



# Illuminate your journey with lighting that lasts

Lighting for roadways and parking infrastructure





# An extensive lighting portfolio

**As the global leader in lighting for more than 125 years, Signify has the know-how and the most comprehensive portfolio of energy efficient technology to meet all your roadway related lighting needs.**

Drivers and pedestrians rely on the nation's transportation infrastructure to navigate their daily routines and connect them to their communities. LED lighting can ensure these roads, bridges and tunnels are well lit, providing benefits that go beyond illumination. Upgrading to LED lighting can reduce energy and maintenance costs, as well as promote a sense of safety and well being. Connected LED lighting can offer a more sophisticated level of city management and monitoring, leading to better data and informed decision making.

Visit [www.signify.com/roadway](http://www.signify.com/roadway) to learn more.





### Energy savings & reduced costs

## Save on energy and maintenance costs while reducing environmental impact

Competitively priced new install and retrofit options let you minimize your payback period

Optimize energy consumption and carbon footprint by converting to LED lighting and controls.

Employ optimally designed LED solutions to keep maintenance costs low and reduce light pollution.



### Promote a sense of security

## Promote safety and help reduce traffic incidents

New or improved lighting increases driver safety, leading to after dark accident reductions of up to 75% <sup>1</sup>

Improving street lighting has a desirable effect on crime, reducing it up to 21% <sup>2</sup>

Implementing street lighting can reduce pedestrians crashes at night by up to 50% <sup>3</sup>



### Stay connected

## Maximize your city's potential using connected lighting solutions

Gain insights into problematic areas in your city by monitoring the environment through sensors.

Simplify your lighting asset management with easier commissioning and remote monitoring

Further enhance your energy savings with maximum control of your city's lighting, and reinvest in other infrastructure.



### Interact City

Connected lighting solution offering lighting asset management, energy optimization, scene management and more. A product is Interact City compatible if it lists this icon.



### Service Tag

QR based identification system providing essential installation, maintenance and spare part information – all through a simple scan. A product features Service Tag technology if it lists this icon.



