WaveLinx Outdoor
Wireless Connected Lighting System
Unparalleled knowledge of electrical power management

Communications & sensing technology

Advanced LED fixtures

Physical devices & controllers

Data accumulation & analysis

Software applications

EATON POWER

LIGHTING

CONNECTIVITY

APPS / SOFTWARE

Take compliance, network security and energy savings into your own hands

Automatic code compliance. 7-Tier network security features. Integrated wireless sensors to collect and transmit key building data. And, the ability to control your system from a mobile app and the ability to exchange data with third party applications.

It's simple: WaveLinx just works.

Connected Lighting simplified by Eaton
Say goodbye to the high costs and complexity of typical addressable control systems

WaveLinx is designed for plug-and-play connectivity of luminaires used in site and area outdoor locations, such as parking lots, car dealerships, gas stations or college and university campuses.

- Simple configuration
- IT setup not required
- Scalable to join larger network
- Set up and manage the system via mobile app
- Security features for peace of mind
- Real-time alarms with smart tips
- Zoning
- ON/OFF and dimming
- Schedules

For many WaveLinx applications, installation is so simple

Flexible, turnkey installation

www.eaton.com/WaveLinx
Industry-leading technology, in a simple package

WaveLinx out-of-the-box functionality provides the fastest control confirmation on the market. It’s also one of the easiest lighting systems to install and manage. WaveLinx is the designer and contractor choice for offices, medical buildings, educational facilities, and more.

Save on installation time and cost
WaveLinx is designed to get you up and running faster. In some cases, it’s not even necessary to involve IT.

Get off the job faster
The commissioning process doesn’t need to cause headaches or hang-ups.

Be smart building ready
Integrated sensors on the light fixtures gather real-time building data, so you can make more informed decisions and save energy. Data can be easily shared with your building enterprise platform via BACnet and Public API (REST).

Control it all, from your mobile device
View building stats and program multiple zone settings conveniently, with an easy-to-use mobile app.

Wireless, code-compliant, and cost-effective for today

Technology

Outdoor Lighting Fixture
Highly efficient LED fixture

Wireless Outdoor Lighting Control Module
Enables control of area, site and flood lighting

Wireless Area Controller
Provides centralized coordination of multiple area control options

Mobile Applications
Provides personalized local control from a tablet or smartphone

Stay secure with unparalleled 7-tier network security features
Control device
Precise control. Wireless communication.

Wireless Area Controller
The Wireless Area Controller (WAC-PDE) is the main component of the Eaton WaveLinx Wireless Connected Lighting System. The WAC coordinates between the WaveLinx Mobile App and various WaveLinx devices to create a smart building ecosystem that provides out of the box functionality and leverages our patent pending automatic code commissioning features.

Lighting Xpert Insight Software
Enterprise | IoT | BACnet | API Integration
The Lighting Xpert Insight management software application helps real-estate professionals take full advantage of IoT by connecting WaveLinx with other building systems using BACnet and Public API (REST). Xpert Insight also includes alerts with smart tips, system events, demand response, platform flexibility and future proofing.

Insight Manager Pro
Insight Manager Enterprise Virtual Insight Manager
Enterprise | BACnet | API Integration
The Insight Manager Pro is an on-premise hardware platform hosting Lighting Xpert Insight enterprise lighting management software application. It network up to twenty (20) Wireless Area Controllers collecting data that can be shared with third party systems via BACnet and Public API (REST).

Wireless Outdoor Lighting Control Module
Scheduling | Dimming | Astronomic | Wireless | Zones
The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week. Allows to create multiple control zones.

Scheduling
One basic automated event is a scheduled ON or OFF. The WaveLinx Outdoor system uses time scheduling or photo sensing to schedule lighting from dusk-to-dawn, dusk-to-curfew, e.g., business closing or any time-scheduled period of operation.

Dimming
In addition to a scheduled ON/OFF event, a change in light level may be time scheduled, for example dimming 50 percent to maintain security lighting levels from business closing until dawn.

Astronomical
Automatic time switch that controls lighting based on the time of day and astronomical events such as sunset and sunrise, accounting for geographic location and calendar date to as one of the shutoff control functions to meet the requirements. Outdoor applications require the automatic time switch to include astronomical functionality.

Zones
Area and site control zones are logical groups of fixtures that are controlled by the WaveLinx Outdoor 7-pin wireless outdoor lighting control module. The WaveLinx mobile application allows users to easily define control zones by dragging and dropping compatible WaveLinx wireless devices into the specified zone during setup.

Efficiency at your fingertips
It’s also one of the easiest lighting systems to install. Next-level convenience and control: configure zones, custom settings, and save energy from one secure mobile app.
- Easy, automatic code commissioning provides a sequence of operations that meets the strictest code
- Adjust automatic settings, with the ability to configure each setting yourself
- View occupancy/daylight data from sensors, and implement demand response to save money.

Precise control. Wireless communication.
Outdoor lighting

LEDs can be fitted with smart and connected controls, allowing lighting infrastructure to be easily configured to operate based on astronomic or time schedules, for all or zones of outdoor luminaires.

- **Talon**  Area and site
- **Preval**  Area and site
- **Galleon**  Area and site
- **Ventus**  Area and site
- **LuxScape Collection**  Area and site
- **Arbor**  Area and site
- **Navigon**  Area and site
- **Impala**  Area and site
- **Verdeon**  Area and site
- **Galleon Wall**  Area and site
- **Talon**  Area and site
- **Night Falcon**  Floodlight
- **Caretaker**  Area and site
- **Impact Elite Cylinder Wall**  Area and site

For a complete list of compatible products, see: [www.eaton.com/WaveLinx](http://www.eaton.com/WaveLinx)
Lighting Product Lines
- Halo
- Halo Commercial
- Portfolio
- Iris
- RSA
- Metalux
- Corelite
- Neo-Ray
- Fail-Safe
- MWS
- Ametrix
- Shaper
- io
- Lumark
- McGraw-Edison
- Invue
- Ephesus
- Lumièrè
- Streetworks
- AtLite
- Sure-Lites

Controls Product Lines
- Greengage
- iLumin
- Zero 88
- Fifth Light Technology
- iLight (International Only)

Connected Lighting Systems
- LumaWatt Pro
- WaveLinx
- Distributed Low-Voltage Power
- iLumin Plus
- HALO Home