

INDIGO-CLEAN™ ROOM CONTROLLER SYSTEM

IC75 SERIES

PRODUCT FEATURES:

- » Room-level disinfection mode control via occupancy detection
- » Works in conjunction with Indigo-Clean MDLIC6 recessed downlight series to provide white LED light or 405nm light mode
- » Dual-technology sensors with ceiling or wall-mounting options for installation flexibility

SPECIFICATIONS

OCCUPANCY SENSOR (CEILING-MOUNT): Low-profile, dual-technology (PIR and 40kHz ultrasonic) occupancy sensor with 360° coverage pattern; 120, 230 or 277VAC, 50/60Hz line-voltage input and control with zero-crossing relay for long-life; ultrasonic and PIR sensitivity adjustment; Detection Signal Processing eliminates false triggers and provides immunity to EMI; installation to 4" octagonal junction box; white color faceplate; factory set time delay of 15 minutes.

OCCUPANCY SENSOR (WALL-MOUNT): Dual-technology (PIR and ultrasonic) wall switch occupancy sensor with high-sensitivity and dense coverage pattern; 120/277VAC, 50/60Hz line-voltage input and control with zero-crossing relay for long-life; ultrasonic and PIR sensitivity adjustment; Detection Signal Processing eliminates false triggers and provides immunity to EMI; installation into single gang wall switch; white color faceplate; selectable audible alert for impending mode change; factory set to Auto-ON with factory set time delay of 15 minutes.

INSTALLATION: One (1) occupancy sensor shall control all Indigo-Clean MDLIC6 downlights within a single room (800W load limit). Installations shall be wired to separate circuits between existing/primary room lighting and the Indigo-Clean downlights.

LISTINGS: All components carry a UL and cUL Listing by the respective manufacturer(s).

WARRANTY: All components carry a five (5) year warranty by the respective manufacturer(s).



Ceiling-Mounted Sensor (IC75-CMS)



Wall-Mounted Sensor (IC75-WMS)

ORDERING INFORMATION – SENSOR MODULE

Sensor

Sensor

IC75-CMS Ceiling-Mounted Occupancy Sensor

IC75-WMS Wall-Mounted Occupancy Sensor

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____



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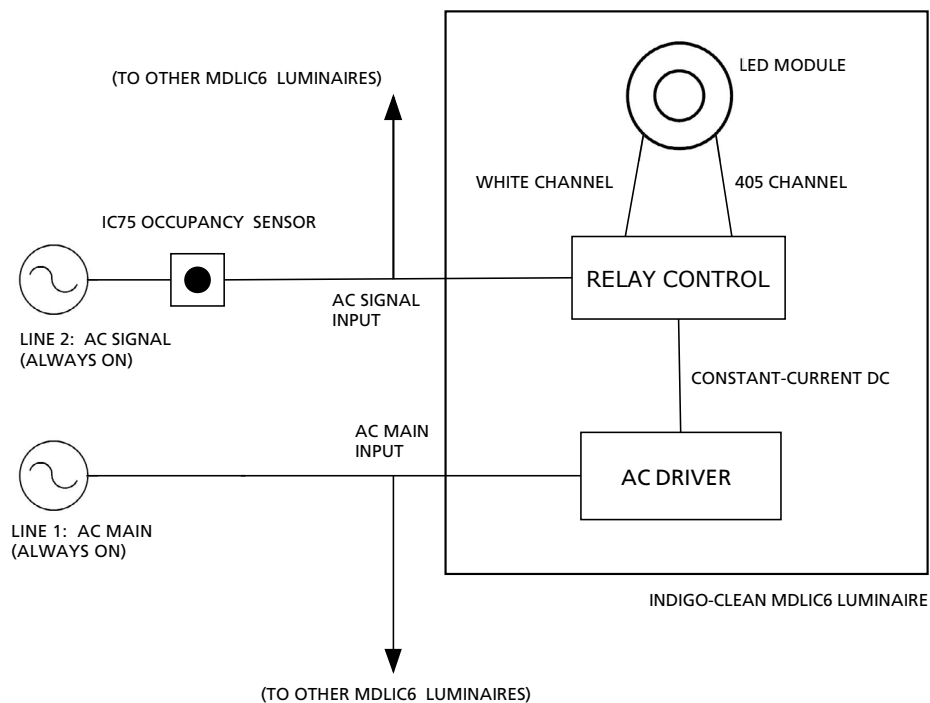
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IC75-040820

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WIRING SCHEMATIC



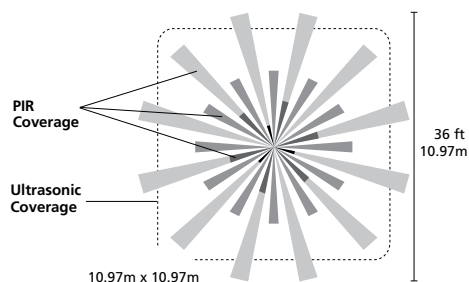
CONTROL LOGIC DIAGRAM

AC MAIN INPUT	AC SIGNAL INPUT	LIGHTING OUTPUT MODE
OFF	OFF	OFF
OFF	ON	OFF
ON	OFF	405 MODE
ON	ON	WHITE MODE

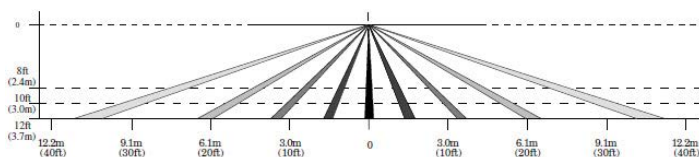
NOTE: Power to 'AC Main' and 'AC Signal' input should always be ON to ensure proper disinfection capability.

OCCUPANCY SENSOR COVERAGE PATTERN

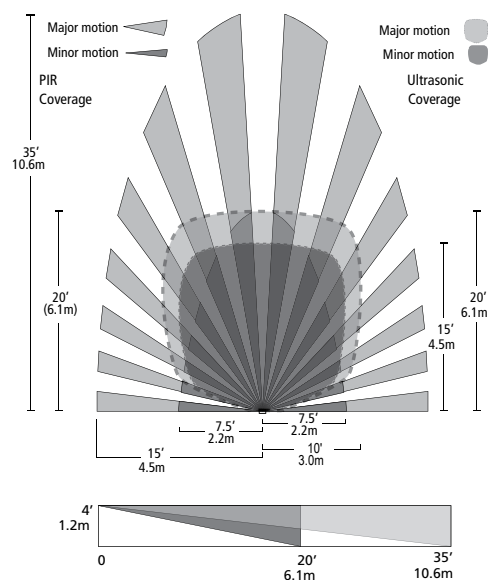
Ceiling-Mounted Sensor Coverage Pattern (IC75-CMS)



Side View - Ceiling-Mounted Sensor Coverage Pattern (IC75-CMS)



Wall-Mounted Sensor Coverage Pattern (IC75-WMS)



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