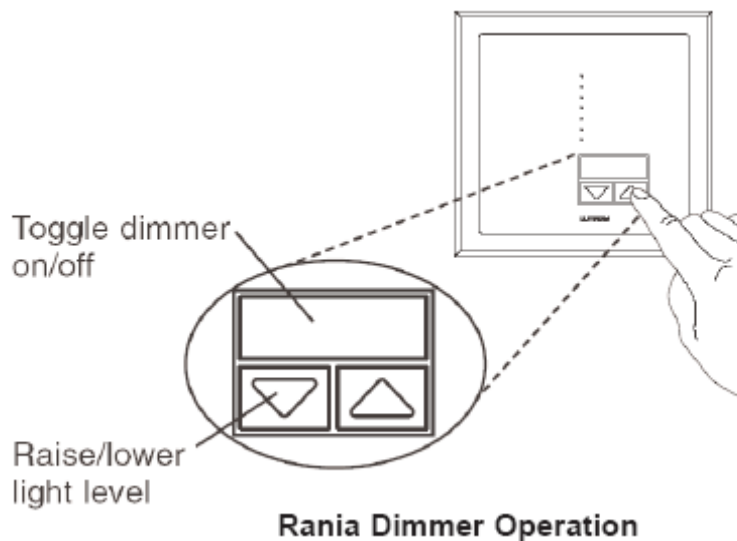# LUTRON®

For Your Information ...

Electronic Low Voltage Transformers

The Rania dimmer contains advanced features enabling it to work with most Electronic Low Voltage transformers (ELVs) without further adjustments, however, provisions have been made to enable users to fine tune the settings of the dimmer for an optimum performance.
The Rania dimmer has two ELV settings, the Default setting, which works best with most of the ELV transformers available in the market, and an Advanced setting, which has been engineered specifically for certain ELV transformer designs.
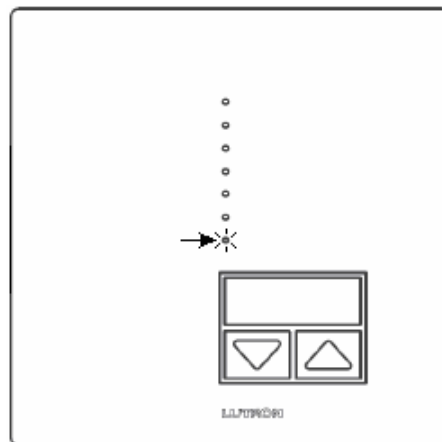
Adjusting ELV compatibility settings

The first thing to be done is to enter the Advanced Programming mode Menu. To do so make sure the dimmer has power (LEDs should be glowing green), and that the lights are off. If the lights are on, press the Toggle button to turn them off.

Toggle dimmer on/off

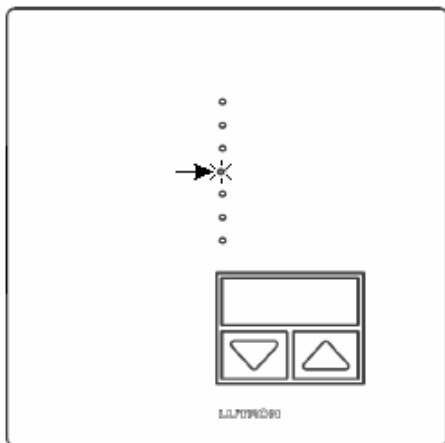Raise/lower light level

Rania Dimmer Operation
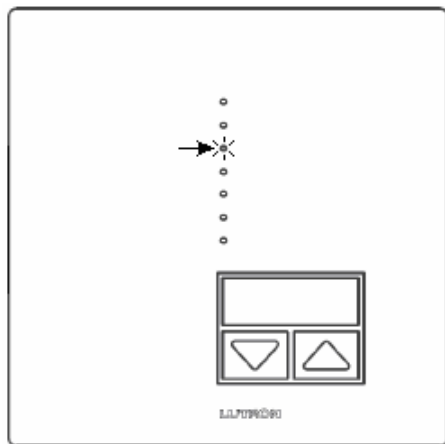
Entering the Advanced Programming mode Menu.

