

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

120-277V SILVAIR NETWORK ZONE CONTROLLER 20A 0-10V



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
- Hospitals
- Schools
- Warehouses
- Industrial
- 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 20A load or 20mA sinking current, whichever comes first)
- 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-ZC20A-SL	120-277V SILVAIR NETWORK ZONE CONTROLLER 20A 0-10V	767627055812	110876

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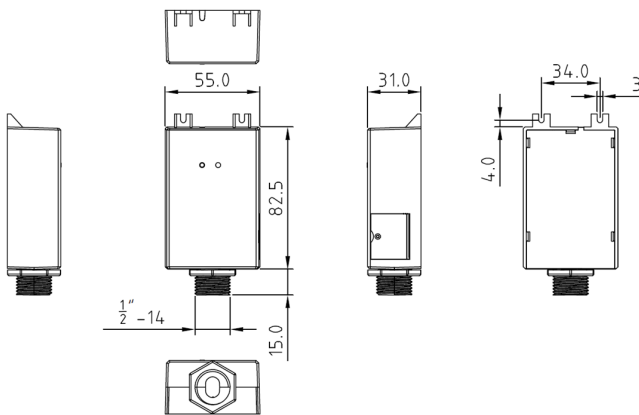
Specifications

	NPP-ZC20A-SL
OPERATING VOLTAGE	100-277V
OPERATING FREQUENCY	50/60Hz
MAX LOAD CURRENT	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	Silvaire 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

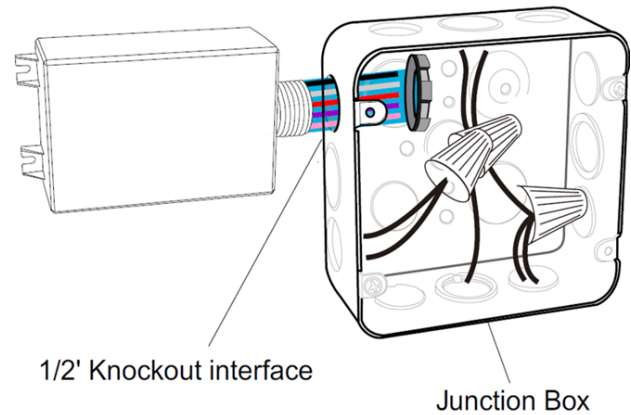
Replay Ratings

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

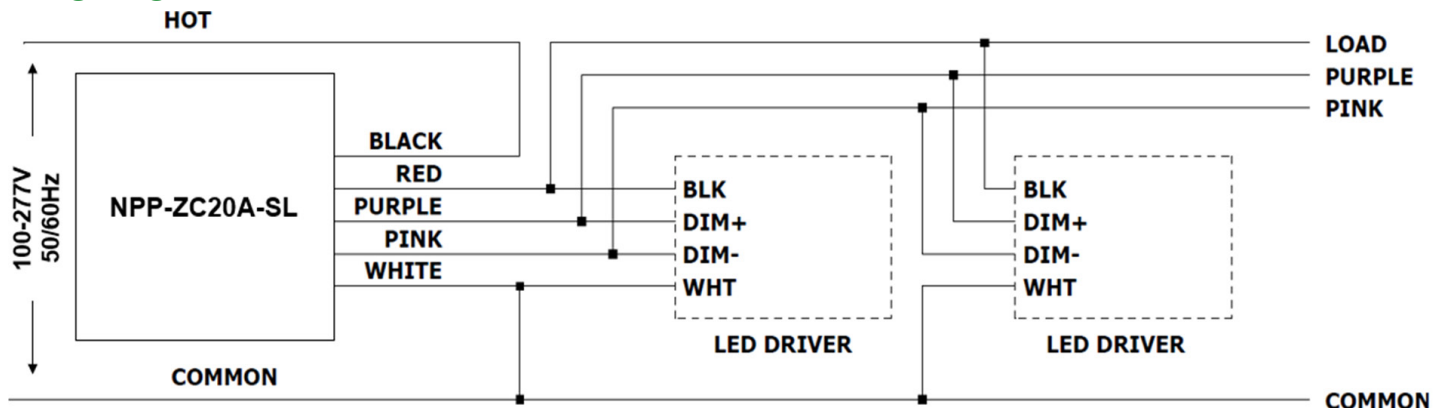
Product Dimensions



Installation



Wiring Diagram

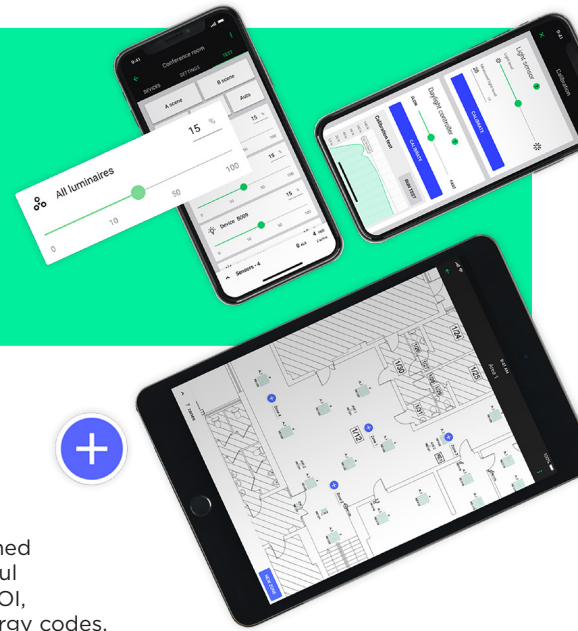


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Technology Partner

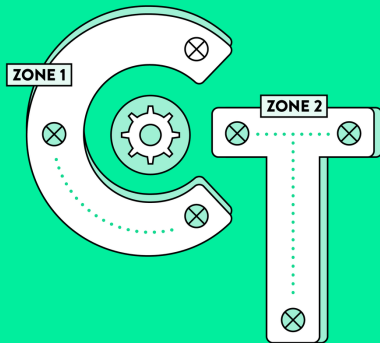
SILVAIR

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](#)