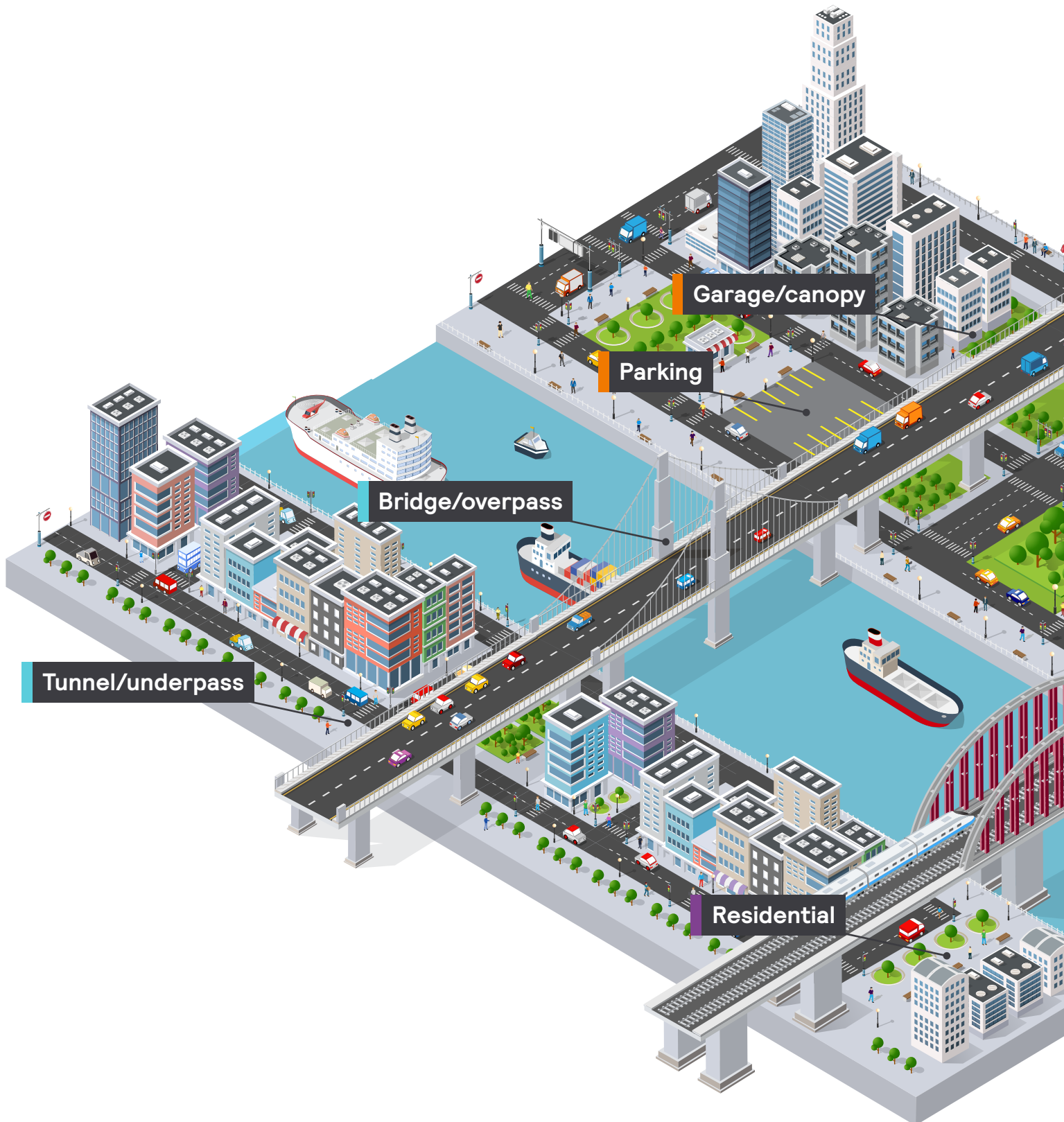
### Comfort Optics

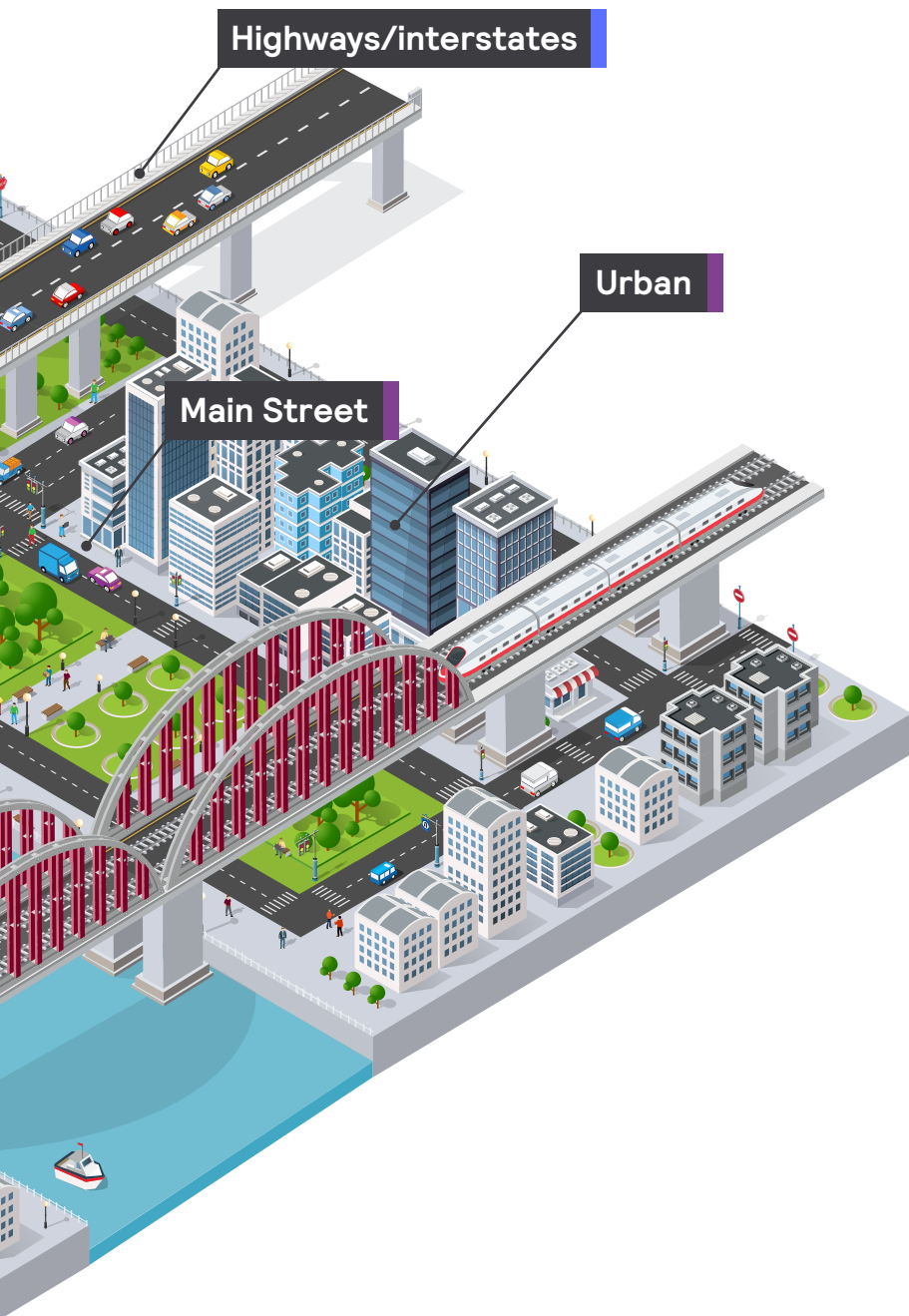
Special LED technology engineered with the perfect balance of performance and visual comfort, providing reduced glare for an enhanced user experience.

