# **NETWORK CONTROLS**



# Tap Into Value

Energy savings are at your fingertips with c-Max<sup>™</sup> Network Controls!



c-Max Network Controls make it easy for facilities to save energy, improve occupancy comfort and achieve code compliance by adding Luminaire Level Lighting Controls (LLLC) to indoor and outdoor applications. A patent pending design allows for easy field installation of sensors and network nodes with MaxLite controls ready fixtures. Using the c-Max app, nodes can be commissioned without the need for a gateway or internet access!







- Easy DIY installation low voltage sensor plugs into USB-C receptacle on MaxLite controls ready fixture
- Easy commissioning using c-Max App (iOS & Android)
- Easy on budget affordable and scalable solution



### Versatile

- Scale across both indoor and outdoor product portfolio
- Multiple energy-saving features packed in small form factor
- Choose from a variety of devices including sensors, network nodes and powerpack



## **Future Ready**

- Add network controls during installation or later, depending on need
- Upgrade sensors without removing the fixture
- Version and firmware updates will be backwards compatible

### What can c-Max Network Controls do?

Luminaire Level Lighting Control (LLLC)
Bluetooth-enabled Networking of Luminaires and Devices
High-end Trim

#### Zoning

- Add and control up to 100 devices per zone
- Add unlimited zones to scale for bigger installation

#### **Individual Addressability**

- Address individual or multiple luminaires
- Create unlimited groups (combination of sensor or network nodes) within a zone

Control Persistence - Sensors integrated with BLE, occupancy and daylight sensing Multi-level Dimming, Daylight Harvesting and Occupancy controls Manual ON/OFF, Automatic ON/OFF and Automatic partial ON/OFF control capability

Personal control via App or wireless Wall Switch

#### Scene control

• Create and link 3 scenes per wall switch, and up to 127 scenes per zone

Time clock Scheduling for individual lights, groups or scenes Secure commissioning with c-Max App (128-bit data encryption)

• Up to 100 ft node-to-node and 50 ft node-to-device

Control features help meet code compliance







CONTROL IMAGE	ORDER CODE	ITEM#	DESCRIPTION	APPLICATION	FEATURES	
	106059	NN-RTPSW	NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	Indoor	Bluetooth, Motion Sensor (PIR), Daylight Harvesting (continuous adjustment), High Trim, Scenes, Schedules	
	105893	NN-RTDHW	NETWORK NODE RECTANGULAR, DAYLIGHT HARVESTING, WHITE	Indoor	Bluetooth, Daylight Harvesting (continuous adjustment), High Trim, Scenes, Schedules	
	105892	NN-RTW	NETWORK NODE RECTANGULAR, WHITE	Indoor & Outdoor	Bluetooth, High Trim, Scenes, Schedules	
	106118	WNS-W	WALL NETWORK SWITCH (BLUETOOTH) WHITE	Indoor	Bluetooth, On/Off, Scenes, Manual Dimming	
	105895	NN-MGT	NETWORK NODE MAGNET, TRANSLUCENT	Indoor	Bluetooth, Magnetic, High Trim, Scenes, Schedules	
	105897	NN-RDB	NETWORK NODE ROUND	Indoor & Outdoor	Bluetooth, High Trim, Scenes, Schedules	
	106391	NN-RDW	BRONZE OR WHITE			
	108255	NN-RDMPB	NETWORK NODE ROUND, PIR MOTION SENSOR, PHOTOCELL, BRONZE	Outdoor	Bluetooth, Motion Sensor (PIR), Photocell (On/Off), High Trim, Scenes, Schedules	
	105905	NN-RDMSW	NETWORK NODE ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING, WHITE	Indoor	Bluetooth, Motion Sensor (PIR), Daylight Harvesting (continuous adjustment), High Trim, Scenes, Schedules	
	106318	NPP-300W	120-277V NETWORK POWER PACK 300W MAX	Indoor	Bluetooth, High Trim, Scenes, Schedules	
0>-	107788	NPPSL-PSW*	NETWORK POWER PACK PIR SENSOR, 12V, WHITE	Indoor	Motion Sensor (PIR)	
<b>L</b> L.	107785	CEA-RDB**	C-MAX EXTERNAL ADAPTER ROUND	Indoor & Outdoor	Adapter Paired with Round Nodes	
	106903	CEA-RDW**	BRONZE OR WHITE			

# Pair c-Max Network Nodes with Controls-Ready MaxLite products today, or in the future!



Patent Pending vandal-resistant design with locking screw that secures sensor to fixture.

#### **Controls Ready Fixtures**

MaxLite Controls Ready (CR) fixtures allow for quick and easy in-field installation of controls. Simply purchase any CR fixture and the required Network Node and you're all set! (See individual product datasheets for available controls options and ordering information)

INDOOR							
NETWORK NODE	FlatMax Flat Panels	ArcMax Troffer	Troffer Retrofit Kit	LS Strip	LSV Vapor Tight	LSU Utility Wrap	Linear High Bay
NN-RTPSW		0	0				
NN-RTDHW							
NN-RTW							
NN-RDMSW**							

<sup>\*</sup>PIR requires line of sight and cannot not be used in products behind the lens.

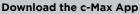
<sup>\*\*</sup>To use NN-RDMSW with the above linear and highbay products, the CEA-RDW External adapter also needs to be purchased separately

OUTDOOR				
NETWORK NODE	Open Face Wall Pack	Cutoff Wall Pack	M Series	Area AR Slim+
NN-RTW				
CEA-RDB**	ø	<b>,</b>		
NN-RDMPB				
NN-RDB				

<sup>\*</sup>PIR requires line of sight and cannot not be used in products behind the lens.

#### **Additional Resources:**

Visit www.maxlite.com/cmax for how-to videos, FAQs and more!











 $<sup>^{\</sup>ast\ast}$  Round nodes (NN-RD  $^{\ast\ast\ast}$  ) can be used with the CEA-RDB External Adapter