



LIGHTING PRODUCTS - PANEL MANUFACTURING - COCKPIT ACCESSORIES

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PN: LD115W-3H and PN: LD115W-4H

Wiring Multi-Circuit Dimmer with pre-wired harness

Installing the dimmer with the pre-fab harness is simple and quick. Also, the dimmer has been tested numerous times prior to shipping.

POWER INPUT WIRES

There are two black/white wires. One wire is for the power input for circuit #1 and the second wire is for power input for the remaining circuits. This allows you to have one lighting circuit wired off a hot buss so you can turn on some lights prior to turning on the master switch. The dimmer can be installed in either a 14V or 28V system.

GROUND WIRE

One black wire is labeled GROUND. Connect this to a solid grounding buss. We discourage using the air frame as a ground, as a ground loop is possible causing noise and static in the intercom system.

VARIBLE POWER OUTPUT WIRES

The red wires are labeled for the various circuits. Connect these to the different lighting circuits. The wire labeling corresponds to labeling on the potentiometers.

WARNING: The power transistors on the heat sink are +voltage and could short if they come in contact with a ground! Use caution to insure heat sinks are mounted properly and that the transistors are shielded during installation!

Use a 2 amp circuit breaker for the power input for circuit #1. A 5 amp breaker can be used for the other power input that controls 2, 3, and 4; **HOWEVER** no single circuit should have more than a 2 amp current draw. Mount the heat sink in an open area to allow for air circulation.

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