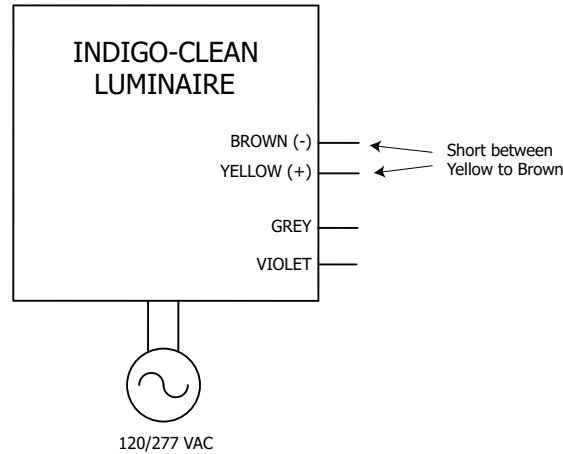


- Validating luminaire changes between White Mode and Indigo Mode:** With no controls connected to fixture, short the yellow and brown wires together to ensure the Indigo Clean Luminaire changes modes.

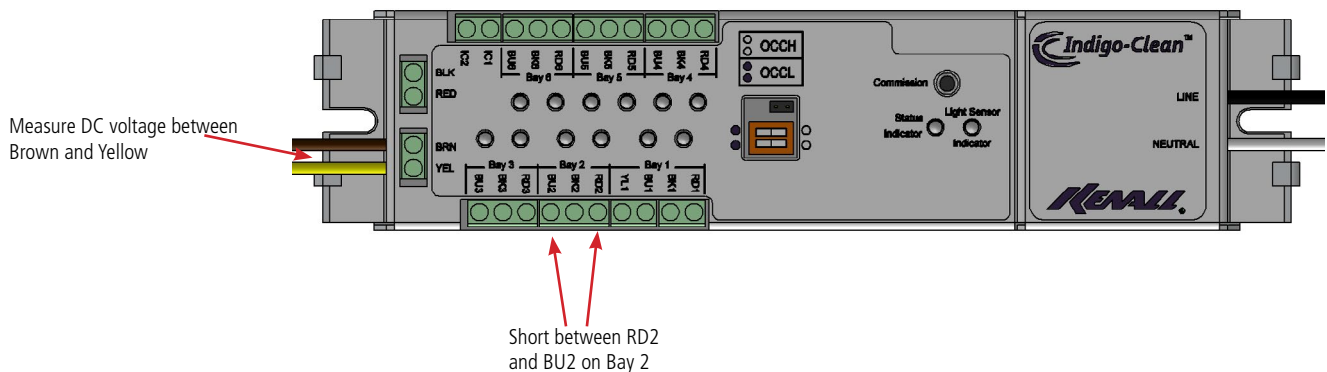
**Results:** if the fixture changes modes, your fixture is operating normally. If not, contact Kenall.