1- While pressing the lower button (please refer to the illustration above for reference), press and hold the toggle button for approximately 5 seconds until the bottom LED starts flashing. Once the LED has begun flashing, release both buttons.
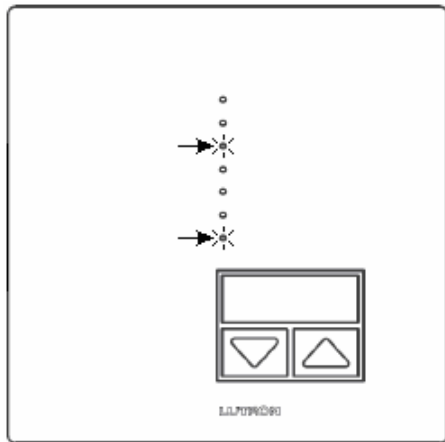
2- Press the Raise button four times, until the fourth LED from the bottom starts flashing.
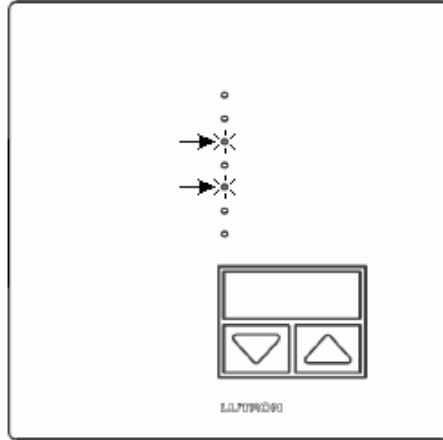

3- Release the Raise button, and after at least one second press and hold it again until the fifth LED begins to flash. The fifthe LED flashing indicates Advanced Features Menu
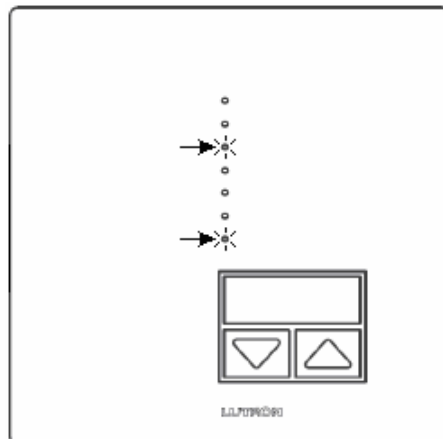

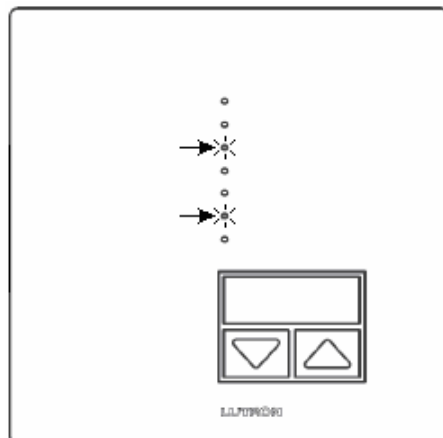4- Press the toggle button once. The bottom LED will begin to flash again.

5- Press the Raise button three times. The third and fifth LED from the bottom should be flashing at this point.
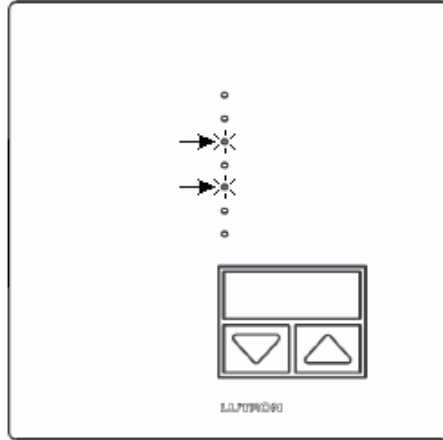

6- Press the Toggle button once. The bottom LED will start flashing rapidly (faster than seen before). This is ELV fine tuning mode.

7- Press the Raise button once. The second LED will be flashing rapidly.

8- Press the Toggle button once. The third and fifth LED should be flashing.

9- Press and hold the Toggle button until all the LEDs stop flashing.

Congratulations, you have changed the advanced ELV settings on your dimmer.

Important Notes: *- There is a 1 minute timer that will automatically exit the Advanced Programming mode if there is no activity on the dimmer.*
        - To restore the dimmer to factory defaults, repeat step 1 and with the bottom LED flashing, press and hold Raise and Toggle at the same time until the light level begins to rise.