

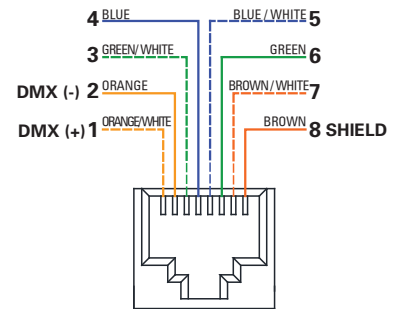
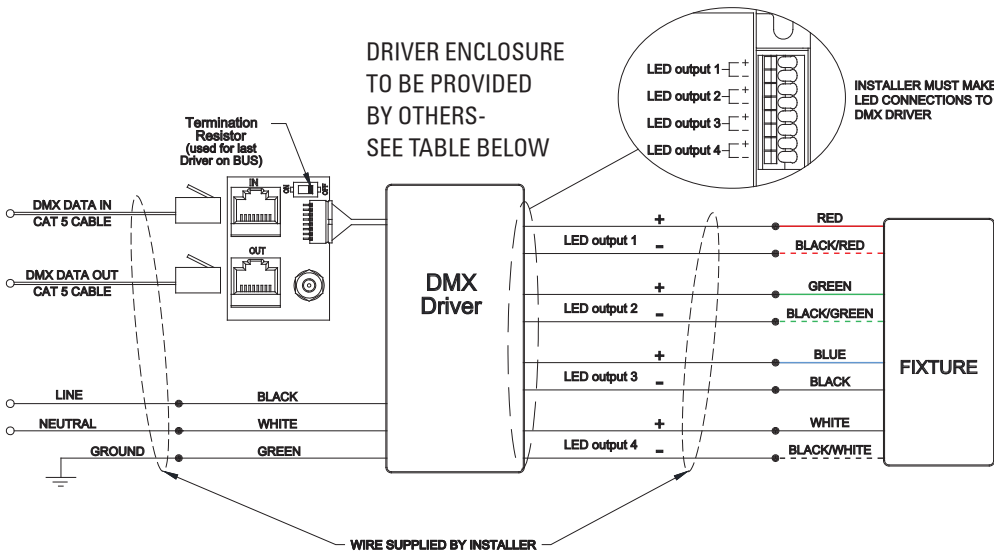
USAI REMOTE POWER SUPPLY WIRING INSTRUCTIONS DMX DIMMING

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.

ONE FIXTURE PER POWER SUPPLY



RJ CONNECTION

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

ENCLOSURE AND CABLE REQUIREMENTS

Fixture Family	Remote Power Supply Dimming Option	Wire Gauge Required*	Minimum Enclosure Size Required (by others)
3DL	RX18A EldoLED DMX8-bit, 0%	16/18	9.5" 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 16/18 = Maximum distance from light fixture to remote power supply is 100' using 16 gauge wire, 50' using 18 gauge wire.

USAI REMOTE POWER SUPPLY

WIRING INSTRUCTIONS

DMX DIMMING

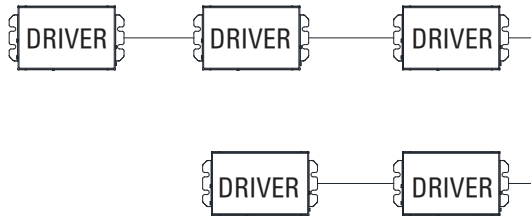
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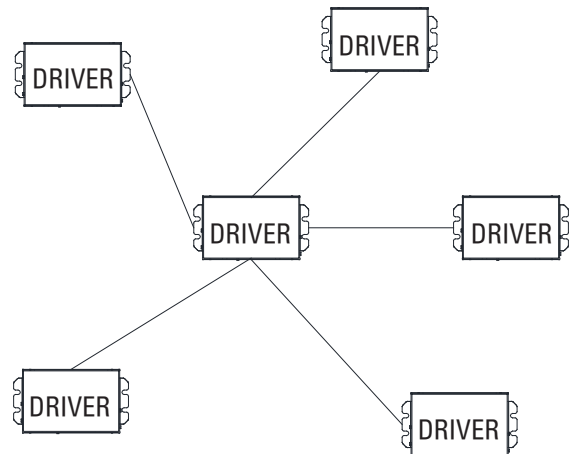
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DMX MUST BE DAISY CHAINED IN SINGLE LINE

CORRECT !



INCORRECT !



NOTES

1. Maximum distance from light fixture to remote power supply is 100' using 16 gauge wire, 50' using 18 gauge wire.
2. Minimum enclosure size required is 9.5"W x 4"L x 2"H. Enclosure supplied by others.
3. Remote Power Supplies can only be used with specific fixture types. Confirm power supply compatibility on light fixture label.
4. DMX signal cable must NOT be run in same conduit as high voltage AC power lines.
5. Remote Power Supplies must be daisy chained in one serial line using Data in and Data out
6. Maximum of 32 DMX devices on single DMX bus
7. Maximum of 1000' serial communication link distance
8. To avoid signal loss, DMX signal terminator should be used on last Remote Power Supply in line. This is provided through a dip-switch on the RJ45 connector board.