

USAI REMOTE POWER SUPPLY

WIRING INSTRUCTIONS

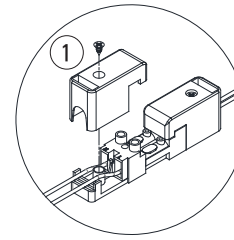
0-10V Dimming

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

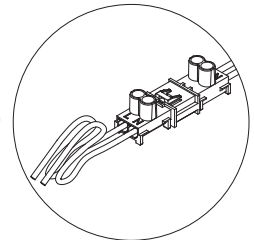
1. Keep these instructions in a safe place for future reference.
2. Only qualified electricians in accordance to local codes should install these fixtures.
3. De-energize the electrical circuit at the circuit breaker prior to installation process or servicing.
4. Make sure all connections are in accordance with the National Electrical Code and any local regulations.
5. Separately cap any wires not used (not together).

QUICK DISCONNECT INSTRUCTIONS

1. Loosen screw attaching connector cover to disconnect (may not be included).
2. Insert secondary wires striped to 3/8" into the connector barrel. Max. 12 AWG.
3. Tighten (2) screws. CAUTION: DO NOT OVER TIGHTEN SCREWS.
4. Re-attach connector cover if included.



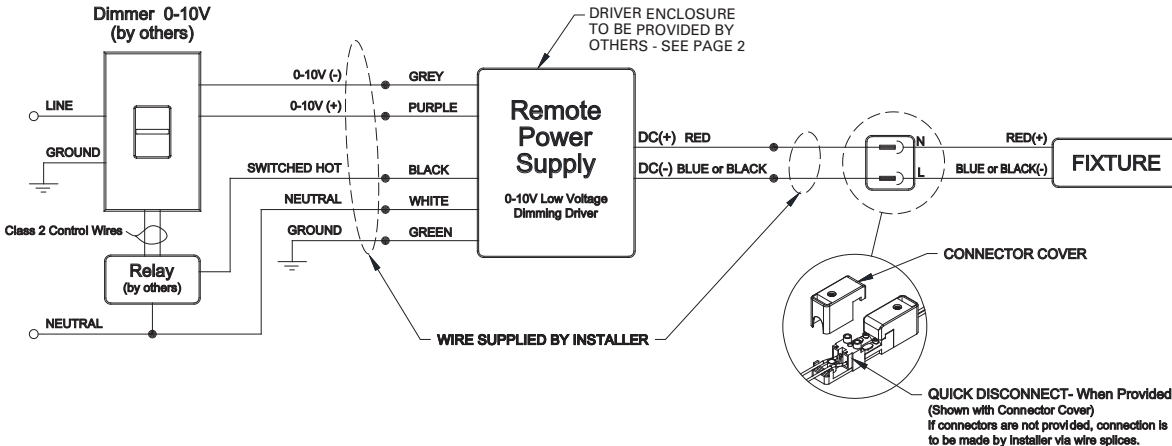
QUICK DISCONNECT
with connector cover



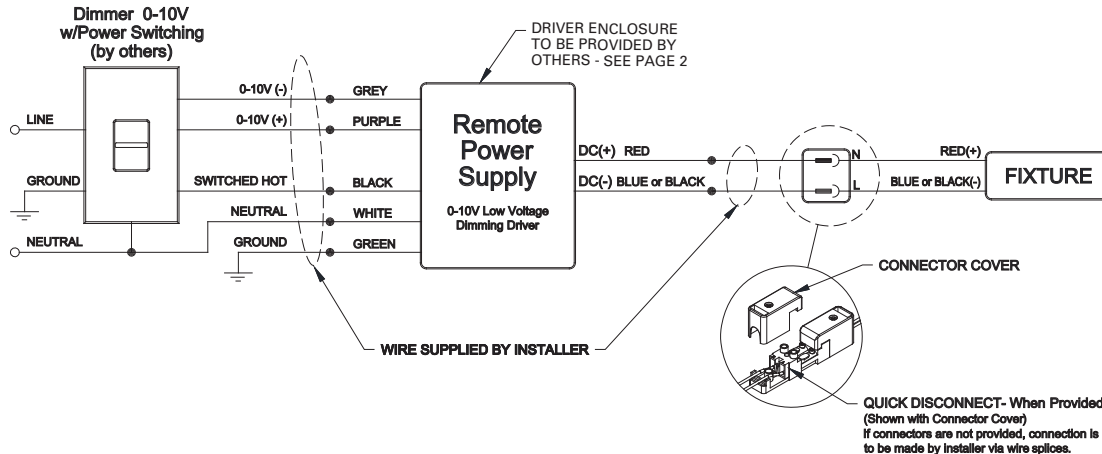
QUICK DISCONNECT
with no cover

NOTE: Quick Disconnects are not always provided with fixtures. If connectors are not provided, connection is made by installer with wire splice.

ONE FIXTURE PER POWER SUPPLY WIRING WITHOUT POWER SWITCHING



WIRING WITH POWER SWITCHING



NOTES:

1. Remote Power supplies can only be used with specific fixture types. Confirm power supply compatibility on light fixture label.

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ENCLOSURE AND CABLE REQUIREMENTS

Fixture Family	Remote Power Supply Dimming Option	Wire Gauge Required*	Minimum Enclosure Size Required (by others)
1MC	RV08A EldoLED 0-10V, 1%	18/16	6.25" W X 4"L X 2" H
	RV13A EldoLED 0-10V, 1%	18/16	6.25" W X 4"L X 2" H
	RV27A EldoLED 0-10V, 1%	18/16	6.25" W X 4"L X 2" H
3CY	RV14A EldoLED 0-10V, 1%	18/16	6.25" W X 4"L X 2" H
	RV18A EldoLED 0-10V, 1%	18/16	6.25" W X 4" L X 2" H
	RV20A EldoLED 0-10V, 1%	18/16	6.25" W X 4" L X 2" H
3DL	RV15A EldoLED 0-10V, 1%	18/16	6.25" W X 4" L X 2" H

Each remote power supply requires an enclosure by others with minimum size as shown in table above.

*Wire gauge 18/16 = Maximum distance from light fixture to remote power supply is 100' using 16 gauge wire, 50' using 18 gauge wire.