



Introducing a wireless technology that makes outdoor lighting control **simple, reliable and affordable.**

AUTO DEALERSHIPS / AREA & SITE / PARKING / RETAIL / SECURITY / PATHWAY

HUBBELL®
Control Solutions

 **HUBBELL®**
Lighting

Intelligent Outdoor Lighting Control



SiteSync-Enabled Luminaires

Combining award-winning LED outdoor luminaires with SiteSync wireless technology delivers a solution that reduces your total cost of ownership. An ever-growing portfolio of SiteSync-enabled outdoor luminaires provides you the breadth and flexibility to address all your project requirements today and in the future.



Site/Area	Arceos (ARA3) Airo	Viper Large Viper Small Cruzer	Type X 09 Type X 16 Type X 25 WP9 Small WP9 Large Ouro (UR20) Ouro (UR28)
Decorative		Urban Village Waterford Windsor	
Garage		Endura Orbeon	PGL 7
Wall	Litepak (LNC3) Litepak (LNC4) Sling (SG2)	Traverse	Type X 09 Type X 16 Type X 25 Cypher (CY2)
Flood	FXL	Alpha	Type X 09 Type X 16 Type X 25
Bollard			Pavilion (PA7R) Pavilion (PA7S)

Note: Consult your Hubbell Lighting Representative, for availability and ordering information for desired products not listed.

Simple, Reliable, and Affordable.

SiteSync Lighting Control delivers **flexible control** strategies for **reducing power consumption** and **minimizing maintenance costs** while **delivering the right light levels** with a simple and affordable wireless solution.

With SiteSync Lighting Control's **pre-programmed** approach, installation becomes a quick and easy process, greatly **reducing the complexity, time, and cost** compared to typical field commissioning.

SiteSync Lighting Control is based on a **wireless mesh network** architecture that enables luminaires to **operate independently** without the need for web based connectivity. This provides a cyber safe platform that delivers **reliable communication and control** versus other gateway based systems.

With a **complete offering** of Hubbell Lighting site and area, decorative, garage, wall, and flood LED luminaires available with SiteSync Lighting Control, you have the flexibility to create an intelligent outdoor lighting package that will **meet a wide variety of application needs**.

LARGE VIPER shown with SiteSync™ Lighting Control

Easy as 1, 2, 3

1



Specify

Specify with Design Flexibility

- Provide Hubbell Lighting with completed pre-commissioning worksheet
- Basic information required:
 - Quantity, Catalog No., Type No., Pole No.
 - Fixture dimming and time schedules by group
 - Fixtures with motion sensor and delay settings by group

2



Install

Simply Install, Set Date and Time

- Luminaires are shipped pre-commissioned from the factory
- Each luminaire arrives on site with an identification label; install in the appropriate location
- Use SiteSync software (Windows PC or Tablet with bridge node required) to broadcast current date and time wirelessly

3



Save

Enjoy the Immediate Benefits of SiteSync

- Once the three-step installation is complete, SiteSync Lighting Control starts working to:
 - Deliver significant energy savings
 - Maximize the life of lighting assets
 - Decrease maintenance related costs
 - Meet key energy code compliance requirements
 - Create a safer environment
 - Provide the right light levels when and where needed
 - Reduce total cost of ownership

Performance Features



Embedded Intelligence

- Semi-autonomous design allows for independent operation with on-demand access to mesh network
- Local flash memory for data retention
- On-board real time clock
- Backup solid state battery for date and time retention
- Built-in 2.4 GHz radio (16 channels)



Design Flexibility

- User defined dimming schedules, for each day of week and up to 24 special dates
- Luminaires are grouped, but each luminaire may still maintain unique schedules
- Supports multiple complex dimming schedules using real or astronomical time
- Motion detection support using master and satellite grouping
- Lumen maintenance compensation
- Automatic adjustment for Daylight Savings Time



