

PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

LOW VOLTAGE CEILING MOUNT SENSOR - SILVAIR

Overview:

c-Max Network Partners features additional networked lighting controls proposition that seamlessly combines MaxLite's broad c-Max controls ready luminaires with other technology partners control systems. This new wireless offering extends MaxLite's c-Max Lighting controls solutions to now include Silvair's Bluetooth NLC and DLC 5.0 qualified system featuring a globally interoperable lighting controls ecosystem. Built on the value proposition of c-Max controls architecture, it now brings scalable lightingcontrols in an affordable manner.



CNSL-PSW-SL

Applications:

- Offices
- Hospitals
- Schools
- Industrial
- Retail

Features:

- Wirelessly communicates with other Bluetooth mesh network devices to provide light level control in the space.
- Passive Infrared with Daylight Harvesting
- Easy Commissioning with Silvair App (Available in iOS and Android)
- Built-in 20mA 0-10V signal output
- LED status indicator light
- Check <https://www.maxlite.com> for c-Max fixture compatibility
- 5 Year Warranty

System Highlights:

- Designed to support large-scale installations deployed in commercial environments, offers powerful commissioning, fine-tuning, and everyday management features.
- Can add up to 8,000 devices to one project
- Silvair firmware provides enterprise-level reliability, scalability and security
- DLC NLC5 compliant with technology stack based on open wireless standards - Bluetooth NLC qualified
- Flexible access to data via in-app dashboards or API
 - Occupancy analytics and energy monitoring via Connected Lighting Services dashboard
 - Intuitive API including Occupancy, Scheduling, System monitoring and Remote control
- Intuitive web app and mobile app for easy commissioning and provisioning
 - Faster commissioning with Duplicate zone feature and ability to set zone profiles remotely
- Ability to link zones in an Area, perform OTA firmware updates via mobile app, or add gateway for advanced connected lighting services

Specifications

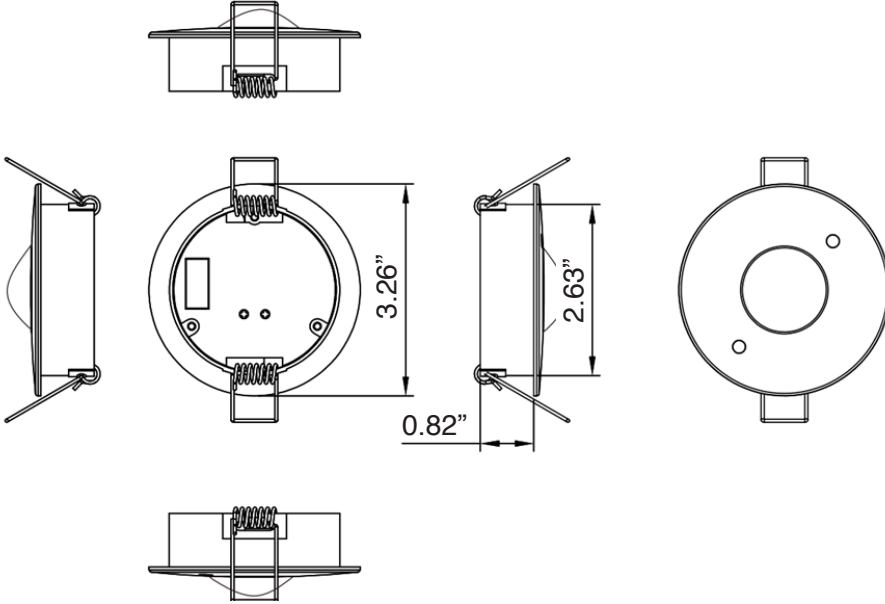
	CNSL-PSW-SL
PRODUCT TYPE	PIR Occ/Vac Ceiling Sensor
INPUT VOLTAGE	12-24VDC
INPUT CURRENT	Max 60mA
MOUNTING	T-Grid Ceiling
MAX DETECTION RANGE	40 ft Dia. @ 12ft mounting height
OPERATING TEMPERATURE	-4°F to 130°F / -20°C to 50°C
RELATIVE HUMIDITY	8-80% non-condensing at 25°C
CERTIFICATION	cULus Listed E511069 Light-emitting-diode Controllers
CYBERSECURITY	ioXt Certified
CONTROL OUTPUT	Analog 0-10V (Linear)
RADIO FREQUENCY	2.4GHz ± 75MHz
WIRELESS STANDARD	Bluetooth NLC v2.30+
PROGRAMMING	Silvair App iOS and Android
FCC	47 CFR Part 15, Subpart C 15.247
BQB	D066483
ENVIRONMENT	Indoor Use Only
COLOR	WHITE

