

| Specification Data |  |
|--------------------|--|
| Job Name           |  |
| Type               |  |
| Catalog #          |  |
| Comments           |  |

## PRODUCT OVERVIEW

The SNV-CS-10 Combo Sensor is an intelligent wireless lighting controller that simplifies the integration of advanced controls into LED luminaires. Built on the SimplySnap platform, it combines wireless control, occupancy sensing, and a photocell into a single compact device. The SNV-CS-10 is available with multiple connector options and housing colors, making it easy to integrate into a wide range of luminaires without fixture redesign.

By integrating sensors and controls into one controller, the SNV-CS-10 reduces wiring, installation time, and system cost—making it ideal for indoor applications such as warehouses and industrial spaces.

When paired with a SimplySnap Site Controller, the SNV-CS-10 enables scalable, code-compliant lighting control that meets ASHRAE 90.1, Title 24, and DLC NLC requirements today, while providing a flexible platform for future energy and control needs.

## KEY FEATURES:

- Native SimplySnap Integration
- Integrated PIR Occupancy Sensing
- Integrated Photocell
- Multiple Connector Options
- White or Black Housing Options
- DLC Listed
- Self-healing 2.4GHz SNAP Mesh Networking
- Requires DIM-to-OFF LED Driver



| Product #      | Description                           |
|----------------|---------------------------------------|
| SNV-CS-10-W35J | Sensor Controller, White, 3.5mm Audio |
| SNV-CS-10-B35J | Sensor Controller, Black, 3.5mm Audio |
| SNV-CS-10-W3P  | Sensor Controller, White, Pogo Pins   |
| SNV-CS-10-B3P  | Sensor Controller, Black, Pogo Pins   |
| SNV-CS-10-W3W  | Sensor Controller, White, Wires       |
| SNV-CS-10-B3W  | Sensor Controller, Black, Wires       |

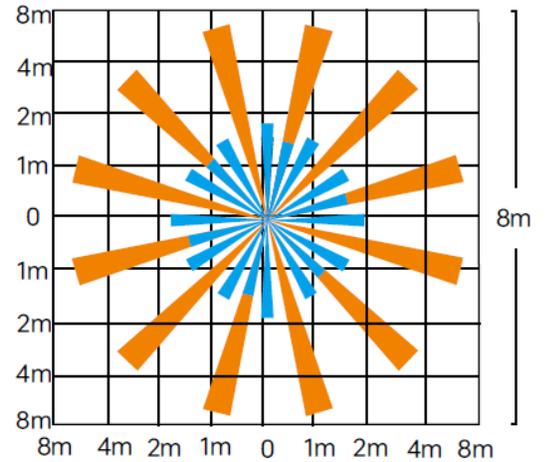
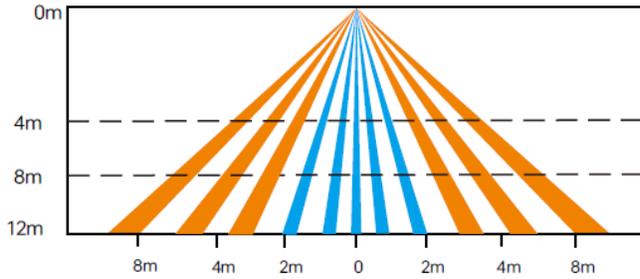
## SPECIFICATIONS:

|                       |  |
|-----------------------|--|
| Dimensions            | 1.9" D x 1.5" H<br>(48mm D x 39mm H)   |
| Thread Dimensions     | 0.79" D x 0.3" H, M20 Thread<br>(20mm D x 7.5mm H)                               |
| Input Power           | 12-24 VDC +/- 10%, 1200mW<br>(max)   |
| Operating Environment | 0°C to +45°C<br>10% to 95% RH, non-condensing                                    |
| Enclosure Rating      | IP65   |
| Dimming               | 0-10V (20mA Sink max)  |
| Wire Size             | 20 AWG, 13.5" Wires, UL 1015<br>rated, 600V rated (-x3W only)                    |
| Motion Sensor         | PIR, up to 40 ft. height (12m)   |
| Radio                 | SNAP 2.4GHz ; 802.15.4<br>+20 dBm Transmit Power<br>-105 dBm Receive Sensitivity |
| Certifications        | FCC, IC, cULus, DLC, RoHS  |
| Warranty              | 5 Years<br><a href="#">Warranty Terms</a>  |

# STATUS LEDs

| STATUS LED | STATUS                       |
|------------|------------------------------|
| Red        | Motion Detected              |
| Green      | On for 5 seconds for boot up |

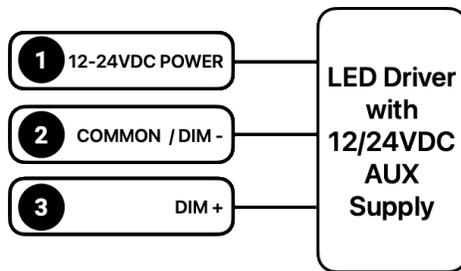
# LENS COVERAGE



The detection area for movement sensor can be roughly divided into two parts:

- Slow movement (person moving <math>< 1.0/s</math> or <math>0.3m/s</math>)
- Quick movement (person moving > <math>1.3/s</math> or <math>0.4m/s</math>)

LIGHTING CONTROLLER + SENSOR



# WIRING DIAGRAMS