Installation Simplicity

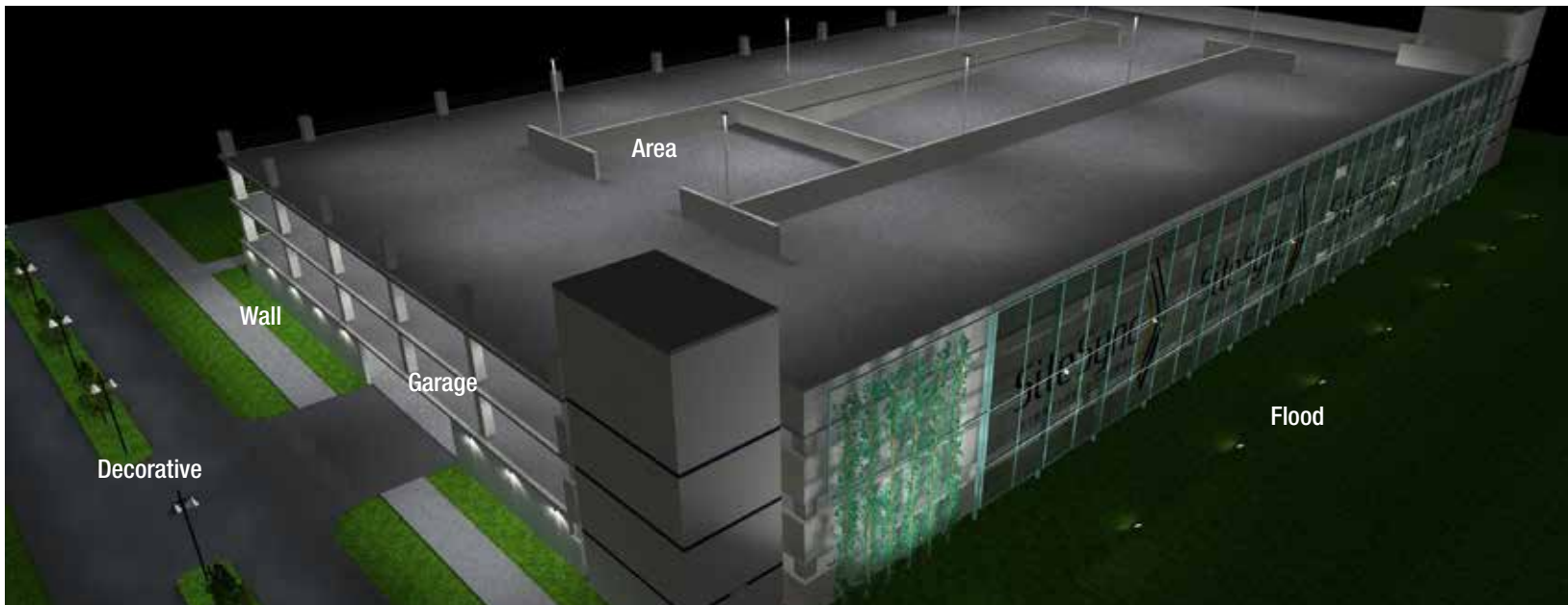
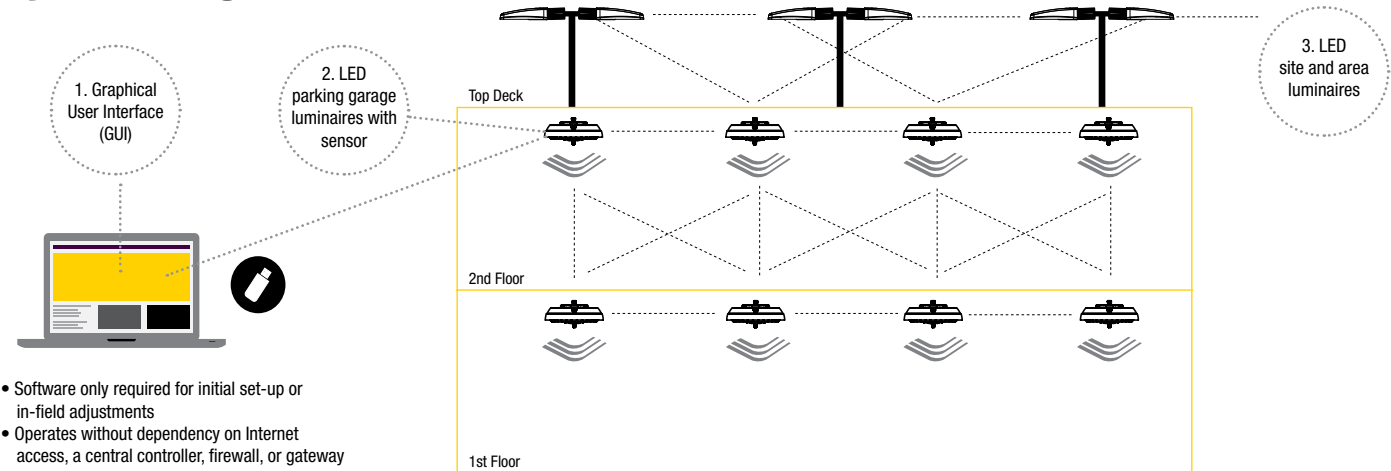
- Factory pre-commissioning removes complexity and reduces time and cost
- Luminaires are tagged for quick and easy identification and installation
- Simply set date and time to complete install process
- Modify schedules in the field at any time using software and bridge node (USB radio)
- Software and bridge node work with any Windows PC or use SiteSync Windows tablet



