

INDIGO-CLEAN™ ROOM CONTROLLER SYSTEM

IC100 SERIES

PRODUCT FEATURES:

- » Room-level Disinfection Mode Control
- » Infrared & Ultrasonic Occupancy Detection

SPECIFICATIONS

IC100 CONTROLLER: Centralized, zonal whole room continuous disinfection. Automatically switches Indigo-Clean luminaires between white disinfection and Indigo-Clean disinfection modes. Receives input from (1) ultrasonic and up to (5) passive-infrared (PIR) sensors with optional switch (by others). 0-10VDC dimming signal output to luminaires. Integral LED indicators provide system status. Dual technology controller requires input from both PIR and ultrasonic sensors. Maximum source current per controller: 60mA.

IC100 SENSORS: Operates on low-voltage power provided by the IC100 Controller. System includes three (3) passive infrared (PIR) sensors and one (1) ultrasonic, high-frequency (40kHz), sensor.

CONTROLLER HOUSING: Seam-welded 18-gauge CRS. White TGIC polyester powder coat finish with five-step pre-treatment. Housings provided with multiple 1/2" and 3/4" conduit knockouts. Controller housing includes clear polycarbonate window for viewing of system status indicators. Silicone gasketing. Pin-tumbler style keyed lock. All locks are keyed alike, two keys included.

INSTALLATION: Controller housing suitable for mounting to wall or ceiling surfaces with four-point mounting. Un-switched 120VAC or 277VAC input required for the IC100 controller. All signal cabling shall be wired Class I with 18AWG, 600V TFFN wire. IC100 ultrasonic and PIR sensors suitable for mounting to ceiling junction box.

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____



Controller



Ultrasonic Sensor
One (1) Included



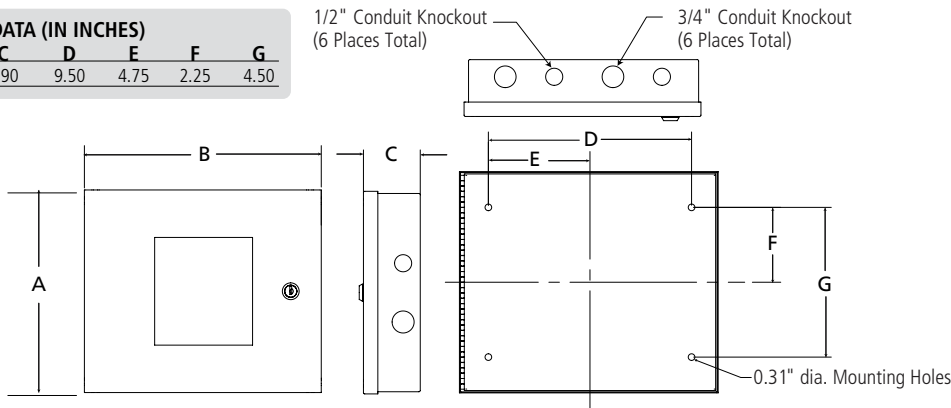
PIR Sensor
Three (3) Included

DIMENSIONAL DATA

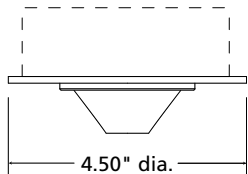
DIMENSIONAL DATA (IN INCHES)

