IC150 QUICK START GUIDE

Override Switch (Optional)

- **Purpose:** Manual Override holds luminaire in White Disinfection Mode.
- **Electrical connection:** Can be wired to any available IC150 bay. Low voltage wiring should be isolated from line-voltage.
- **Operation:** When the IC150 detects a contact closure, the luminaire will hold in White Disinfection Mode, regardless of occupancy, until disabled.
- **Switch:** Single pole, single throw. Customer supplied.

Signal Wires

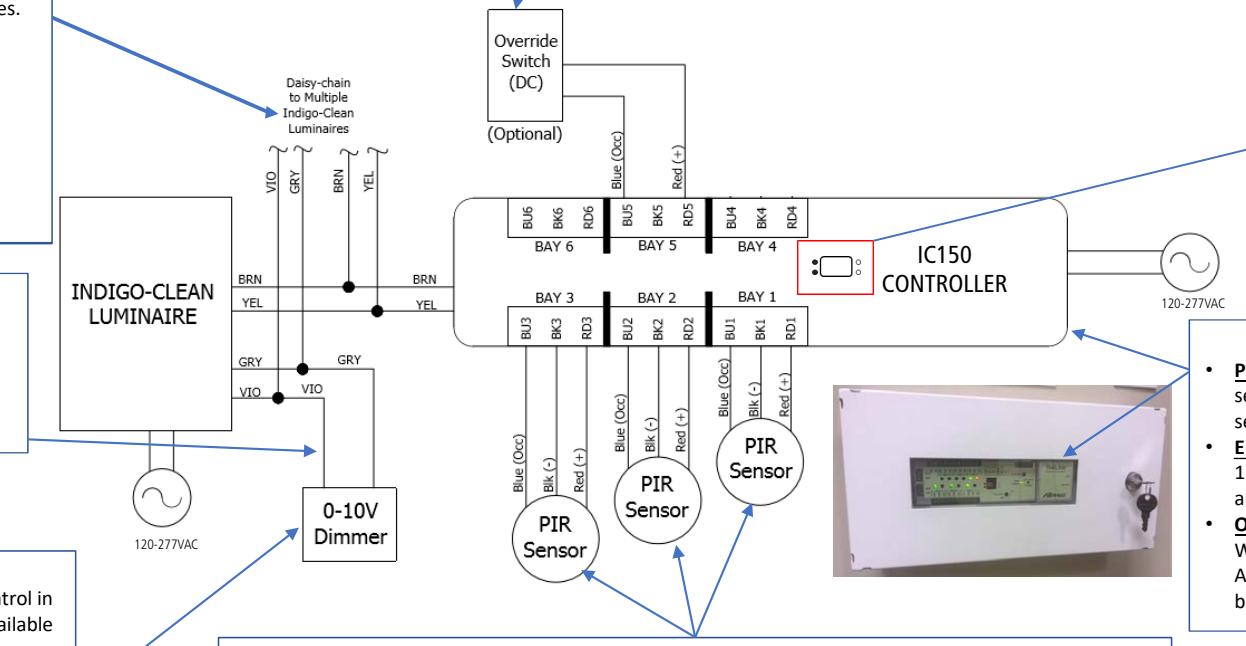
- **Purpose:** Controls luminaire output for White Disinfection and Indigo Modes.
- **Electrical connection:** Connection between the IC150 Controller and Luminaire via Yellow and Brown wires.
- **Operation:**
  - **OCCL Program**
    0V DC = White Mode
    10V DC = Indigo Mode
  - **OCCH Program**
    10V DC = White Mode
    0V DC = Indigo Mode
- **Wires:** Customer supplied.

0-10V Dimming Wires

- **Purpose:** Luminaire dimming control.
- **Electrical connection:** Connected to 0-10V dimming source via Grey and Violet wires.
- **Wires:** Customer supplied.

0-10V Dimmer

- **Purpose:** Allows for intensity control in White Disinfection mode. Not available during Indigo Mode.
- **Electrical connection:** Wired to luminaire via Grey and Violet wires.
- **Operation:** Provides luminaire dimming, however not available in Indigo Mode.
- **Dimmer:** Current-sink dimmer to have a ≤0.7V-10V range.



IC150 Controller

- **Purpose:** Control Module for mode selection, occupancy detection, and sensor status.
- **Electrical connection:** Input - 120-277VAC, 50/60Hz; Output - 24VDC to all sensors and override switch.
- **Operation:** When occupancy is detected, White Disinfection Mode is activated. After the set occupancy timeout has been reached, Indigo Mode is activated.

PIR Sensor (Passive Inferred Sensors)

- **Purpose:** Sensing Occupancy.
- **Electrical connection:** 24VDC is provided to the sensors via IC150 Controller Module.
- **Operation:** The sensor has an internal non-occupancy timer and provides the IC150 Controller with occupancy status of the room.
- **Setting:** A 30 minute non-occupancy timeout is set as a default. In field adjustment is available to fine tune the timeout to meet application needs.
- **Wiring:** Customer supplied.

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