# 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.

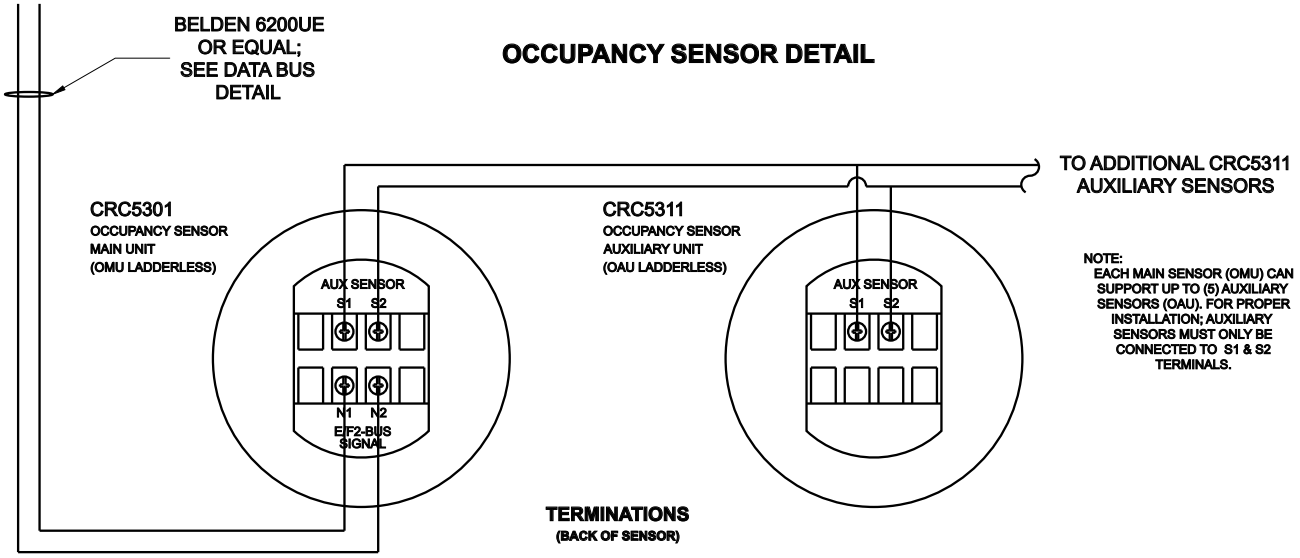
## FEATURES

- 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

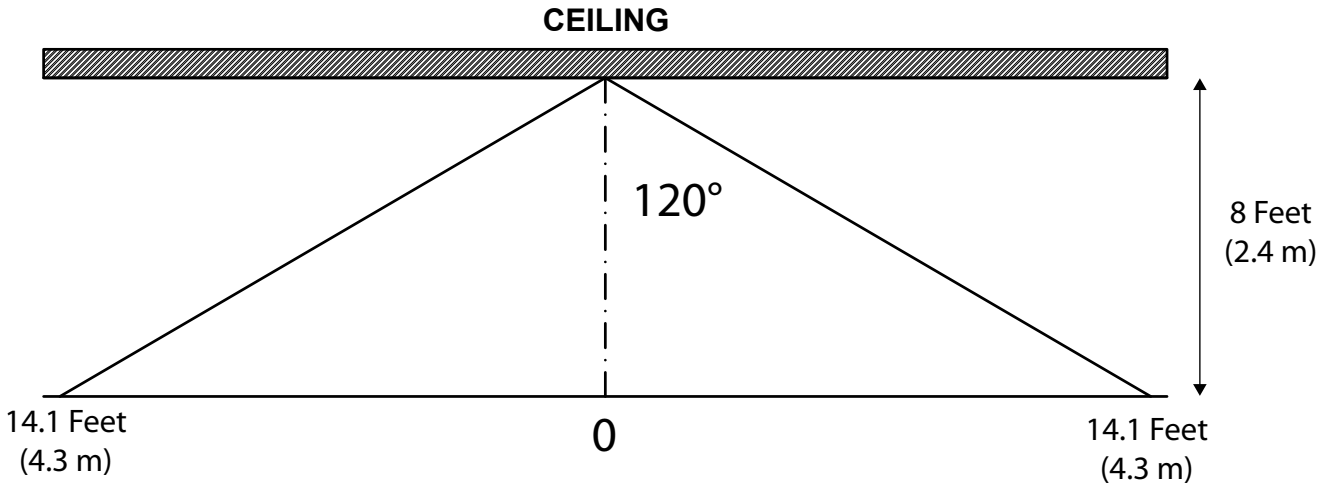
## SPECIFICATIONS

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

- 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