System Capabilities

- Distributed Intelligence - removes need for web access, central controller or gateway
- Semi-autonomous wireless mesh network provides peace of mind with cyber-safe and reliable architecture
- No recurring fees for service, support or licenses
- Offers advanced security options for encryption and channel selection
- Manual control functions (dimming level, flash, reboot)

System Diagram



Application Benefits

AUTO DEALERSHIP

Implement flexible energy saving control strategies while creating a safe and inviting environment for an enhanced purchasing experience.



AREA & SITE

Accurately address traffic flow and security challenges for campuses, stadium/arena, amusement parks, and municipal areas with effective lighting control design that reduce total maintenance and energy costs for lighting.



PARKING GARAGE

Maximize overall energy conservation and reduce total cost of operation with automated schedules and motion activated events to improve traffic flow and safety.



RETAIL

Retailers, banks, restaurants, commercial enterprises, and multi-use buildings can benefit from the numerous advantages of SiteSync lighting controls. Provide the right light levels 24/7, where and when they are needed to create a superior customer experience with improved safety.



SECURITY

Proper lighting control strategies not only lower energy cost for outdoor lighting but improve asset protection and heighten security for any environment.



PATHWAY

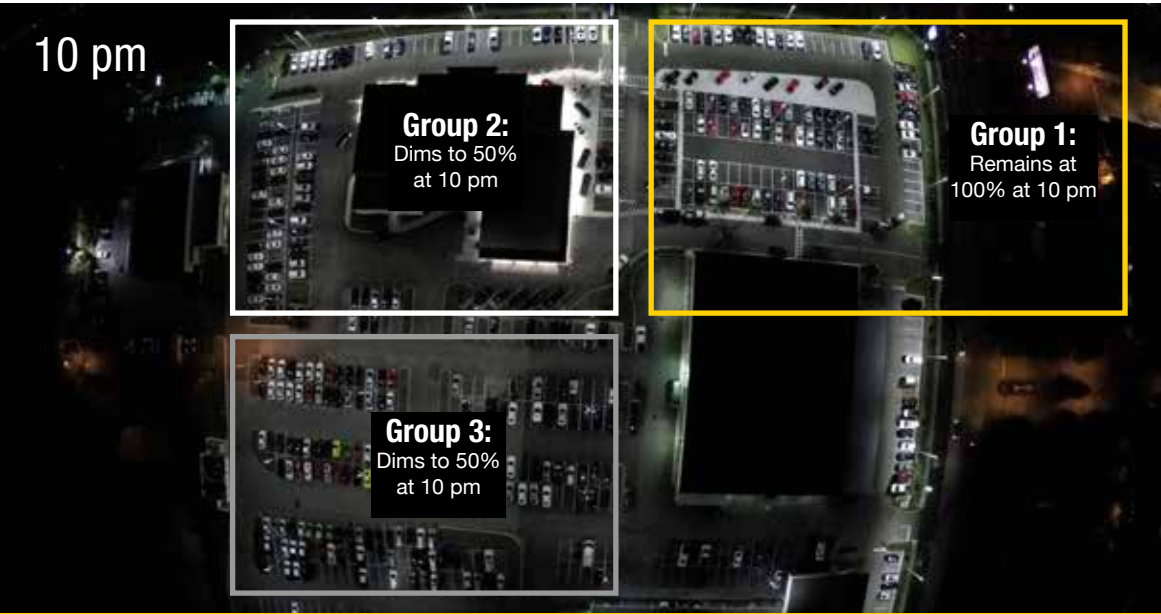
Manage light levels according to pedestrian traffic and safety needs with simple and flexible control strategies. Generate immediate savings by conserving power by reducing lighting during low usage hours and raising on demand with motion activation.



