

PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_  
NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

## ROUND SILVAIR NETWORK BLE NODES AND SENSORS



NN-RDMSW-SL

### 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 Silvoir's Bluetooth NLC and DLC 5.0 qualified system featuring a globally interoperable lighting controls ecosystem. It features USB-C based sensors and nodes based on Bluetooth NLC open standards.

### Applications:

- Industrial
- Warehouses
- Schools
- Commercial

### Features:

- Luminaire Level Lighting Control (LLLC) enabled with wireless Bluetooth NLC
- Simple "Plug-and-Play" Connection - Easy to install in the field with pre-installed USB-C receptacle in Maxlite Controls Ready luminaires
- Easy Commissioning with Silvoir App (Available in iOS and Android)
- Local Bluetooth Network with no gateway needed
- Occupancy/Vacancy and Daylight Harvesting on select models
- Individual Addressability and/or Grouping
- Multi-level dimming: Manual ON/OFF Automatic ON/OFF, and Automatic Partial ON/OFF control capability
- Ability to create scenes for more customized dimming scenarios
- Time clock scheduling for individual lights, groups, or scenes
- High-Trim/Tuning sets the maximum light level based on customer requirements
- Includes locking screw to resist vandalism and withstand vibration (Requires 1.5mm Allen wrench)
- 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 upto 8,000 devices to one project
- Silvoir firmware provides enterprise-level reliability, scalability and security
- DLC NLC5 complaint 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

### Ordering Information

MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
NN-RDMSW-SL	SILVAIR NETWORK NODE ROUND, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	767627058554	111150

## ROUND SILVAIR NETWORK BLE NODES AND SENSORS

### Specifications

	NN-RDMSW-SL
BLE CONTROL NODE	Yes
DAYLIGHT HARVESTING	Yes
PIR MOTION SENSOR	Yes
DETECTION MODE	Occupancy/Vacancy
OVERALL DIMENSIONS	Ø63mm x 48.2mm
WEIGHT	1.92oz (55g)
CONNECTOR PORT	USB-C
OPERATING VOLTAGE	12-24Vdc
OPERATING CURRENT	max 15mA
SINKING CURRENT	max 25mA
CONTROL OUTPUT	Analog 0-10V (Linear)
FACTORY RESET	Magnetic Reset
STATUS INDICATORS	Green (Network Status), Red (Sensor Detection)
RADIO FREQUENCY	2.4GHz ± 75MHz
WIRELESS STANDARD	Bluetooth NLC v2.30+
PROGRAMMING	Silvair App iOS and Android
CYBERSECURITY	ioXt Certified
MESH RANGE	100ft node-to-node and 50ft node-to-device (Commissioning)
SAFETY	cULus Listed E511069 Light-emitting-diode Controllers
FCC	47 CFR Part 15, Subpart C 15.247
BQB	D066483
OPERATING TEMPERATURE	-40°F to 130°F / -40°C to 55°C
COLOR	WHITE

#### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

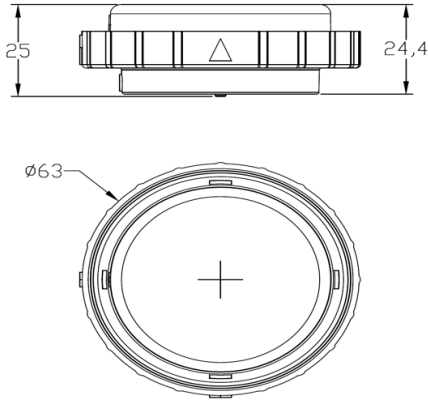
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The distance between user and products should be no less than 20cm.

