

Replacement Color Keypad

The previous model, RGB Keypad (ECL-47-KIT), is no longer available.

All installations are now using a new (ECL-49-KIT) version.

The user operation of the two versions is the same, but the wiring is not.

Instructions for changing an ECL-47-00 to an ECL-49-00 keypad, follow.

DISCONNECT (Refer to 002-00022 drawing).

Turn off the power to the ECL-42-01 RGB Driver box located in the equipment room.

Remove the ECL-47-00 keypad from the wall-mounted electrical box and remove all the wires from the terminal strip on the back.

In the equipment room, open the ECL-42-01 driver box and remove the wires on TB1 of the driver board.

CONNECT (Refer to 002-00032 drawing).

The ECL-49-00 keypad uses a CAT-5e cable (provided) with an RJ-45 plug on one end. Review the color-coded crimp view on the 002-00032 drawing. This plugs into either connector on the back of the new ECL-49-00 keypad.

The other end of the CAT-5e cable will have individual stripped wires mounted into TB1 of the ECL-42-01 box's driver board (see 002-00032 drawing).

The multi-conductor cable, previously disconnected, can be used to snake the new CAT-5e cable back into the equipment room.

TEST (Refer to the Keypad Operation Guide)

On the board in the ECL-42-01 driver box, carefully switch #9 & #10 dip switches to the ON position. All other switches are OFF. This configures the ECL-42-01 driver box to be an ECL-42-02 driver box to work with the new ECL-49-00 keypad.



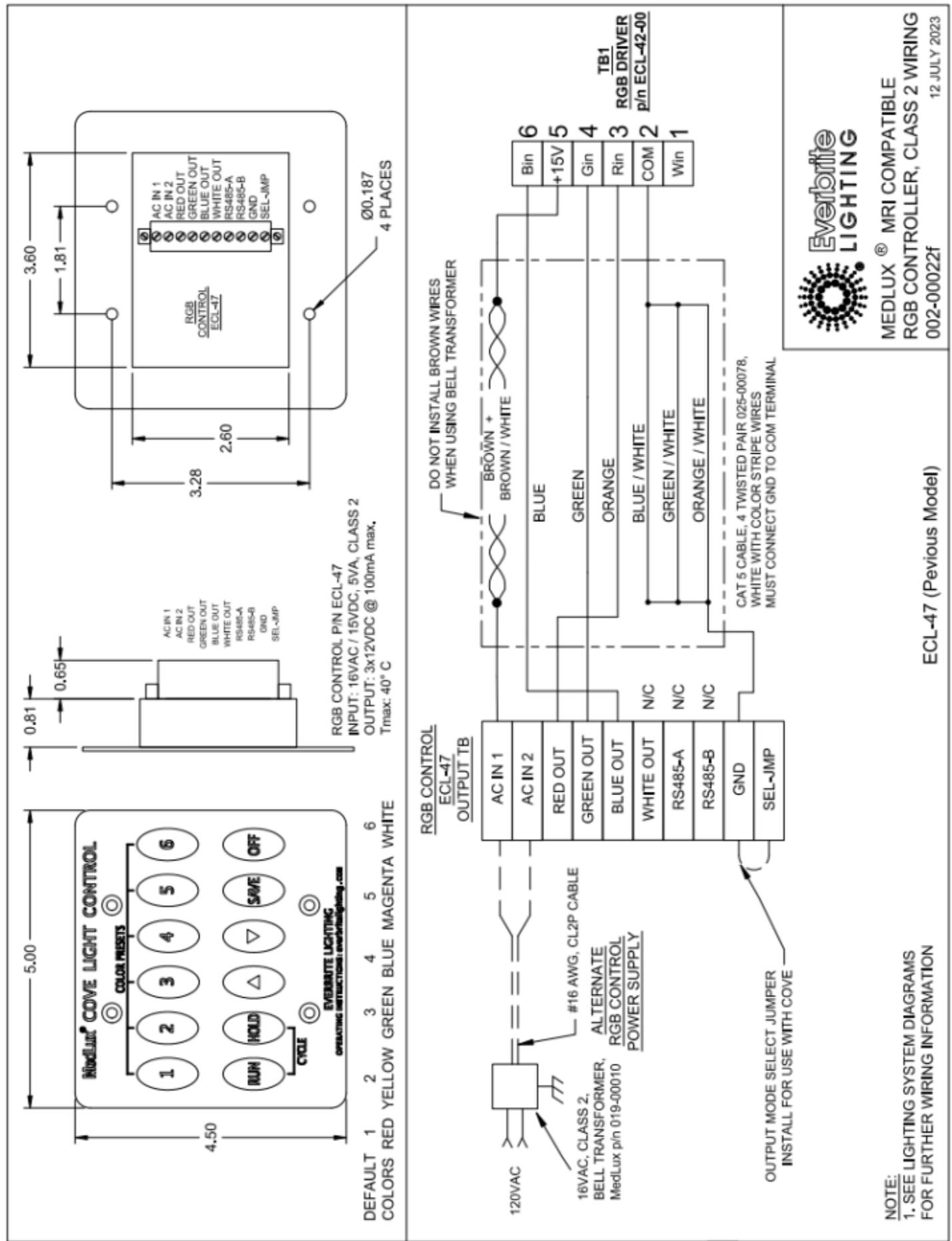
ECL-42-01 Driver setting – all off
For use with old ECL-47-00 Active Keypad

