



CRC5301 / CRC5311

2-WIRE CEILING MOUNT

OCCUPANCY SENSOR LADDERLESS



OVERVIEW

The CRC5301, powered by NexLight's 2-Wire system, is a main ceiling mount PIR occupancy sensor that is used to detect occupancy and automatically switch lighting ON and OFF as needed. Detection may be expanded with the CRC5311 auxiliary PIR sensor. After mounting and setting initial address, all features and settings can be adjusted via IPC/SPC software. Occupancy status can be monitored on IPC/SPC software.

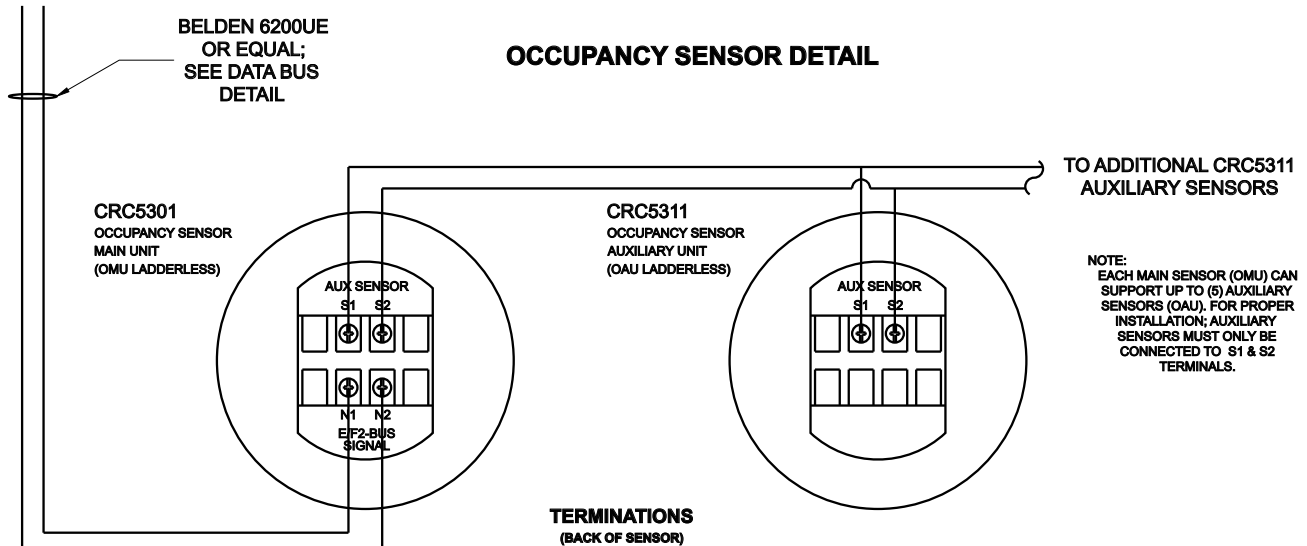
FEATURES

- Provides Occupancy/Vacancy sensing via programming
- Provides OFF-Delay of up to 30 minutes for an additional auxiliary load
- Detection area can be increased by adding up to 5 CRC5311 auxiliary sensors
- Includes adjustable photocell to prohibit lights from turning ON when a user defined level of natural daylight is present
- Can be remotely enabled/disabled via switches or timeclock on 2-Wire system