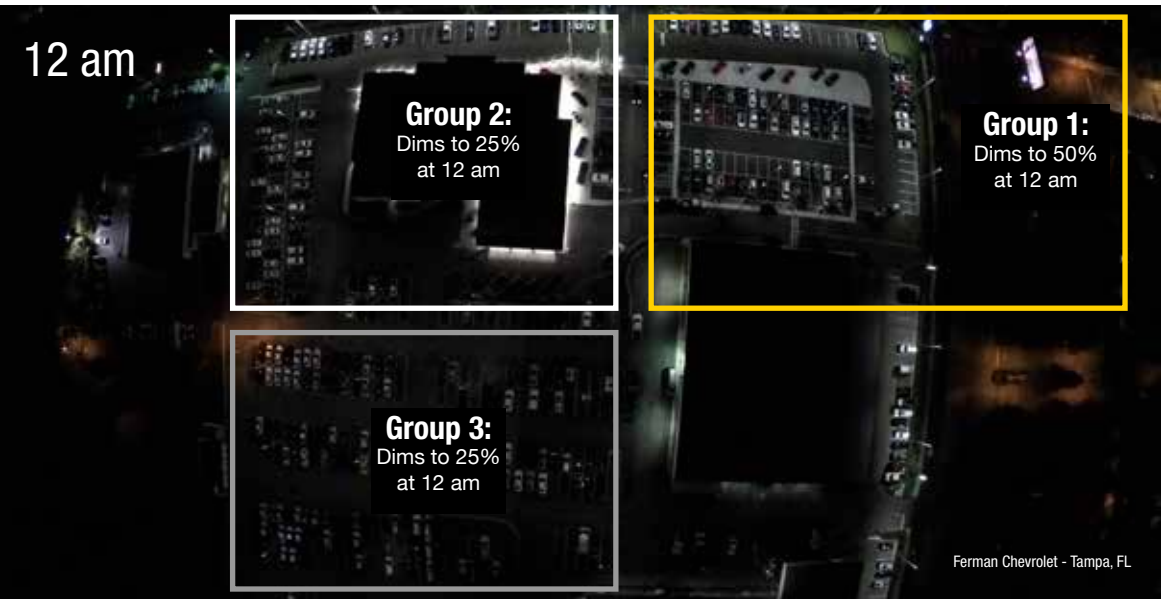
Application Example: Auto Dealership

SiteSync Lighting Control allows luminaires to be grouped based on time, dim level and motion sensors. In this application, an automotive dealership leaves the front lights at full brightness until midnight. The service areas are dimmed to lower levels after those areas are closed. If anyone enters the site after hours, sensors are included at key areas to allow the area to go to full brightness.

For additional insights on how SiteSync Lighting Control addresses outdoor lighting control needs, view our videos at www.hubbellighting.com/sitesync.



Luminaires are grouped in three different groups and dim and brighten at certain times of the day.



Ferman Chevrolet - Tampa, FL

Viper Area & Roadway luminaires equipped with SiteSync Lighting Control and Hubbell Lighting's Front Row Auto Optic.



HUBBELL
Lighting

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ALERA LIGHTING

ARCHITECTURAL AREA LIGHTING

BEACON PRODUCTS

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COMPASS

DUAL-LITE

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KIM LIGHTING

KURT VERSEN

LITECONTROL

PRESCOLITE

PROGRESS LIGHTING

STERNER LIGHTING

WHITEWAY

