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MedLux®

Retro-Fit Instructions

P/N 006-00072

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Subject: INSTRUCTIONS, COVE DRIVER RETRO-FIT KIT 075-00194

1. NOTE: READ THROUGH ALL OF THESE INSTRUCTIONS BEFORE PROCEEDING WITH THE RETRO-FIT OPERATION!!
2. Remove the heat sink angle bracket from the plate by removing two positioning screws and washers. There may be some resistance as the heat sink grease can be sticky. This bracket can be discarded. Set the plate aside such that any remaining heat sink grease does not touch anything. Try not to get any on your hands or clothing. If you do, rubbing alcohol can be used to remove it.
3. Note that with the replacement board you may have a new "DIMMING 0-10V" connector TB4, which will not be used. You should not need to move any of your wiring from TB1, TB2, or TB3. However, if you are also changing out the RGB keypad to the RJ45 version ECL-49-KIT then you will need to make a new cable to connect to TB1. See drawing 002-00032 in Appendix A of the Cove installation manual.
4. Unplug the wiring terminal block plugs from the PCB connectors. Remove the old wiring label as neatly as possible.
5. Remove the old RGB Driver PCB assembly by pushing the unthreaded spacers provided over both posts on one short edge. The opposite short edge can be depressed so that the board can be tilted up. After that, the spacers are moved to the opposite side. Then while holding the first side so that it does not slide back down, pull up the entire board.
6. Install the new Driver board with the terminal block connectors oriented the same way as the original board. Push down on all four corners evenly until the mounting clips click and lock.
7. If this board was supplied with the terminal plugs in place, remove them.
8. Place the new label near the connectors, similar to the way the old one was located, such that the signal names are aligned roughly with their associated blocks.
9. Re-connect the terminal block plugs and double-check that all wires match their designated connection terminals. Make sure all the on-board DIP switches are set to OFF for the ECL-47-KIT Keypad, or just 9&10 ON for the ECL-49-KIT Keypad.
10. Apply additional heat sink grease (supplied) to the surface of the heat sink plate where the original grease was located. Remove the slick tape cover material from the heat sink angle bracket, and attach the bracket using the two screws from the original one. Leave the screws loose enough to be able to move the angle bracket up or down.
11. The angle bracket should now align with the four large power devices. Slide the angle bracket down and press tightly against the power devices while tightening the two positioning screws.
12. Apply power and test the system for proper operation.