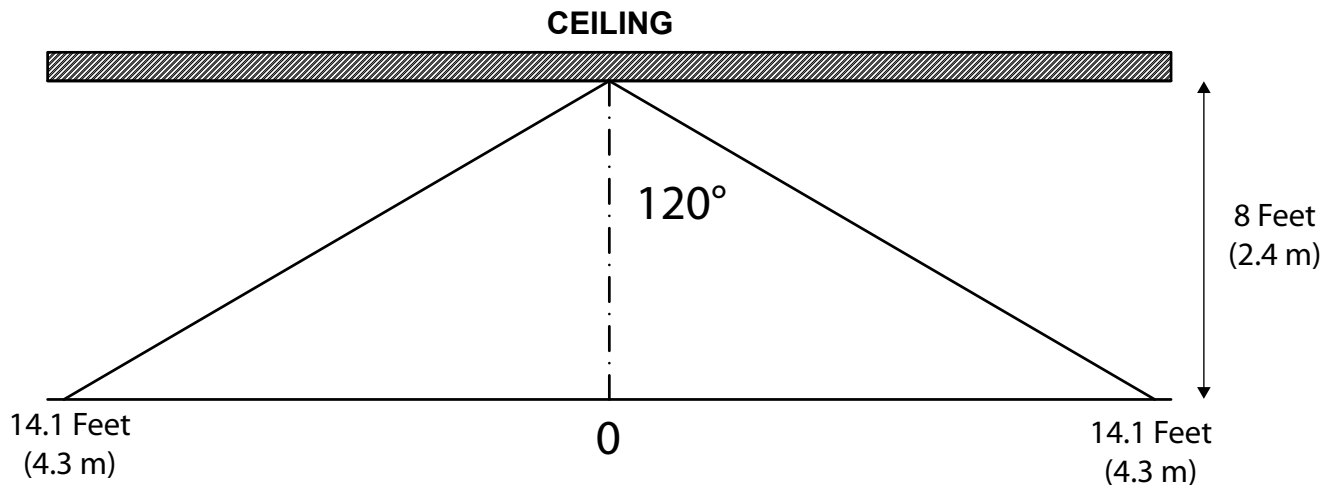
SPECIFICATIONS

Size:	4.13" Ø x 2.95" D (Overall) (105Ømm x 75mm)
Weight:	3.75 oz
Mounting:	Recessed Ceiling Junction box with mud ring 4" Octagon or Handy Box
Input Signal:	±24VAC 20 mA
Operating Temp:	14 to 131°F (-10 to 55°C)
Programming:	Via CRC6400 IPC/SPC Setting Menu

WIRING



DETECTION AREA



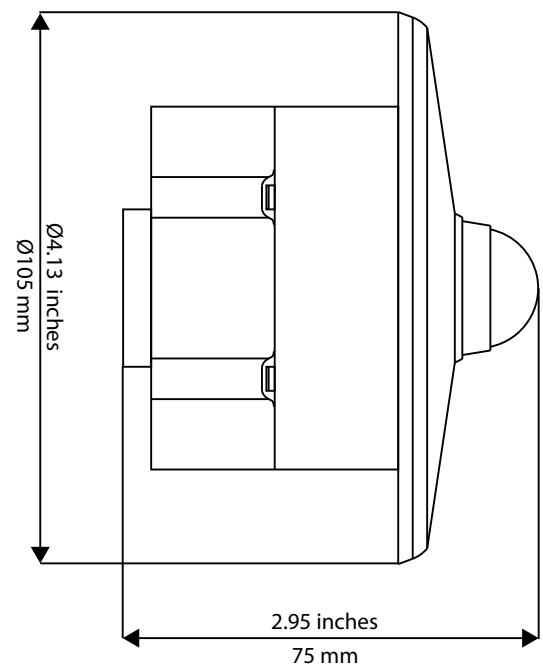
- Maximum installing height of 14 feet (4.2 m)
- Lens can be adjusted up to 15° in any direction
- Each additional auxiliary sensor added to the master sensor increases the detection area by the same amount

PROGRAMMING

- Channel 1: Sensor Address
 - Channel 2: Lux Level Memory 1
 - Channel 3: Lux Level Memory 2
 - Channel 4: Occupancy Status Monitoring
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- To enable/disable: control channel 1 address
 - The addresses set in Channels 1-4 must be unique to the NexLight system the sensor is installed on, no duplicates are allowed.

*NOTE: These sensors will only operate with the CRC1201 and CRC1301 controllers. They will not work with older CRC1001 or Panasonic Transmission Units as they use the technology of the new style controllers for programming and control of the ladderless features.

