent Switching Loads 2, 3: Sequential Switching Loads 1, 2, 3: No Dimming	On	On	Off	On	Off
<b>5</b> Load 1: Independent Switching Loads 2, 3: Sequential Switching Load 1: Dimming 2; 3: No Dimming	Off	Off	On	On	Off

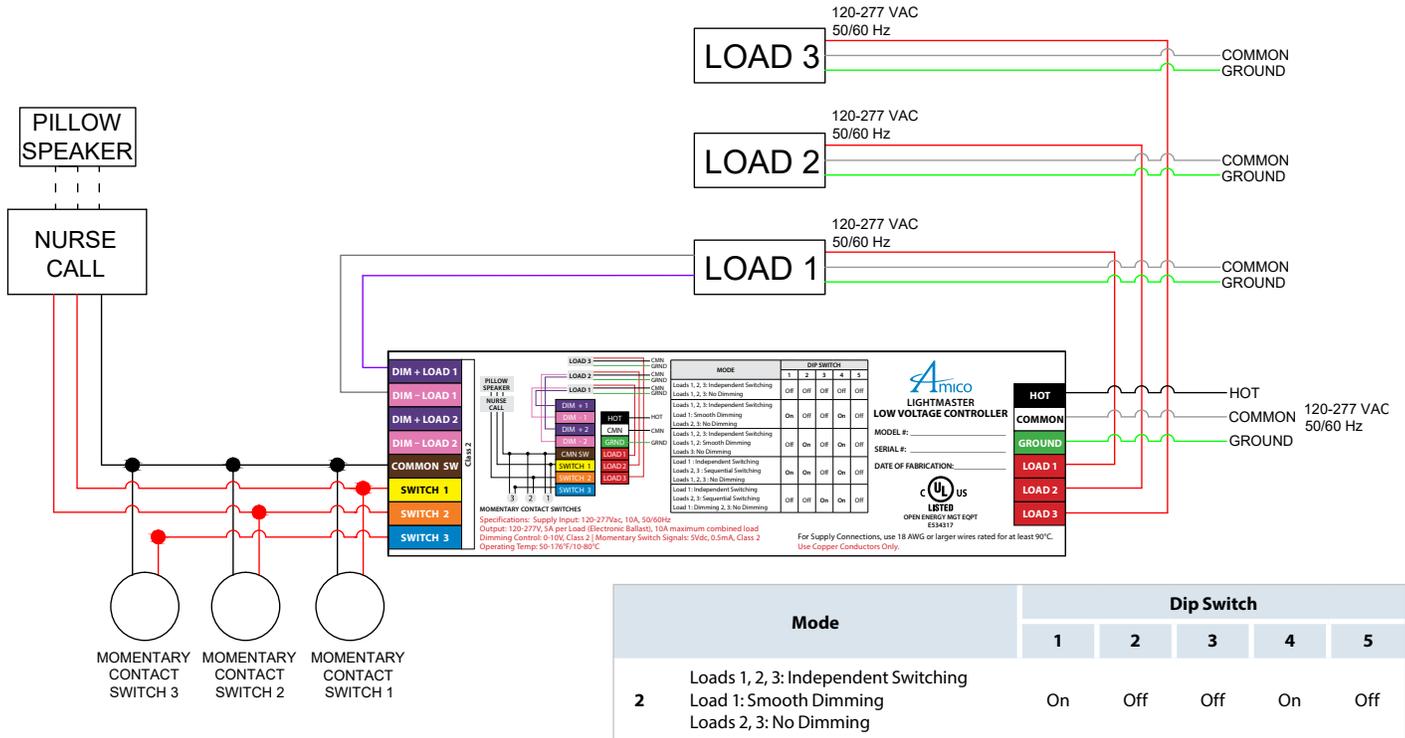
### NOTE:

Contact factory for Step Dimming options.