Ordering Information

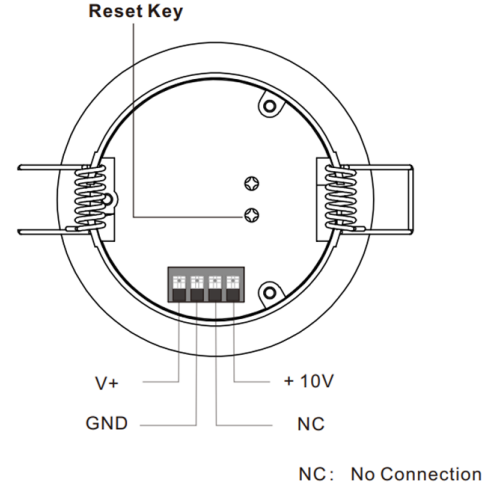
MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
CNSL-PSW-SL	SILVAIR CEILING SENSOR 12-24V, BLUETOOTH/ PIR MOTION SENSOR, DAYLIGHT HARVEST, WHITE	767627058509	111145

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Product Dimensions

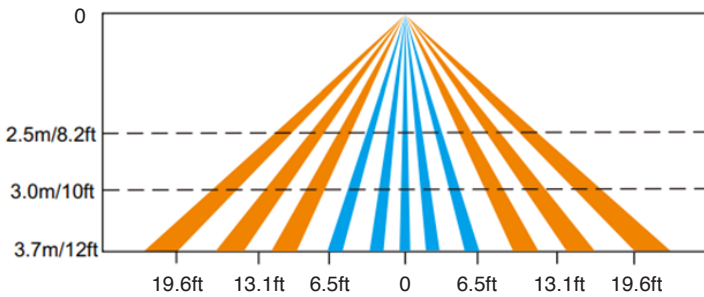


Wiring Diagram



Detection Coverage

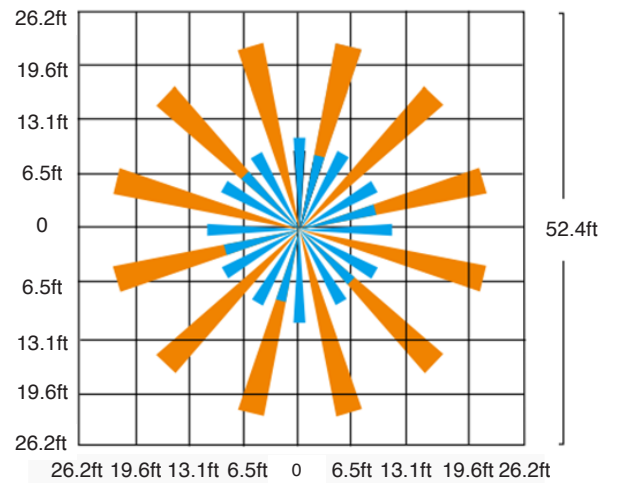
Coverage Side View



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

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

Coverage Top View

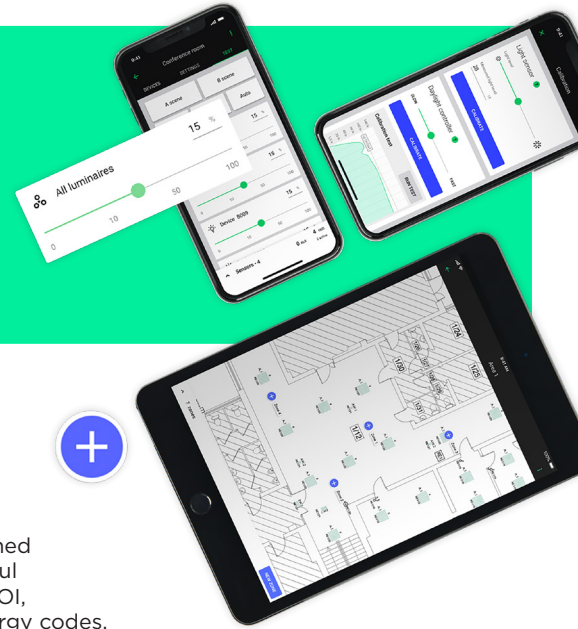




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Technology Partner **SILVAIR**

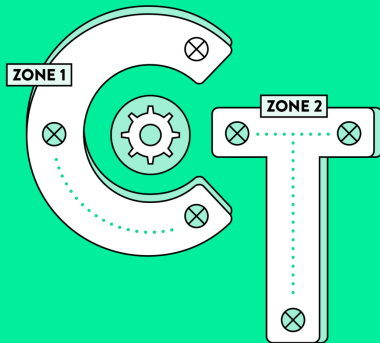
Silvaair provides a reliable lighting control technology based on the globally interoperable Bluetooth mesh standard. Whether you are a component manufacturer, a facility manager, or an energy service company, you can easily deploy our solutions to strengthen your competitive advantage and create new revenue streams.



Commissioning tools for installers

Advanced strategies have never been easier

We provide intuitive apps for standard-compliant Bluetooth mesh lighting networks. Designed to support large-scale installations deployed in commercial environments, they offer powerful commissioning, fine-tuning, and everyday management features. The bottom line is faster ROI, shortened path to advanced control strategies, and facilitated compliance with building energy codes.



Plan every detail from the comfort of your desk

Silvaair Applications

[Web App](#)

[iOS App](#)

[Android App](#)