

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

c-Max Network Sensor 12V



c-Max Overview

c-Max Network lighting controls features a patented plug-and-play interface that allows for easy field installation of low voltage nodes and sensors to create an affordable luminaire lighting control solution. Sensors integrated with occupancy, daylight harvesting, and other control capabilities help achieve energy code compliance.

Applications

Ideal for retrofit applications with existing 0-10V LED luminaires:

- Office
- Hospitals
- Schools
- Retail

Features

- Ceiling mounted sensor with daylight harvesting and PIR sensing with wide detection coverage.
- Easily connect with MaxLite controls ready fixture or NPP-300W powerpack (sold separately) using 24-28 gauge low voltage wires
- Dimming wires can be daisy chained with upto 8 luminaires not exceeding a 300W load when paired with NPP-300W powerpack
- Luminaire Level Lighting Control (LLLC) enabled with wireless Bluetooth technology
- Easy Commissioning with c-Max App (Available in iOS and Android)
- Local Bluetooth Network with no gateway needed
- Time clock scheduling for individual lights, groups, or scenes
- Ability to create scenes for more customized dimming scenarios
- High-Trim/Tuning sets the maximum light level based on customer requirements in each space
- Spring loaded collar accessory included.
- 5 Year Warranty

Ordering Information

MODEL NUMBER	ORDER CODE
CNSL-PSW	107791

PIR Sensor Features

DAYLIGHT HARVESTING	ON/OFF
MOTION SENSING	ON/OFF
FIRST TIME DELAY	1-59 minutes/infinite
SECOND TIME DELAY	0-59 minutes/infinite
DIM LEVEL	1-100%
MOUNTING HEIGHT	8-20 ft
DETECTION RANGE	50 ft diameter
DETECTION HORIZONTAL PATTERN	360°
DETECTION VERTICAL PATTERN	100°



5-year standard warranty (further details available at www.maxlite.com/warranties) Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

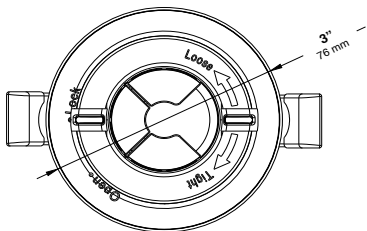
c-Max Network Sensor 12V

Specifications

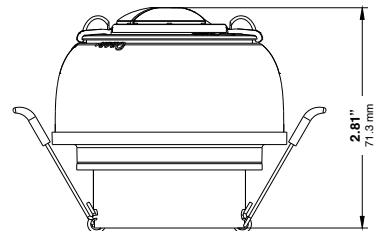
	CNSL-PSW
OPERATING VOLTAGE	12-20 VDC
OPERATING/SINKING CURRENT	15mA/25mA
CONTROL TECHNOLOGY	Occupancy PIR / Daylight Harvesting/ BLE Control Node
INFRARED SENSOR	Omni-directional quad element pyroelectric
CONTROL OUTPUT	0-10V (Linear)
RADIO FREQUENCY	2.4GHz ± 75MHz
WIRELESS STANDARD	BLE Mesh
PROGRAMMING	c-Max Mobile App (IOS and Android)
CYBERSECURITY	UL1376 Gold Rating
ENCRYPTION	AES 128-bit
MOUNTING HEIGHT	8-20 ft
MESH RANGE	100ft node-to-node and 50ft node-to-device (Commissioning)
SAFETY	cULus Listed E511069 Light-emitting-diode Controllers
FCC	FCC ID: 2AZRDCMAX2021
BQB	D055367
OPERATING TEMPERATURE	-40F to 130°F / -40C to 55°C
ENVIRONMENT	Suitable for Damp Locations
WARRANTY	5 years
OVERALL DIMENSIONS	76 mm x 71.3 mm
COLOR	White
WEIGHT WITHOUT COLLAR	3.1 oz (88 g)
WEIGHT WITH COLLAR	4.7 oz (133 g)

