We make connected communities work.*

Lighting the way for connected communities. Smart, connected technologies mean safer, more efficient communities – and it starts with connected lighting. Our solutions put full system control and optimization at your fingertips, helping you rise to the municipal challenges of today and tomorrow.

Eaton provides many lighting system solutions designed to satisfy code requirements and meet the unique needs of any project.

**Wireless outdoor systems comparison chart**

<table>
<thead>
<tr>
<th>Lighting controls</th>
<th>Stand-alone Sensors (MS &amp; MSP)</th>
<th>WaveLink</th>
<th>LumaWatt Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space type</td>
<td>Area/Site</td>
<td>Area/Site</td>
<td>Area/Site</td>
</tr>
<tr>
<td>Stand-alone or Network</td>
<td>Stand-alone</td>
<td>Both</td>
<td>Both</td>
</tr>
<tr>
<td>Wireless technology</td>
<td>802.15.4</td>
<td>802.15.4</td>
<td></td>
</tr>
<tr>
<td>Sensing technology</td>
<td>Integrated Motion / Photosensor</td>
<td>Photosensor (7-PIN)</td>
<td>Integrated Motion / Photosensor</td>
</tr>
</tbody>
</table>

**Need-based feature progression**

Basic compliance only
- Motion sensing
- Daylight harvesting
- Zone control
- Scheduling
- Individual fixture control

Area/site-building integration
- A/V integration
- BAS integration
- 802 options (touchscreen, apps, etc.)

Enterprise level building integration
- Facility management & tools
- Site plan and reporting
- Value-added services
- Asset tracking
- API integration
- Analyze/identify problem solving

**Cost progression**

<table>
<thead>
<tr>
<th>Installation cost (controls &amp; fixtures)*</th>
<th>$</th>
<th>$5</th>
<th>$66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioning cost*</td>
<td>$</td>
<td>$5</td>
<td>$66</td>
</tr>
<tr>
<td>Return on Investment*</td>
<td>$</td>
<td>$5</td>
<td>$66</td>
</tr>
</tbody>
</table>

* Based on same coverage area installed with Eaton fixtures.
WaveLinx

Wireless connected lighting system

Get low cost compliance for both retrofit and new installs for indoor and outdoor applications.

- ON/OFF, dimming, zone schedule, astrological clock
- Security features for peace of mind
- Broadest offering of wireless controls and integrated luminaires


Key Features and Benefits

- Allows for the customer to manage indoor and outdoor luminaires from a single system
- Targeted for outdoor parking areas, pathways and spaces
- Wireless 7-PIN (ANSI C136.41 “twistlock”) node that can be added to any luminaire with a 7-PIN receptacle
- Allows users to remotely manage outdoor luminaires (turn ON/OFF, Dim) manually or automatically, via a schedule
- Supports grouping/zoning of outdoor luminaires
- Requires the 7-PIN node and a Gateway (called the Wireless Area Controller or WAC) – simple and cost efficient
- A simple mobile application is used to perform configuration and management

LumaWatt Pro powered by Enlighted

Wireless connected lighting system

Solve high value problems beyond lighting.

- Space utilization and other value added services
- Asset tracking
- Maximum return on investment

Intuitive. Intelligent. Integrated.

Key Features and Benefits

- Allows for the customer to manage indoor and outdoor luminaires from a single system
- Targeted for outdoor parking areas, pathways and spaces, as well as parking garages
- Wireless motion and photo sensor integrated into Eaton’s outdoor luminaires
- Allows users to remotely manage outdoor luminaires (turn ON/OFF, Dim) manually or automatically, via a schedule, motion or photo sensor
- Supports grouping/zoning of outdoor luminaires
- Requires the Wireless Sensor, a Wireless Gateway and a Server (called the Energy Manager Server)
- Configuration and management of the sensors is done through a laptop interface connecting to the Energy Manager Server
- The Energy Manager Server supports advanced applications such as WHERE, SPACE and Energy Management Dashboards

Target Audience

Primary:
- Large enterprise owners
- Industrial spaces

Secondary:
- Facility managers
- Large healthcare facilities and office buildings

Applications

Primary:
- All types of office sites, outdoor parking areas and outdoor pathways

Secondary:
- All types of healthcare and education facilities

Target Audience

Primary:
- Contractors

Secondary:
- Specifiers

Applications

Primary:
- All types of office sites, outdoor parking areas and outdoor pathways

Secondary:
- All types of healthcare and education facilities

Wireless connected lighting system

Solve high value problems beyond lighting.

- Space utilization and other value added services
- Asset tracking
- Maximum return on investment

Intuitive. Intelligent. Integrated.
Eaton’s portfolio of connected lighting solutions leverages the real-estate of the physical light fixture to increase building, business and community operating efficiency through controls and data. With connected lighting solutions, we go beyond controlling light to solve higher complexity problems enabled by sensing and communication capabilities within the light fixture itself.

With innovation you can rely on, and connections you can build on; that’s how Eaton makes connections work.

### Integrated network security camera

- On/Off or bi-level motion sensing
- Dusk-to-dawn or daylight harvesting
- 0-10V dimming
- Meets basic regulatory requirements for motion occupancy

### LumenSafe

**Target Audience**

- Primary: Contractors
  - All types of offices, warehouses, outdoor parking areas and pedestrian pathways
- Secondary: Specifiers
  - All types of healthcare and education facilities

**Applications**

- Wired system
- Integrated sensor system minimizes power consumption, maximize energy savings, and saves money on the total installed cost.

**Discrete surveillance for any outdoor application.**

- Real-time surveillance
- High definition video feed
- Simplified integration
- Compatible with third party software solutions
- Multiple data backhaul options - cellular, Wi-Fi, and fiber/Ethernet

**Features**

- Real-time surveillance
- High definition video feed
- Simplified integration
- Compatible with third party software solutions
- Multiple data backhaul options - cellular, Wi-Fi, and fiber/Ethernet

**Turn-key installation. Flexible solution. Enhanced features.**

- Cellular Connection
- Wi-Fi Connection
- Ethernet Connection

**Wired system**

- Stand-alone sensors
- Integrated network security camera
- Discrete surveillance for any outdoor application.

**Stand-alone Sensors**

- Wired system
- Integrated sensor system minimizes power consumption, maximize energy savings, and saves money on the total installed cost.

- On/Off or bi-level motion sensing
- Dusk-to-dawn or daylight harvesting
- 0-10V dimming
- Meets basic regulatory requirements for motion occupancy

*With innovation you can rely on, and connections you can build on; that’s how Eaton makes connections work.*
Lighting Product Lines
- Halo
- Halo Commercial
- Portfolio
- Iris
- RSA
- Metalux
- Corelite
- Neo-Ray
- Fail-Safe
- MWS
- Ametrix
- Shaper
- io
- Lumark
- McGraw-Edison
- Invue
- Ephesus
- Lumières
- Streetworks
- AtLite
- Sure-Lites

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

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