Corelite

CORELITE WAVELINX CONNECTED LIGHTING

WaveLinx Wireless Connected Lighting system combines power, lighting, connectivity, and software into a simple, yet powerful solution. Wireless integrated controls and advanced LED technology deliver a simple to install, flexible, secure, and highly cost-effective package.

When evaluating wireless lighting control systems, it can be can be difficult to find a solution that is easy to configure, cost effective, and meets the most recent electrical codes. Achieve peace of mind by implementing Cooper Lighting Solutions' WaveLinx Wireless Connected Lighting system, where a global power management company provides

cyber-security, guaranteed compatibility with luminaires, comprehensive sensor coverage, and automatic code commissioning.

How it works:

- Luminaires can be factory wired with integrated occupancy and daylight sensors, providing lighting control and closedlloop daylight harvesting with basic out-of-the-box functionality and is fully configurable when paired to the WaveLinx mesh network.
- Linear luminaires also can utilize the WaveLinx dimming relay to wirelessly control entire runs of luminaires.
- WaveLinx integrated sensors can easily be joined to the WaveLinx system during installation with a simple push button to create a basic, code compliant "Construction Group".
- WaveLinx Mobile provides an easy method to setup the lighting system using drag and drop programming. Once the luminaire icon is dragged to the correct area, our patent pending automatic code commissioning takes over to provide a code compliant system that simply works.

WAVELINX INTEGRATED SENSORS IN CORELITE LUMINAIRES







Iridium

WaveStream LED



WaveStream LED



WaveStream LED

EXAMPLE CATALOG LOGIC



WaveStream LED

Without sensor: I2-WS-3L35-1D-UNV-AC48-T1-16-STD With sensor: I2-WS-3L35-1D-UNV-AC48-T1-16-STD-SWPD1



Vertechs WaveStream LED



Continua LED

Bridge WaveStream LED

Divide Recessed WaveStream LED

WaveStream LED

Corelite luminaires are available in 2' x 4', 2' x 2', 1' x 4' and linear sizes where shown. The WaveLinx system is compatible with all sizes. Multiple integrated sensors (SWPD1) are used in linear runs.

ORDERING INFORMATION

HOW TO SELECT:

Replace the following catalog logic characters for WaveLinx compatible luminaires. Refer to luminaire specification sheet for catalog logic and options.

DriverType	STD or HCD = 0-10V dimming drivers
Optional sensor	SWPD1 = Integral WaveLinx wireless sensor factory installed

Note: The WaveLinx sensor is only compatible with 0-10V dimming drivers. Note: Emergency circuit wiring is not available with the WaveLinx sensor.



Compatibility Details: Corelite WaveLinx luminaires are compatible only with the WaveLinx system and require system components to be installed for ideal operation. Integral WaveLinx sensors have basic capabilities when used standalone.



PS525089EN 02-06-18

Catalog #	Туре
Project	
Comments	Date
Prepared by	

WAVELINX SENSOR LOCATIONS IN CORELITE LINEAR PRODUCTS



Sensors will be approximately located as shown on individual luminaires. When configured in linear runs, the same locations will apply based on the size of sections that comprise the run. Each 4', 8', or 12' section will be individually controllable with the WaveLinx system. For Corelite 12' unit size availability, consult fixture specification sheet for details.

COVERAGE, SWPD1 OPTION INTEGRATED SENSOR



Other components are optional, and the system is expandable. See WaveLinx Wireless Connected Lighting site for more information and design criteria.

WAVELINX ENERGY CODE COMPLIANT STRATEGIES



ON/OFF

Manual Dimmer





Demand



Response (Energy Back-up Circuit)

DSI-WS-3L35-1D-UNV-AC48-T1-28-STD-SWPD1-W



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Specifications and dimensions subject to change without notice PS525089EN 02-06-18