Product Dimensions

FRONT

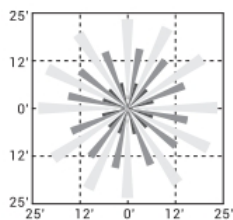


SIDE



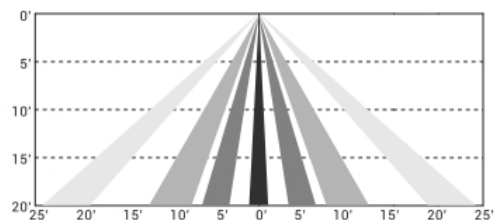
Detection Coverage

TOP VIEW



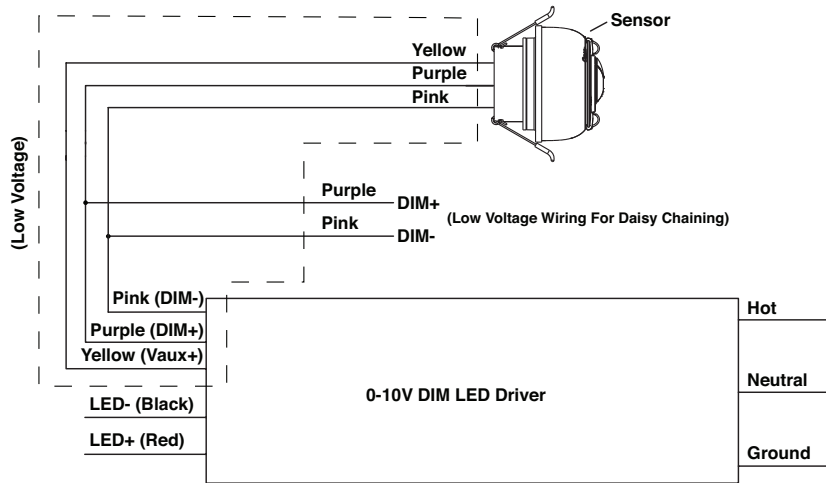
MOUNTING HEIGHT	ft (m)	8' (2.4)	10' (3)	15' (4.6)	20' (6.1)
MAX COVERAGE DIAMETER	ft (m)	20' (6.1)	26' (7.9)	36' (11)	50' (15.2)

SIDE VIEW

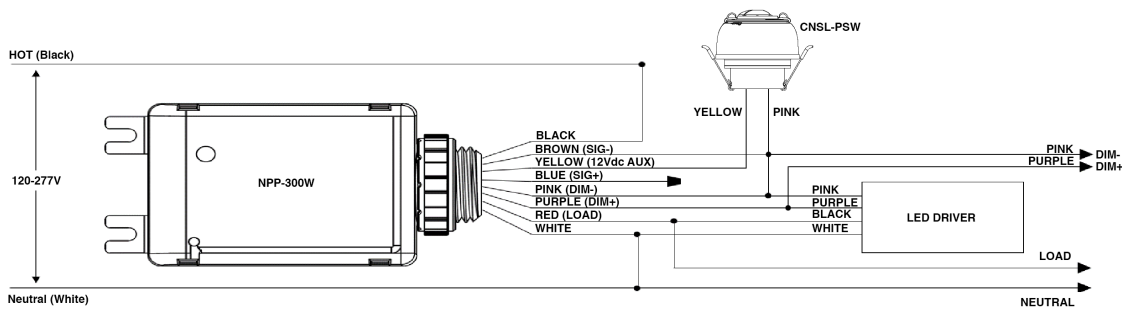


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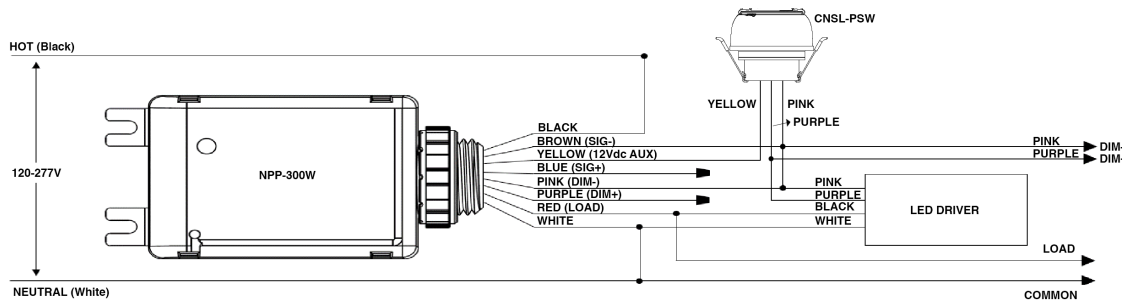
Wiring Diagrams



CNSL-PSW with MaxLite controls ready (CR) fixture



CNSL-PSW with NPP-300W without daylight harvesting



CNSL-PSW with NPP-300W with daylight harvesting

Commissioning

c-Max mobile App makes it easy to pair devices, create groups, set scenes/schedules, customize dimming levels, and adjust high trim based on application needs.

Visit www.maxlite.com/cmox for How-to-Videos and a comprehensive commissioning guide.