1. Commission Internationale de l'Eclairage. Road Lighting as an Accident Countermeasure. CIE 93:1992. Vienna: CIE, 1992.

2. Welsh and Farrington (2007) Systematic review of the crime prevention effects of improved lighting; undertaken for the Swedish National Council for Crime Prevention.

# Roadway applications





Highways/interstates

Urban

Main Street

### **Retrofit:**

LED replacement  
lamps for HID

### **Call this Interstate & Tunnel Lighting**

Security lights, Cobra  
heads & High mast

### **Residential & Urban:**

Post tops  
Pendants

### **Bridge:**

Linear color changing  
Linear general  
Floodlighting

### **Parking:**

Garage and canopy  
Site and area



# Retrofit Options

## See the difference a new lamp can make

Improving the output and quality of your city's roadway lighting doesn't have to be a major undertaking – it can be as easy as changing a lamp! By replacing your HID lighting with an LED option, you can save energy and maintenance costs while also drastically improving illumination along your roadways.



# Retrofit Options

## LED lamps for urban, roadway, and garage/canopy applications



### Philips TrueForce MasterClass LED High Bay Lamp

Save energy with this cost-effective LED alternative for traditional high bay lamps. Available in both UL-Type A & UL-Type B options.



### Philips CorePro LED Wall Pack Lamps

Easily upgrade your wall packs to LED lamps with a directional array delivering dedicated light distribution & intensity.



### Philips TrueForce MasterClass LED Corn Cob Lamps

Maximize energy savings & performance with our high lumen LED Corn Cob lamps, while still falling within ANSI standards.



### Philips CorePro LED Corn Cob Lamps

Switch to these omni-directional ballast-bypass LED lamps for an affordable upgrade from HID lighting.



### Philips CorePro Glass LED HID Lamps

Bring the energy efficiency and long life benefits of LED lighting to HID replacement using this high powered indoor/outdoor glass replacement lamp.



# Interstate and Tunnel Lighting

**Cast the right light on your state's most critical navigation routes, supporting driver alertness and overall roadway safety.**

With a wide range of customizable options, as well as exclusive product support like Service Tag, you can light your roadways with confidence. Well lit roads and tunnels can have a positive impact on safety parameters such as crime and traffic incidents. The right lighting can also contribute to increased driver alertness and awareness. Better yet, this can all be accomplished using energy efficient and long lasting LED technology, while still keeping light pollution to a minimum.



# Interstate and Tunnel Lighting

**Cobra heads, security, and high mast luminaires** for a variety of roadway applications



## Lumec RoadFocus LED Cobra Head Luminaire

Provide uniform, high performance illumination in four sizes: nano, small, medium or large. Suitable for interstates, collector roads and more.



## Lumec RoadStar LED Architectural Luminaire

Up your design game with the superior aesthetics and quality of this architectural roadway luminaire. Available in small and medium sizes.



## Lumec HighFocus LED Luminaire

Save energy by upgrading to powerful and scalable LED illumination for your major roadways and thoroughfares.



## Gardco DuraForm

Provides seamless replacement of HID luminaires in three sizes.

**Interact City** for connected lighting system and management software



## Interact City

Connected LED lighting system and management software provides you with a secure and robust infrastructure to improve city services.

## Linear lighting



## Lumec TubeLine LED Luminaire

Enjoy the benefits of linear tunnel lighting in an LED offering, with a remote driver designed to prevent lane closures.

## Floodlights



## Lumec TunnelView LED Luminaire

Replace your HID tunnel lighting with this LED solution – available in three sizes, multiple lumen packages and multiple optical distributions.

# Interstate and Tunnel Lighting

## Urban post tops and pendants for city centers, parks, and general lighting



### **Color Kinetics Blast**

Deliver high quality illumination for the most demanding white and color flood lighting applications.



### **Color Kinetics Burst**

Accomplish all your lighting goals with this high-performance, flexible luminaire. Ideal for spot and flood lighting, grazing, decorative lighting, and more.



