ATX LED

100% DC low voltage

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Fixed Color Tester

Series Wiring Tester

Quick test for ceiling wiring of series LEDs

Product Description - Wiring Tester

This handy tool allows installers to verify the wring on site.   ATX LEDs are wiring in series, and if the up and down strings are reversed, time is lost during trim.

These simple testers show if any wires are crossed in an installation. Protected against overcurrent and over voltage, these are robust units in a plexiglass case (not shown in the photo).

The OJ-606 connector is the same as used on the LEDs themselves.

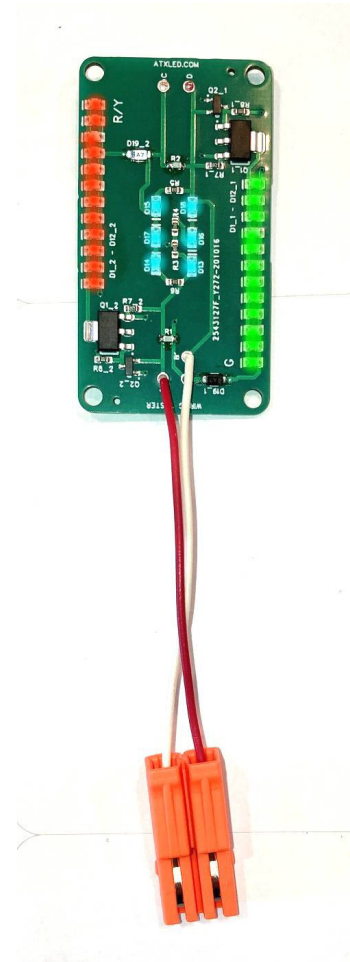Connect one of these at each LED location to start

Trim testing

To start the test, use either a AL-WS-DR2 or similar driver connected to the wiring of lighting in the room. Turn the switch on.   All tester at each location should be Green – if any are Red – then the wiring is reversed.
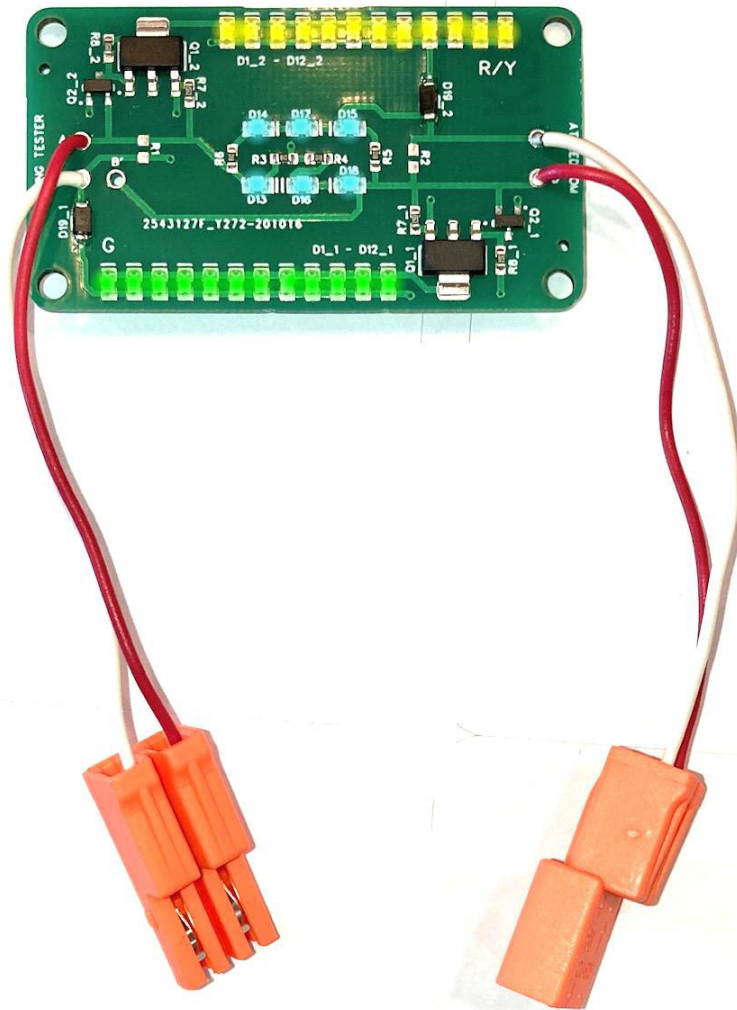
Rough in testing

Use the AL-UPS-48v10w as the power source (it is battery operated) and do the same test.

Fixed Color Temperature installations

In single color use, these devices show Green if forward and Red if reversed. Blue will not appear unless the device has been damaged

[Tunable White installations](#)

Connect one of these at each LED location to start.   Both connectors are required.

In rough in testing – connect the AL-UPS-48v10w to the warm pair – the Green LEDs should be ON.   Connect the UPS to the Cool pair – the Yellow LEDs should be on.   If the Blue leds appear and there is no red or yellow – then the wiring is not OK.

In trim testing, set the AL-WS-DR2 to a middle color temperature.   These devices show Green and Yellow if the wiring is correct, ignore the blue LEDs if Green and Yellow are on.   Move the DR2 slider to adjust the color of the lights, Green and Yellow should operate as warm and cool would. If blue shows and Green or Yellow do not show then the wiring is not correct.

Ordering part numbers

Model	Type	Connectors
AL-WiringTester-F	Fixed Color Tester	1x OJ-606
AL-WiringTester-TW	Tunable White Tester	2x OJ-606