A	B	C	D	E	F	G
6.85	14.10	2.90	9.50	4.75	2.25	4.50

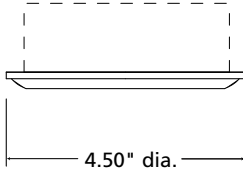
CONTROLLER HOUSING



PIR SENSOR



ULTRASONIC SENSOR

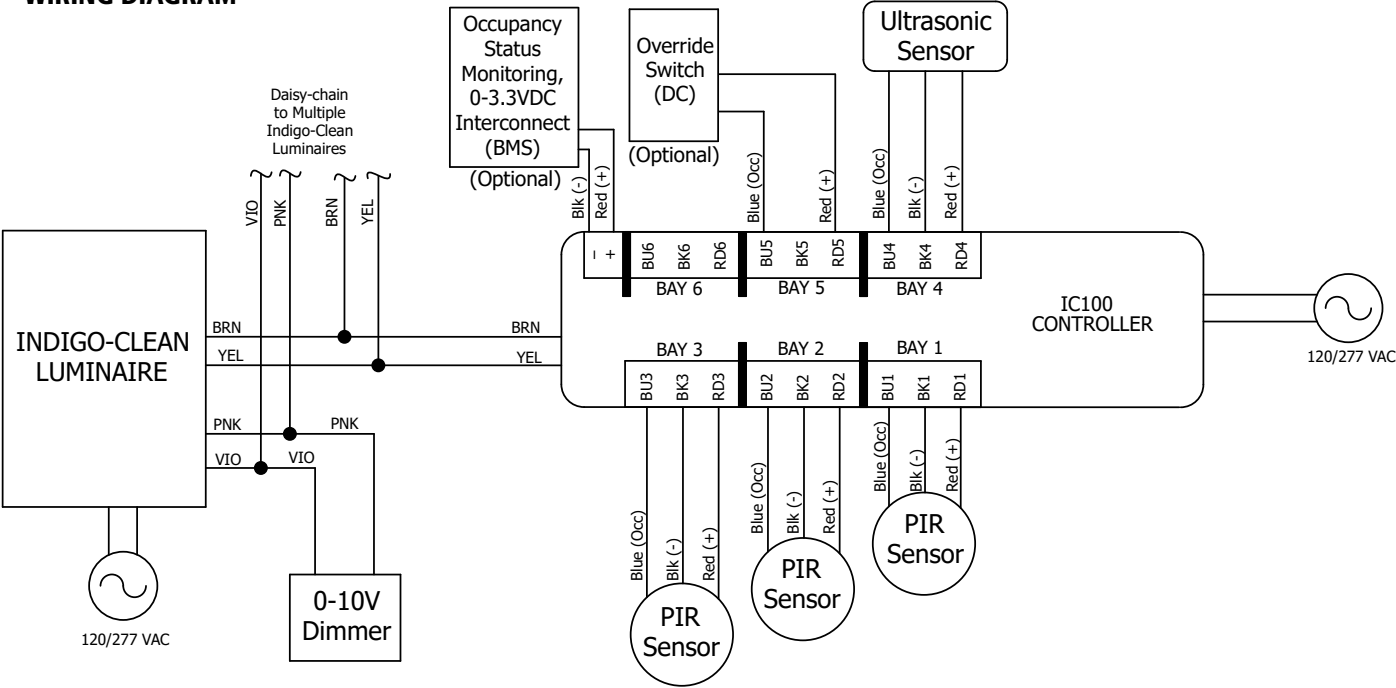


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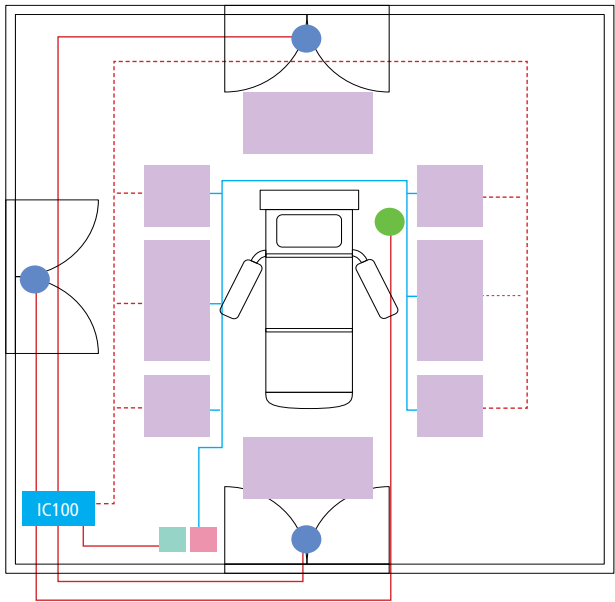
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INDIGO-CLEAN™ ROOM CONTROLLER SYSTEM

IC100 SERIES
WIRING DIAGRAM



TYPICAL LUMINAIRE/IC100 CONTROLS ROOM LAYOUT



- Indigo-Clean Fixtures
- Ultrasonic Sensor
- Passive Infrared Sensor
- External 0-10V Dimmer
- White Disinfection Mode Override Switch (DC) <OPTIONAL>

IC100 Mode Control Load Limits

Product	Source Current per Luminaire (mA)	Max Luminaires per IC100 Controller
M4SEDIC-14	2	30
M4SEDIC-22	2	30
M4SEDIC-24	4	15
MEIC-22	1	60
MEIC-24	2	30
M4DLIC6	1	60

NOTE: Multiple Indigo-Clean product types may be controlled from a single IC100 controller as long as the maximum sink current rating (60mA) is not exceeded.



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