### **Color Kinetics ColorGraze & Graze Compact**

Highlight the unique areas of your bridge using light to magnify architectural details and fill in dark spaces not reached by other luminaires.



### **Color Kinetics FlexLMX / Compact & Flex MX/Micro**

Cover your bridge with strands of efficient, addressable flex nodes that can be arranged along an unlimited array of surfaces.



### **Color Kinetics Vaya Tube RGB**

Minimize the loading on your bridge with this compact direct view linear RGB LED solution, suitable for exterior low-resolution lighting applications.



### **Color Kinetics Vaya Tube White**

Minimize the loading on your bridge with this compact direct view linear White LED solution, suitable for exterior low-resolution lighting applications.



### **Color Kinetics Vaya Linear LP G2 RGBW**

Show off your bridge's architectural features with Vaya's RGB slim form factor, used for space restricted lighting and low-height grazing applications.



### **Color Kinetics Vaya Linear LP G2 White**

Show off your bridge's architectural features with Vaya's White slim form factor, used for space restricted lighting and low-height grazing applications.



### **Color Kinetics Vaya Linear MP G2 RGBW**

Attract attention with lines of light using Vaya's RGB Linear MP. Suitable for grazing mid-height walls and facades.



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### **Color Kinetics ReachElite HP & ReachElite HO**

Choose the versatile luminaire that can deliver it all - from powerful punch to maximum output. ReachElite can handle even the toughest lighting challenge.









# Residential and Urban

**Strike a balance between aesthetics and quality of light to help optimize citizen well being**

With Signify's urban and residential lighting options, you really can have it all! Upgrading your traditional lighting to LED technology can save on energy and maintenance costs, while also beautifying your communities. Properly illuminating your municipality can help residents feel more secure and thus more likely to interact with local businesses during evening hours. Connecting your city's lighting can give you more control and real time visibility to your lighting system and the data it collects.

# Residential and Urban lighting

**Post tops, pendants, and area lights** for neighborhoods, main streets, and parks



**Hadco TownView  
LED post top and pendant**

Future ready your residential lighting without compromising aesthetics or price. Just plug a sensor into the existing socket when you're ready.



**Hadco MainView  
LED Luminaire**

Ease your upkeep with this low maintenance, traditionally styled and future ready luminaire. Add a sensor to the socket when you're ready.

**Solar lights** for park roads, bike paths, and more



**Gardco SolarForm  
LED Luminaire**

Simplify your city's pathway lighting with this all in one integrated solar lighting solution - no trenching required!

**Urban post tops and pendants** for city centers, parks, and general lighting



**Gardco EcoForm  
Area Light**

XXX



**Gardco PureForm  
Area Light**

XXX

# Residential and Urban lighting

## Urban post tops and pendants for city centers, parks, and general lighting



### Lumec MetroScape LED Post-Top

Enhance the architectural identity of your roadway and pedestrian applications, with optimized LED efficiency and life



### Lumec MetroScape LED Pendant

Perfectly scale your lighting in both proportion and performance for various roadway and pedestrian applications.



### Lumec UrbanScape LED Post-Top Comfort

Achieve cost effective pedestrian and roadway lighting with a minimalist look. Available in precision or comfort optics



### Lumec UrbanScape LED Pendant

Light your city with a blend of modern style and advanced technology. Available in precision or comfort optics.



### Hadco Hagerstown LED Post Top Comfort

Blend into any residential or historic setting with excellent uniformity and a traditional look. Available in comfort optic technology.



### Hadco Refractive LED Post Top with LumiLock

Beautify or add a sense of security to your outdoor space with this highly configurable field adjustable luminaire.



### Hadco TownView LED Post Top and Pendant

Future ready your downtown lighting without compromising aesthetics or price. Add a sensor to the socket when you're ready!



### Hadco MainView LED Post Top

Ease your upkeep with this low maintenance, traditionally styled and future ready luminaire. Add a sensor to the socket when you're ready.



### Lumec MiniView LED Luminaire

Meet specifications without sacrificing performance using this compact powerhouse LED luminaire. Optimized for local roads and residential streets..



### Lumec SoleCity LED Street and Area Light

Enhance your municipality's identity with the contemporary design and flawless signature style of SoleCity.





# Poles, Brackets, and Accessories

**Urban** for city centers, parks, and general lighting



## BrightSites

Maximize your smart lighting potential with BrightSites. These smart poles leverage the current urban infrastructure, improve efficiency, and reduce cost.



## Poles

Gardco, Hadco, and Lumec branded poles designed to provide a complete lighting solution along with the luminaires.



## Brackets

Gardco, Hadco, and Lumec branded brackets designed to provide a complete lighting solution along with the luminaires.



# