



Test Procedure for the UIC1WGEVB Evaluation Board

The following steps detail the basic test procedure for these boards:

Necessary Equipment:

1 120 VAC Source

1 Yokogawa WT330 Digital Power Meter

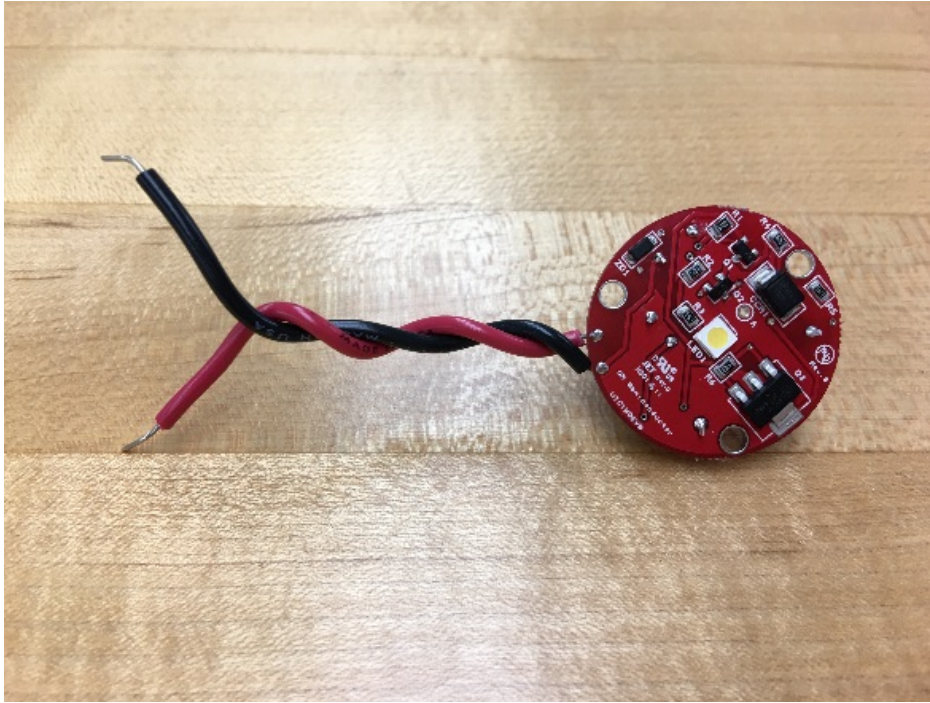


Figure 1: Test Setup

Test Procedure:

1. Check if all of the components have the right values and are mounted in the correct positions.
2. Connect the red and black wires as shown in Figure 1 to your AC source.
3. Apply an input voltage, $V_{IN} = 120 \text{ VAC}$
4. Check that P_{in} is about 1.7W.
5. Apply an input voltage, $V_{IN} = 280 \text{ VAC}$
6. Check that P_{in} is about 1.5W.
7. Power down the input.
8. End of test

⚠ Be careful when manipulating the boards in operation, lethal voltages are present.