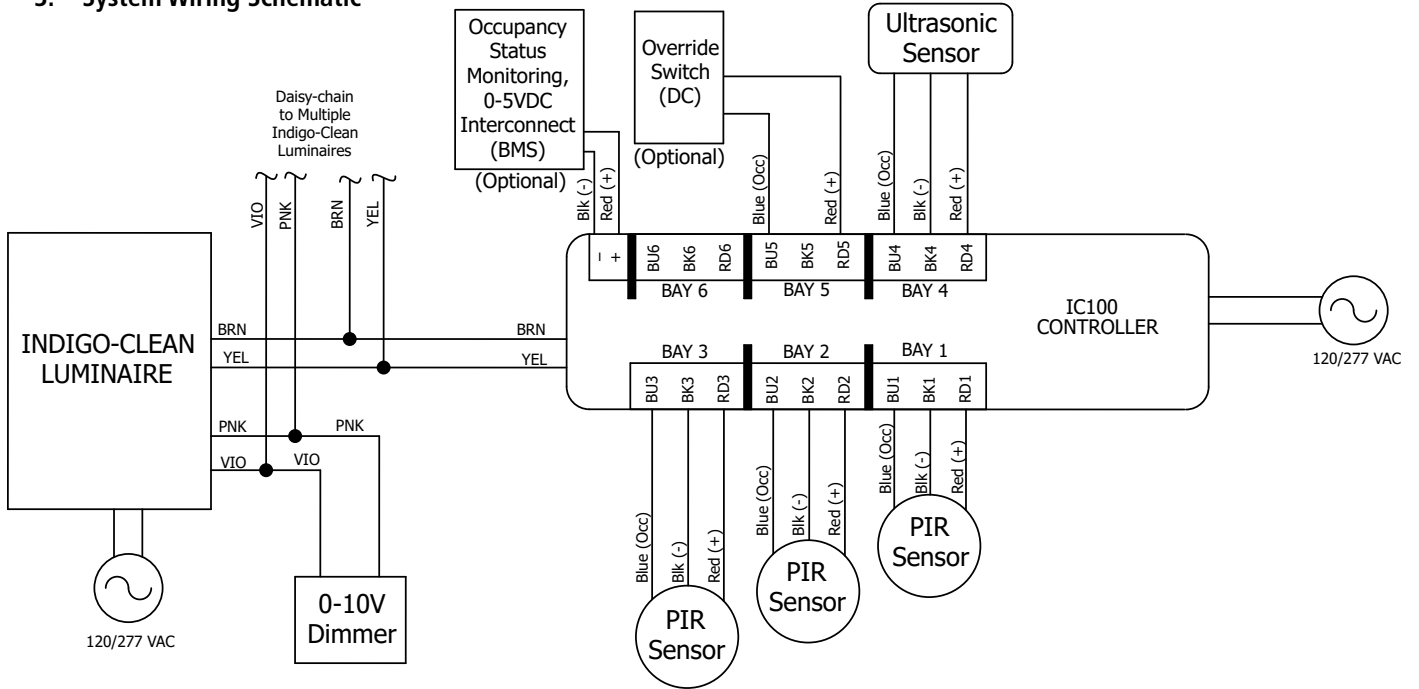
- Confirm Control Module is Working Properly:** Check that dip switches on controller are set to the 'OCCH' setting, unless otherwise instructed by Kenall Applications. With no sensor or override switches connected to the controller, connect line voltage circuit to controller, make sure circuit is off when connecting input power (line voltage power). In Bay 2, place a jumper between RD2 and BU2. Turn line voltage circuit on and both the green and red LED should be illuminated. Using a multi-meter set to read DC voltage read the voltage between the brown and yellow wire of the controller.

**Results:** If you read less than 5V DC, your controller is working. Remove the jumper and you should read approximately 10-12V DC. If these two conditions are present, your controller is working normally. If not working this way, please contact Kenall

**Metal Case (New)**



3. System Wiring Schematic



Notes:

Ultrasonic Sensor:

- [Control Out] connects to BU4 (blue)
- [Common] connects to BK4 (black)
- [+24v] connects to RD4 (red)

PIR Sensor:

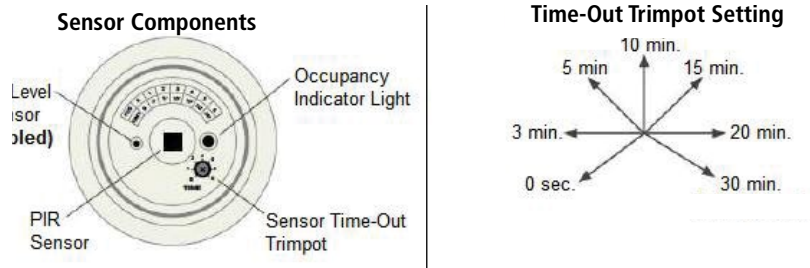
- Red wire to RD (Bay 1,2,3)
- Blue wire to BU (Bay 1,2,3)
- Black wire to BK (Bay 1,2,3)



4. **Ultrasonic Settings:** (for confirming operation you may want to set [Time Delay] to 2 minutes. All other setting should be unchanged.)

Time Delay	Switch#		
	1	2	3
Test Mode/2 min	↓	↓	↓
2 Minutes	↓	↓	↑
20 minutes	↓	↑	↓
40 minutes	↓	↑	↑
60 minutes	↑	↓	↓
80 minutes	↑	↓	↑
100 minutes	↑	↑	↓
120 minutes	↑	↑	↑

5. **PIR Sensor:** (for confirming operation you may want to set [Time Delay] to position "1" to shorten delay.)



After confirming system is working normally, set controls to desired delay. Delay is the time that will elapse before fixture switches from white to Indigo-Clean mode.

6. **Confirming occupancy on controller:**

- An illuminated Green LED Indicator means an occupancy sensor is properly connected and receiving power from that Bay (1, 2, etc.)
- An illuminated Red LED Indicator means the sensor connected to that Bay (1, 2, etc.) is detecting occupancy

Note: The illustration below shows Bays 1-5 have a properly connected sensor and all are detecting occupancy. Bay 6 does not have a sensor connected.

