

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

120-277V SILVAIR NETWORK ZONE CONTROLLERS (5A AND 20A 0-10V)



NPP-ZC05A-SL



NPP-ZC20A-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 Silvaire'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.

Applications:

- Offices
- Warehouses
- Hospitals
- Industrial
- Schools
- Retail

Features:

- Easy Commissioning with Silvaire App (Available in iOS and Android)
- Local Bluetooth Network with no gateway needed
- 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 in each space
- Individual addressability and/or grouping (lesser of up to 5A load (NPP-ZC05A-SL) and 20A load (NPP_ZC20A-SL) or 20mA sinking current, whichever comes first)
- NPP-ZC05A or NPP-ZC20A can be used as a standalone, or grouped with other c-Max Silvaire Controls Ready Luminaires
- UL Listed as Management Equipment, Energy
- Plenum rated UL2043
- 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
- Silvaire 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

Ordering Information

| MODEL NUMBER | DESCRIPTION | UPC | ORDER CODE |
|--------------|--|--------------|------------|
| NPP-ZC05A-SL | 120-277V SILVAIR NETWORK ZONE CONTROLLER 5A 0-10V | 767627055829 | 110877 |
| NPP-ZC20A-SL | 120-277V SILVAIR NETWORK ZONE CONTROLLER 20A 0-10V | 767627055812 | 110876 |

120-277V SILVAIR NETWORK ZONE CONTROLLERS (5A AND 20A 0-10V)

Specifications

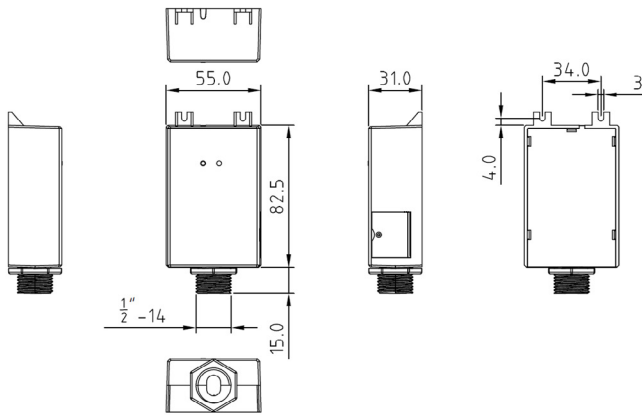
| | NPP-ZC05A-SL | NPP-ZC20A-SL |
|-----------------------|--|--------------|
| OPERATING VOLTAGE | 100-277V | |
| OPERATING FREQUENCY | 50/60Hz | |
| MAX LOAD CURRENT | 5A | 20A |
| SINKING CURRENT | 20mA | |
| DIMMING | Analog 0-10V (Linear) | |
| FACTORY RESET | RESET Button | |
| RADIO FREQUENCY | 2.4GHz ± 75MHz | |
| WIRELESS STANDARD | Bluetooth NLC v2.30+ | |
| PROGRAMMING | Silvaair 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 | 32°F to 104°F / 0°C to 40°C | |
| RELATIVE HUMIDITY | 8-80% non-condensing | |
| COLOR | White | |

Relay Ratings

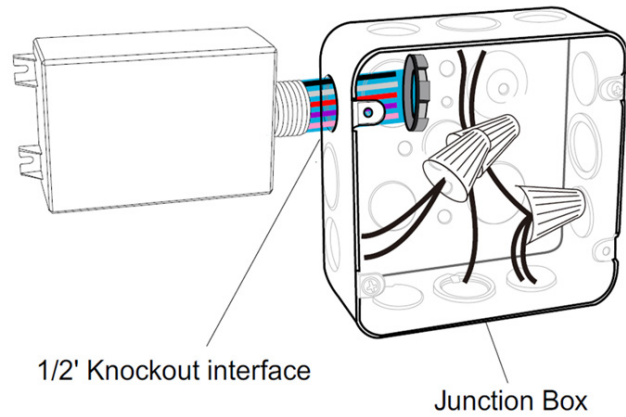
| LOAD TYPE | NPP-ZC05A-SL |
|-------------|----------------------------|
| GENERAL USE | 5A @ 120/277VAC |
| RESISTIVE | 5A @ 125VAC 5A @ 250VAC |
| INDUCTIVE | 5A @ 277VAC |
| CAPACITIVE | 8.5A @ 240VAC |
| TUNGSTEN | 1000W, 4A @ 250VAC |
| MOTOR | 1 HP @ 240VAC |

| LOAD TYPE | NPP-ZC20A-SL |
|-------------|--------------------------------|
| GENERAL USE | 20A @120/277VAC |
| RESISTIVE | 18A @120VAC 20A @277VAC |
| INDUCTIVE | 10A @240VAC |
| CAPACITIVE | 8.5A @240VAC |
| TUNGSTEN | 2000W, 8A @250VAC |
| MOTOR | 0.5 HP @120VAC 1 HP @240VAC |

