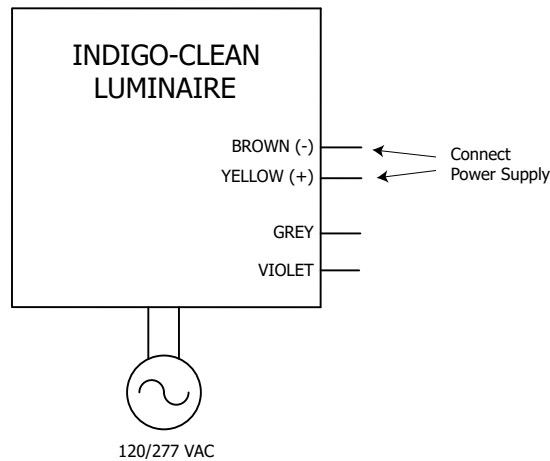


- Validating luminaire changes between white and indigo mode:** With no controls connected to the fixture short the yellow and brown wires together to ensure the Indigo-Clean Luminaire changes modes.

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



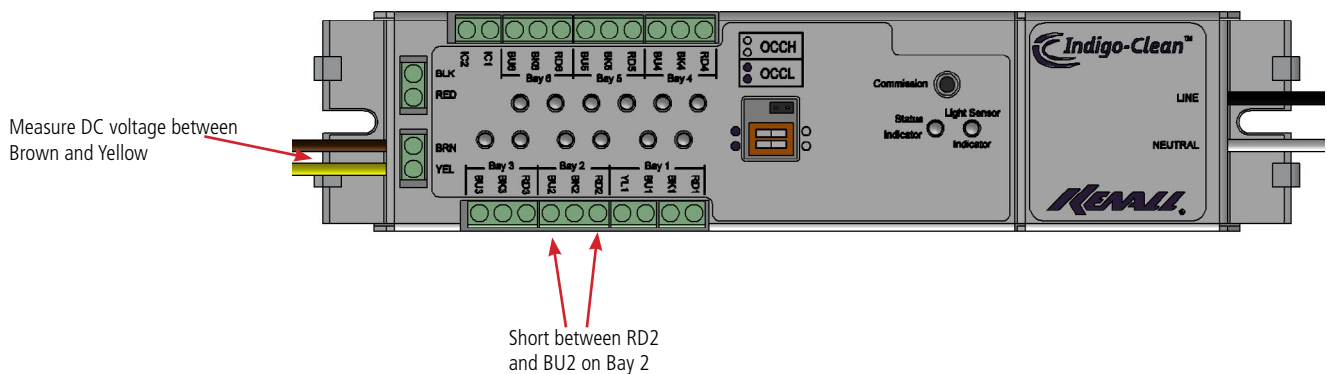
- Confirm Control Module is Working Properly:** With no sensor or override switches connected to the controller, connect line voltage circuit to controller, make sure circuit is off when connecting input power (line voltage power). In Bay 2, place a jumper between RD2 and BU2. Turn line voltage circuit 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: There are 2 programs. Make sure the results match the selected program.

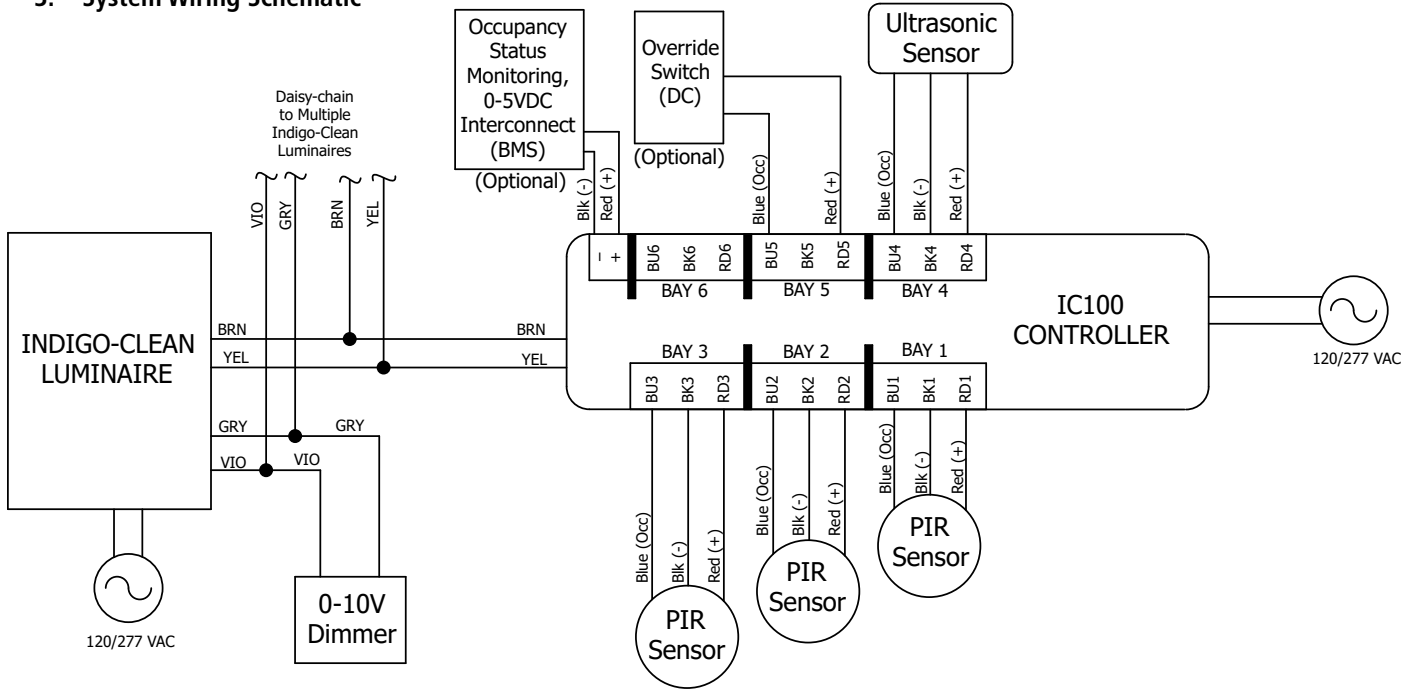
OCCH: In Occupancy High, reading approximately 10V DC indicates the controller is working. Remove the jumper and you should read less than 5V DC.

OCCL: In Occupancy Low, reading less than 5V DC indicates the controller is working. Remove the jumper and you should read approximately 10V DC.

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:

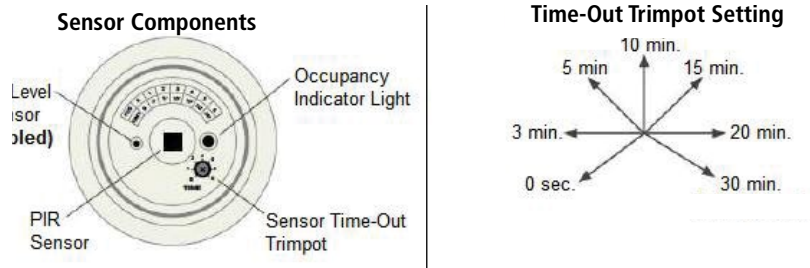
- Red wire to RD (Bay 1,2,3)
- Blue wire to BU (Bay 1,2,3)
- Black wire to BK (Bay 1,2,3)



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:** Occupancy on controller is indicated when both Red and green indicator LEDs are on. Just green indicates a control is connected to the bay. Illustration below shows no control on Bay 6 and Bay 1 through 5 have controls and are seeing occupancy.