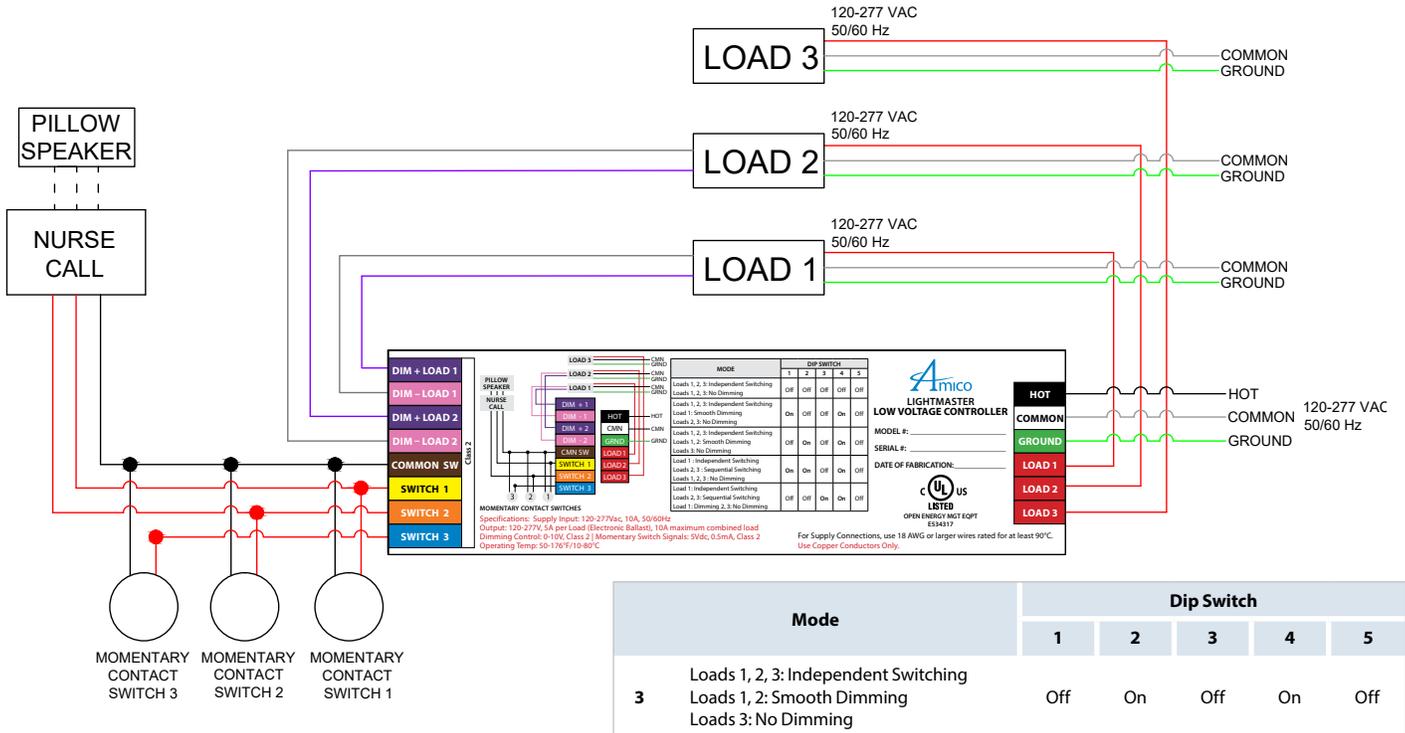
### Diagram - Mode 1:



**Diagram - Mode 2:**

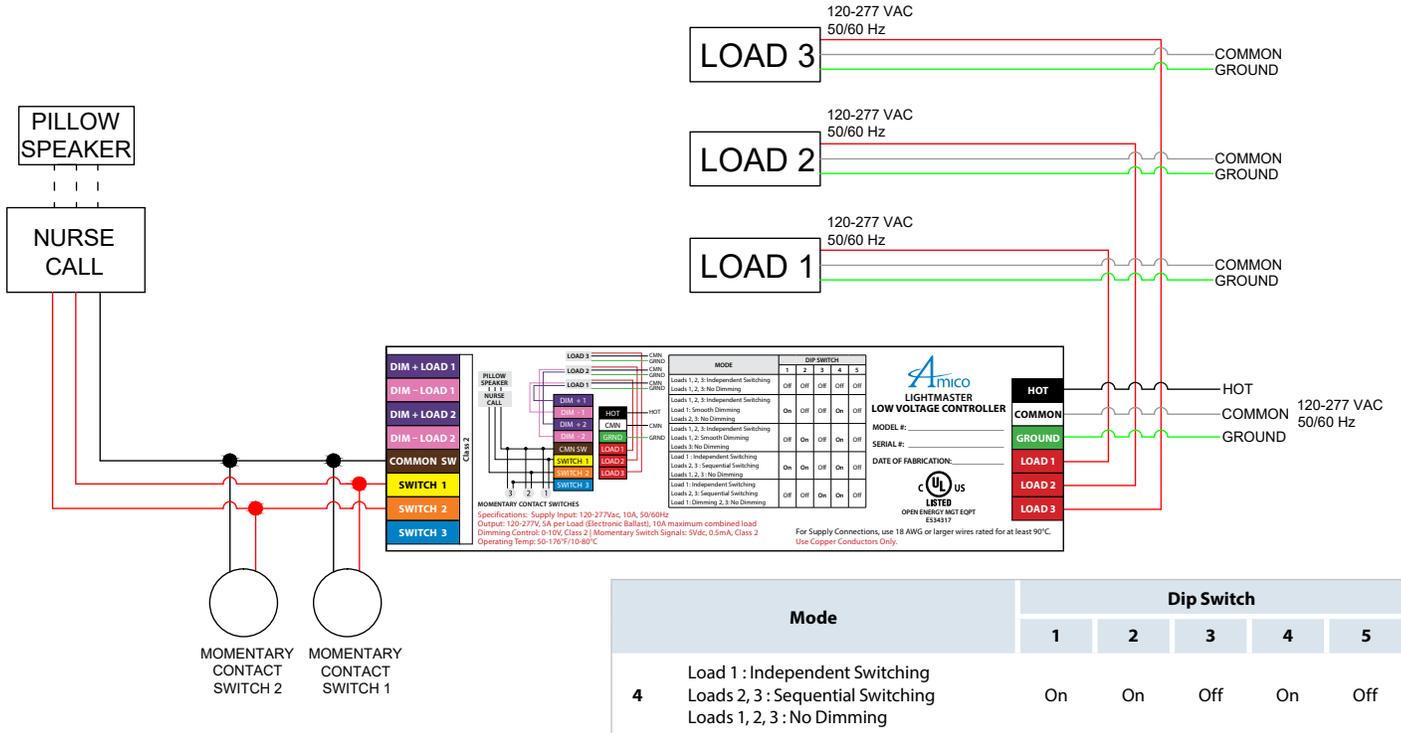


**Diagram - Mode 3:**



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**Diagram - Mode 4:**



**Diagram - Mode 5:**