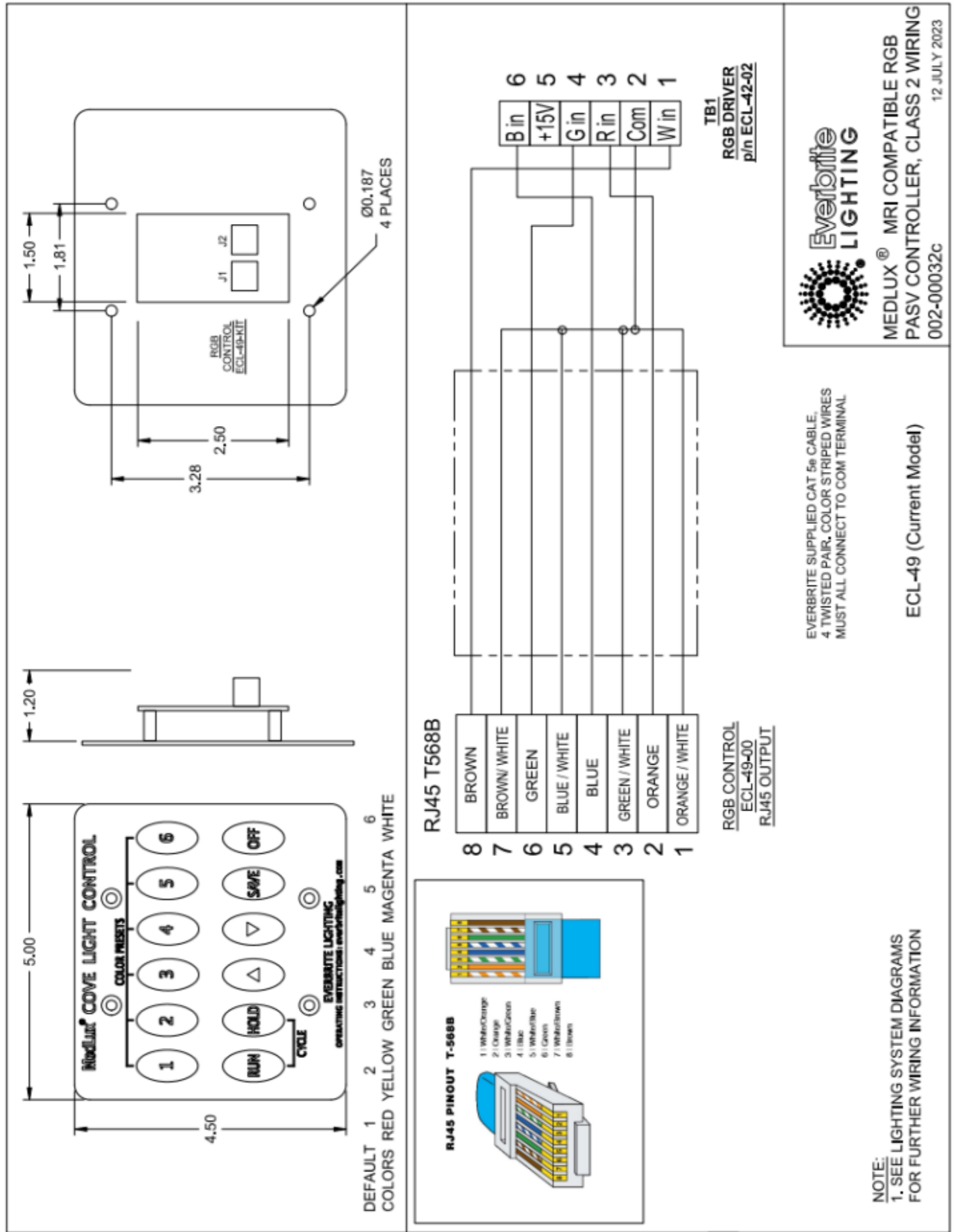


ECL-42-02 Driver setting – just 9 & 10 on
For use with new ECL-49-00 Passive Keypad

Restore power to the ECL-42-02 driver box and assess the operation of the ECL-49-00 keypad with the Keypad Operation Guide instructions. If everything operates normally, then mount the keypad back on the wall and put the cover back on the ECL-42-02 driver box.

Pat yourself on the back!





MedLux Cove Lighting & Color Changing Troffer Controller/Keypad Operation Guide

Basic Operation

When the MedLux Cove Lights or Color Changing Troffer systems are set for normal "RUN mode" operation, the display will present a continuously changing series of colors. This cycling action will repeat until instructed to "HOLD" or until one of the "PRESET" fixed colors is selected. Preset colors can be modified and saved at any time. Of course, the display can be turned off at any time using the "OFF" key. The time required to complete a full color cycle can be changed using a special key sequence described below. All preset colors and the cycle speed are retained when the system is turned OFF, or in the event of a power failure.

Keypad Functions

- RUN** Pressing the RUN key at any time will start the color cycle program.
- HOLD** Press the HOLD key to halt the color change cycle at any point. The current displayed color will remain until the RUN key is pressed again.
- 1, 2, 3, 4, 5, or 6**
Press any one of the numbered keys to display a preset static color. The cycle program is automatically put on hold and the preset color is displayed.
- SAVE** This key is only used when saving a new preset color. See "To Change a Preset Color" below.
- OFF** Pressing this key at any time will turn off the display.



