

DaliPro[®] System Verification

Warning!! Make sure All DaliPro[®] devices are wired exactly as shown on the wiring diagram and grounded properly before starting this step.

DaliPro[®] systems should be checked before completing the installation job and turning it over to programming. Three levels of verification are:

- 1) Ballast validation, including power and lamp wiring.
- 2) DALI power supply validation.
- 3) System control wire validation.

Do the following steps for the system verification.

Caution: Switching the system to OFF (stand-by) mode does not remove power from any components of the DaliPro[®] system.

1) Ballast validation:

After connecting power wires to the luminaires, but before making any control circuit connections to the DALI power supply or DALI control, apply power to the lighting circuit. All the lamps should ignite and provide full light output.

2) DALI power supply validation:

1. With the DALI control leads still disconnected from the power supply, provide line voltage to the power supply.
2. Measure the output control voltage from the power supply; it should be between 13 and 16 volts DC.

3) System control wire validation:

1. Disconnect the line voltage.
2. Connect the control wires to the DALI Power Supply and connect the DALI control to the power supply or DALI loop (follow control manufacturer's instructions).
3. Reapply line voltage to the ballasts and power supply, and verify that all ballasts ignite the lamps and provide full light output.
4. Use a voltmeter to verify that there is no line voltage on the control wires (the DALI loop)
5. Measure the voltage between the control wires; it should be between 13 and 16 volts DC. If it is near zero, look for:
 - a. Inadvertent short circuits on the DALI loop
 - b. Failed components

For further assistance or ordering information please contact Universal lighting technologies @ 1-800-BALLAST or visit our website at <http://www.universalballast.com>