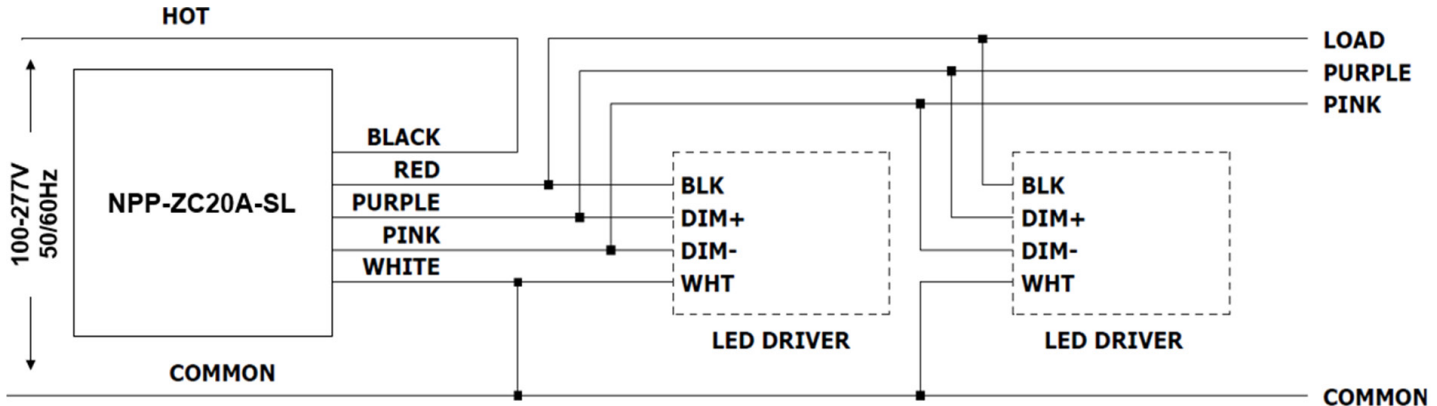
Product Dimensions



Installation



Wiring Diagram

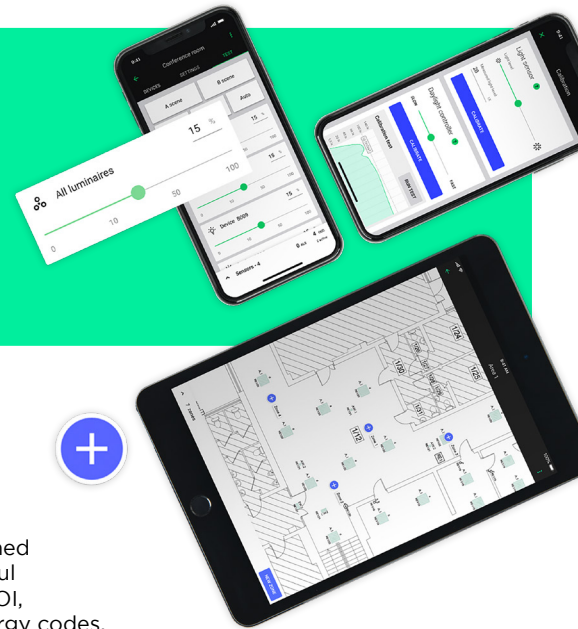


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Technology Partner

SILVAIR

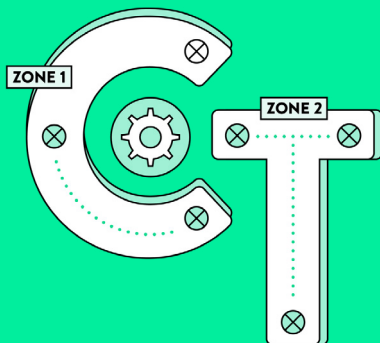
Silvaair provides a reliable lighting control technology based on the globally inter-operable Bluetooth mesh standard. Whether you are a component manufacturer, a facility manager, or an energy service company, you can easily deploy our solutions to strengthen your competitive advantage and create new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