

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

NETWORK SILVAIR GATEWAY



GATEWAY-SL

Applications:

- Offices
- Hospitals, Healthcare Facilities
- Schools, House of Workshop
- Warehouses
- Industrial, Manufacturing
- Retail, Hospitality

c-Max 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. Multiple offering using the patented c-Max USB-C ports presents customers with controls agnostic technology choices to fit their controls and IoT needs. Built on the value proposition of c-Max controls architecture, it now brings scalable lightingcontrols in an affordable manner.

Features:

- Enables remote access into the lighting network and facilitates connected services (subscription sold separately) including Energy Monitoring, Occupancy and Energy heat mapping
- Remotely control zones and scenes
- Set astronomical time clock based schedules for exterior applications
- Connect one gateway to many areas or upto 200 Bluetooth NLC devices
- Simple commissioning using the SilvaIR commissioning tools
- Linux operating system with automatic connection to SilvaIR cloud
- High level of hardware and software security (System is iOXT certified)
- Low-latency transfer of network, luminaire, and sensor status data to the SilvaIR cloud
- Schedule caching
- Automatic remote firmware updates
- Display of gateway and network performance metrics (requires the SilvaIR web app)
- Check <https://www.maxlite.com/cmax> 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
- SilvaIR 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
- Intuitive web app and mobile app for easy commissioning and provisioning
- Ability to link zones in an Area, perform OTA firmware updates via mobile app, or add gateway for advanced connected lighting services
- Superior support via Professional services including planning, commissioning, field applications and remote on-site help

Ordering Information

MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
GATEWAY-SL	NETWORK SILVAIR GATEWAY WHITE	767627058462	111141



5-year standard warranty (further details available at www.maxlite.com/warranties)

NETWORK SILVAIR GATEWAY

Specifications

Specifications	GATEWAY-SL
POWER SUPPLY	4.5–5.5 V DC, 2 A or Power over Ethernet 36–57 V DC (IEEE 802.3af)
OPERATING SYSTEM	Ubuntu Core
PROCESSOR	i.MX6ULL (Y2), 32-bit ARM 800 MHz
MEMORY	512 MB DDR3L SDRAM 8GB eMMC
COMMUNICATION PROTOCOL	Bluetooth mesh (2.4 GHz Bluetooth Low Energy)
PORTS	1 x RJ45 10/100 Ethernet and 1 x USB 2.0 Type-A
OPERATING TEMPERATURE	32°F to 140°F / 0°C to 60°C
DIMENSIONS	127 mm x 127 mm x 30 mm (5" x 5" x 1.2")
MOUNTING	Wall or surface mounted.
POSITIONING	Geometrical center of the lighting network as possible
FCC	47 CFR Part 15, Subpart C 15.247
COLOR	White

Requirements

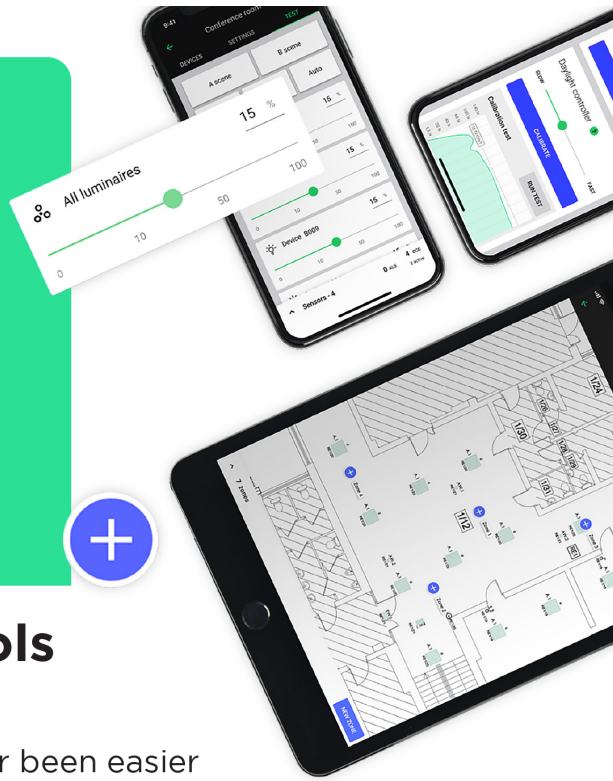
1. Gateway must be connected to a power supply.
2. Gateway must be connected to the internet.
3. Gateway must be installed as close as possible to the geometrical center of the network (that is, within radio range of as many nodes as possible).
4. Gateway must be placed as far away as possible from potential sources of interference (for example, high power electrical equipment, transmitters, or building features that could block the radio signal).
5. Gateway must be assigned only to one project.
6. For scheduling only, one gateway can schedule events in multiple areas.
7. For monitoring / remote control, one gateway must be used per area.
8. For energy/occupancy monitoring, one gateway can serve approximately 200 devices.
9. Radio communication between all areas in a project must be maintained for services to work correctly. The devices must be positioned so that after they are commissioned into a network there is a radio connection between them.

NETWORK SILVAIR GATEWAY

Commissioning

Technology Partner
SILVAIR

Silvair provides a reliable lighting control technology based on the globally interoperable Bluetooth® NLC 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

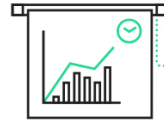
Silvair provides intuitive apps for standard-compliant Bluetooth® mesh lighting networks. Designed to support large-scale installations deployed in commercial environments, they offer powerful commissioning, fine-tuning, and everyday management features. The bottom line is faster ROI, shortened path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



Wire-like performance



Global interoperability



Short time-to-market



Minimum effort



Simple



Time-efficient



Convenient



Affordable