To Change a Preset Color

Simply press "HOLD" when the desired color is being displayed, press "SAVE", then, within 3 seconds, press the number of the preset you wish to change to the new color. If the color displayed is not quite the right hue, use the "UP" or "DOWN" arrow keys to move forward or backward through the color cycle until desired color is displayed. Then press SAVE followed by the desired preset number. Key 6 is a special White pre-set. It can be used to display any color temperature from 2500°K to 6500°K using the "UP" and "DOWN" Arrow keys. Once the desired color is reached, press "SAVE" to lock in place. Only white shades are allowed to be saved to pre-set 6.

To Change the Cycle Speed

With the cycle program running, press both the UP and DOWN arrow keys simultaneously. Cycle Change mode will be entered and the system will flash the key number for the current speed selection. Then press any of the Preset Number keys. Number 6 is the fastest – approximately 3-1/2 minutes. Number 1 is the slowest – approximately 1-3/4 hours. When the number key is pressed, the LED system will respond by flashing the number of times equaling the key chosen. For example, if speed four is selected, the system will flash four times. If you change your mind, or if the system did not respond with the desired number, simply re-enter the number or select a different one. Finally, press "SAVE" to lock in this cycle speed. The system will automatically return to run mode. For example, if speed four is selected, the system will flash four times. If you change your mind, or if the system did not respond with the desired number, simply re-enter the number or select a different one.



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