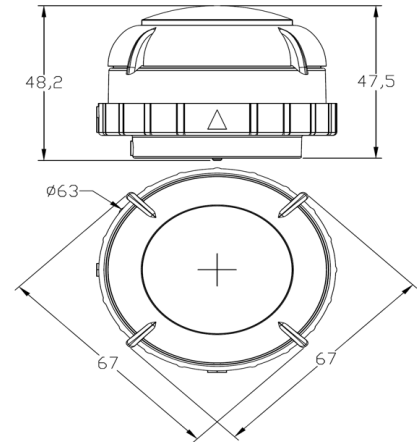
## ROUND SILVAIR NETWORK BLE NODES AND SENSORS

### Product Dimensions

**NN-RDW-SL**



**NN-RDMSW-SL**

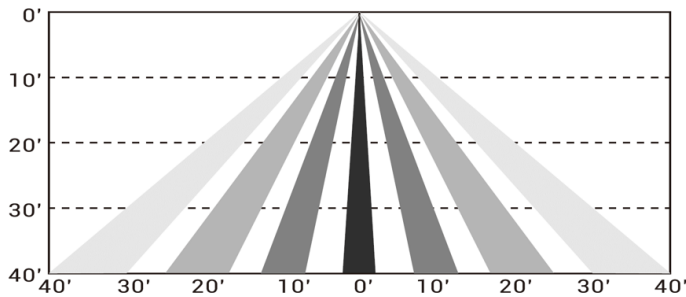


REQUIRES M1.5 ALLEN WRENCH

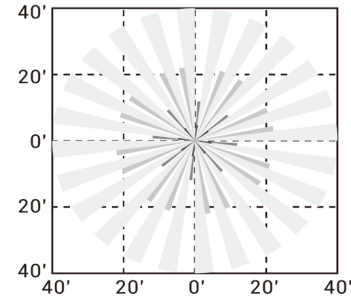
### Sensor Detection Coverage

**NN-RDMSW-SL**

SIDE VIEW



TOP VIEW



MOUNTING HEIGHT	ft (m)	10' (3)	20' (6)	30' (9.1)	40' (12.2)
MAX COVERAGE DIAMETER	ft (m)	20' (6)	40' (12.2)	60' (18.3)	80' (24.4)

## ROUND SILVAIR NETWORK BLE NODES AND SENSORS

Technology Partner

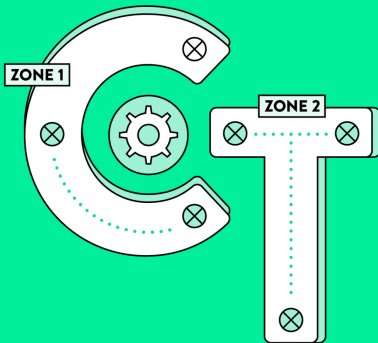
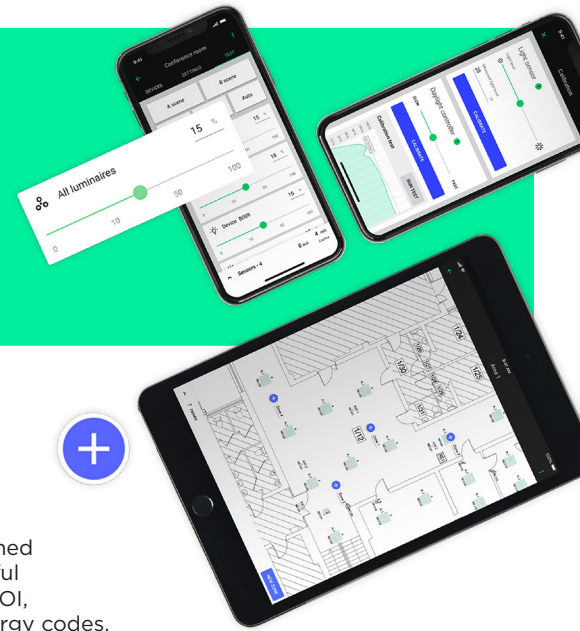
**SILVAIR**

Silvair 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**

**Silvair Applications**[Web App](#)[iOS App](#)[Android App](#)