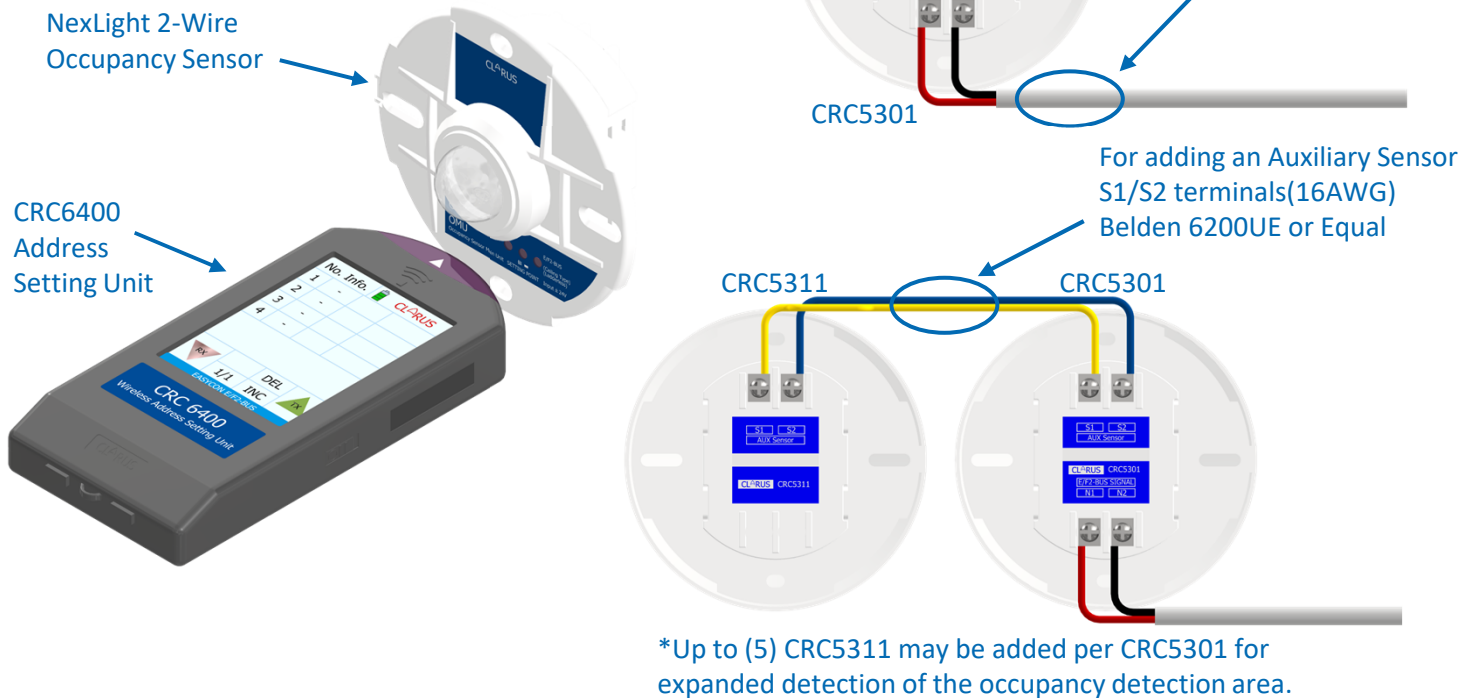
DIMENSIONS



****NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**

2-Wire Network

LOW VOLTAGE OCCUPANCY SENSORS



APPLICATION OVERVIEW

The NexLight Lighting Control System features fully addressable ceiling mount occupancy sensors that provide the flexibility to control any addresses on the 2-Wire Data Bus. The CRC5301 Occupancy Sensor Main Unit (OMU) accepts addressing from the CRC6400 Address Setting Unit. Configuration of how the sensor operates is ladder-less and performed within the Graphic User Interface (GUI). This sensor is ideal for corridor High/Low operations in addition to classrooms, offices, lobbies because you can easily disable the sensor operation during scheduled timeframes. No supplementary power supply is required for control power, the only connection needed is to the NexLight 2-Wire Data Bus.

APPLICATION HIGHLIGHTS

- Use with R Series, D Series or a Custom Panel.
- Ladder-less configuration through the NexLight Graphic User Interface (GUI).

TYPICAL DATA BUS CONNECTIONS

