

Technical FAQ's for the Maestro® C•L® Dimmer

Can I use any dimmable CFL or LED bulb with a Lutron C•L® dimmer?

Per UL standards, Lutron has tested a broad range of dimmable CFL and LED bulbs to ensure compatibility with our dimmers. We can only suggest bulbs that have been tested and deemed compatible. If your bulb does not appear on an approved Lutron list, we would suggest contacting the LED manufacturer for a proper recommendation. Please note that Lutron continues to test bulbs regularly. For a list of compatible bulbs visit www.lutron.com/dimcflled

Do I have to use a companion dimmer in a 3-way (2 locations) application?

For 3-way applications, the MACL-153M can work with a standard mechanical switch. Keep in mind that a re-wiring of the switch is required as well as re-programming the dimmer. This can all be done in a few easy steps laid out in the installation guide.

Note: for applications where there are more than two locations, Maestro® Companion Dimmers must be used (model MA-R, or MSC-AD).

Can I use two MACL-153M dimmers in a 3-way application?

No, in order to dim from multiple locations, one MACL-153M is used and a Maestro® Companion Dimmer (model MA-R, or MSC-AD) is required for all remaining locations.

Will my C•L® dimmer work with low-voltage LEDs?

No. Low-voltage LEDs will utilize either a magnetic or electronic low-voltage transformer to step down the line-voltage. C•L® dimmers are neither designed nor tested to be able to control these types of devices.

How do I replace my older Maestro® that has wire leads to an MACL-153M with screw terminals?

If you are looking to replace an older style Maestro® with an MACL-153M, you may notice you now have screws instead of wires. Connect the wires in the following manner:

- The black wire on the old Maestro dimmer became the black screw on the new MACL dimmer
- The Blue wire on the old Maestro dimmer became the blue screw on the new MACL dimmer
- The red wire on the old Maestro dimmer became the brass screw on the new MACL dimmer

Maestro® C•L® Troubleshooting

CFLs or LEDs do not dim, have a poor dimming range or they flicker/flash.	<ul style="list-style-type: none">• Ensure the bulbs being used are marked as dimmable.• Ensure the bulbs being used are on Lutron's Compatibility List, found at www.lutron.com/macl• If the dimmable bulbs being used are not found on this list, we suggest contacting the LED manufacturer for a dimming recommendation.• Adjust low-end trim. For more information on the procedure, visit the "Low-End Trim Adjustment" video.• If the bulb you are using flickers, drops out, or discontinues dimming when you reach a certain level, you have reached the range of the bulb being used.
Lamps or Dimmer is buzzing	<ul style="list-style-type: none">• Unlike incandescent bulbs, CFLs and LEDs have electrical components inside of them that can make noise when the bulbs are on. The noise may be caused by a variety of reasons depending on the design of the bulb, but the noise isn't anything to worry about. Since the amount of noise from the bulb is highly dependent on its design, the best solution is to try a different bulb.
Dimmer is not working in a 3-way application when used with a 3-way mechanical switch.	<ul style="list-style-type: none">• Ensure that the mechanical switch has been rewired properly and the MACL-153M dimmer has been re-programmed as per instructions 6A and 9 on the installation guide.