
Lane Light Control Manual

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Lane Light Control Manual

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The Bavis Lane Light Control is designed to allow the end user to operate two 24VAC Lane Lights with one wall plate sized switch control. This switch control will install into any standard decorator wall plate available at most home centers. If you have more than two 24VAC Lane Lights, or need further assistance, contact the factory for additional expansion options at 513-677-0500.

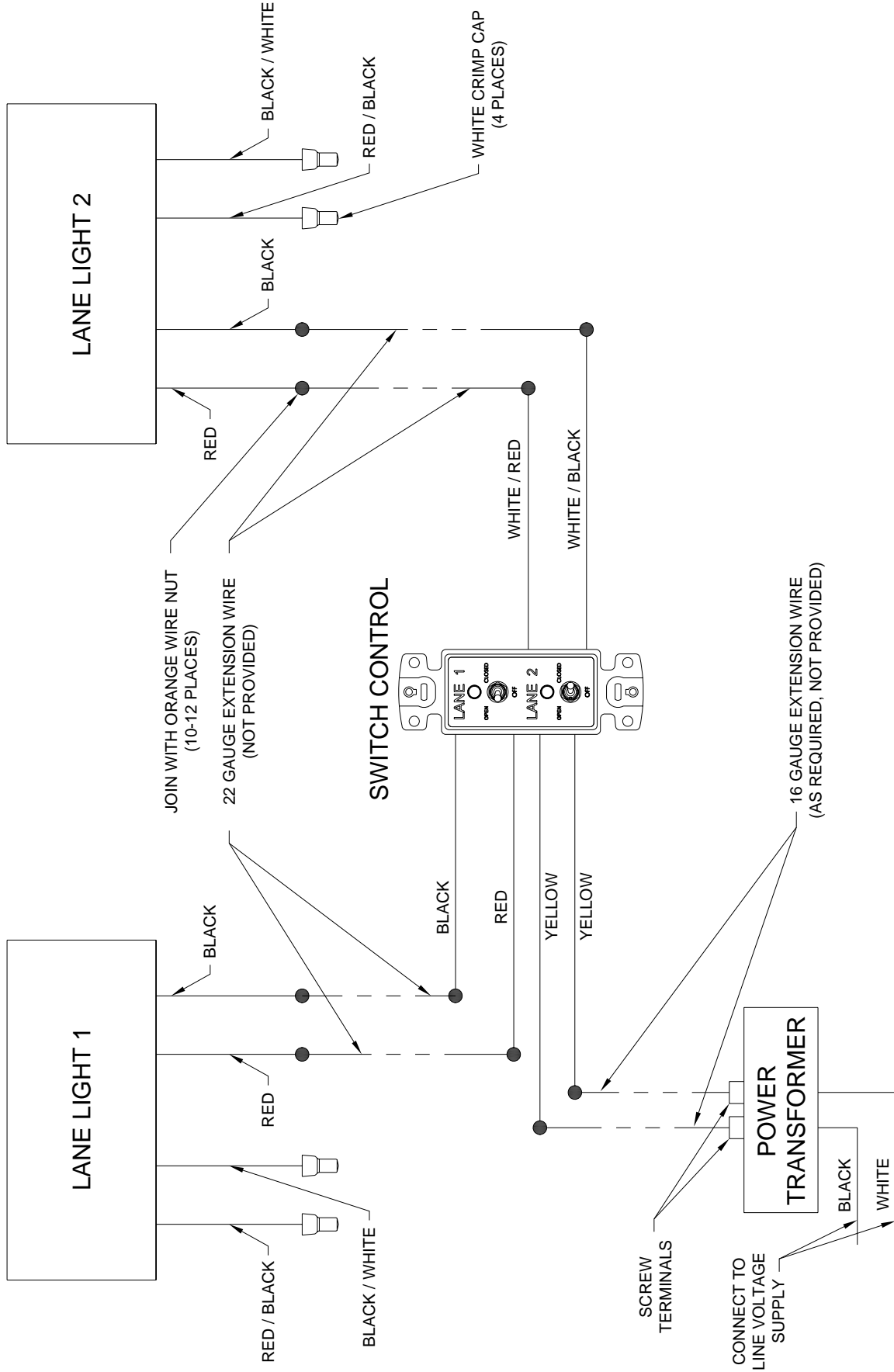
Installation Instructions

1. Locate the best place for the switch control and power transformer to be mounted. The switch control is made to fit into a standard 2 X 3 gang box.
2. Mount the power transformer using the mounting bracket provided. **NOTE:** the white and black wires are for the line voltage supply.

CAUTION: Do not connect the line voltage at this time.

3. Determine which switch should control which lane light on the Switch Control. For example, Lane 1 and Lane 2 were selected, as shown on pages 2 and 3. **NOTE:** Numerical labels for the switch control are provided to indicate which toggle switch controls which lane.
4. Connect the two yellow wires of the switch control to the power transformer via the screw terminals. If the power transformer is mounted too far away from the switch control, you can extend the wires by using 16 gauge wire (not provided) and orange wires nuts (provided). See the wiring diagram on page 2.
5. Connect the solid red wire of the switch control to the solid red wire of one of the 24VAC Lane Lights, using a 22 gauge extension wire (not provided) with the orange wire nuts provided. See the wiring diagram on page 2.
6. Connect the solid black wire of the switch control to the solid black wire of the same light, using a 22 gauge extension wire (not provided) with the orange wire nuts provided. See the wiring diagram on page 2.
7. Using the white crimp cap connectors provided, cap off the unused black/white and red/black wires of the Lane Light. See the wiring diagram on page 2.
8. Repeat steps 4 through 6 for the second Lane Light, using the white/red and white/black wires of the switch control.
9. Connect the line voltage supply to the power transformer to test the switch control and lights. When either toggle switch is in the center or “off” position, that Lane Light will not be on, and the LED on the switch control will not be lit. When the toggle switch is in the left or “open” position, the Lane Light will light up green, read “OPEN”, and the LED on the switch control will be green. When the toggle switch is in the right or “closed” position, the Lane Light will light up red, read “CLOSED”, and the LED on the switch control will be red. See the switch function diagram on page 3.
10. Finish installing the switch control.

Wiring Diagram



Switch Function Diagram

