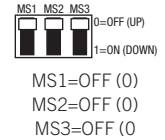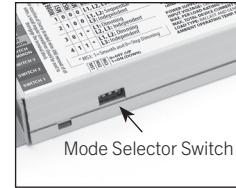# LOW VOLTAGE CONTROLLER MODES

FOR THE LVC-2000-008

IMPORTANT: Consult the Directions for Use for your low voltage controller for complete installation instructions

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⚠ WARNING

This low voltage controller can control two loads independently with 0-10 V bi-directional dimming control and a third load independently This model does NOT have multiple operational modes. The mode select switches shall be set to "0-0-0" by default. Operation with mode select switches in any other setting may warrant unwanted operation.

MS1 MS2 MS3
0=OFF (UP)
1=ON (DOWN)
MS1=OFF (0)
MS2=OFF (0)
MS3=OFF (0

Mode Selector Switch

SWITCH 1 OPERATION

Load 1 defaults to OFF and DIM1 to 10 VDC at Power On

▶ First SW1 press activates load 1 and sets DIM1 to 10 VDC

▶ Second SW1 press (sustained press) maintains load 1 and sets DIM1 to 5.5 VDC

▶ Third SW1 press (sustained press) maintains load 1 and sets DIM1 to 3.3 VDC

▶ Subsequent SW1 press (sustained press) maintains load 1 and bi-directionally transitions DIM1 from
3.3 VDC to 5.5 VDC to 10 VDC to 5.5 VDC and so on, in a STEP fashion with EACH sustained press

▶ Dimming will latch at the next voltage in the sequence

▶ Subsequent sustained presses will perform the next transition in sequence

▶ Once Load 1 is activated, ANY SW1 Press (SHORT Press) will deactivate Load 1 and set DIM1 to 10 VDC

SWITCH 2 OPERATION

Load 2 defaults to ON and DIM2 to 4.75 VDC at Power On

▶ Subsequent SW2 press (sustained press) maintains load 2 and bi-directionally transitions DIM2 from
4.75 VDC to 0.7 VDC to 4.75 VDC to 0.7 VDC and so on, in a SMOOTH fashion with each sustained press

▶ Dimming will continually transition to each rail voltage with each sustained press and latch to that respective rail voltage

▶ Subsequent sustained presses will perform the same action, but in the opposite direction

▶ Once Load 2 is activated, ANY SW2 Press (SHORT Press) will deactivate load 2 and set DIM2 to 10 VDC

▶ SW1 is nonfunctional while load 2 is activated

SWITCH 3 OPERATION

▶ Load 3 defaults to OFF

▶ First SW3 Press will deactivate Load 1, Activate Load 2 AND Load 3 and set DIM1 AND DIM2 to 10 VDC.

▶ Second SW3 will deactivate Load 3 and return Load 2 and DIM2 to the settings they were at prior to the first press of SW3

▶ SW1 and SW2 are nonfunctional while Load 3 is activated

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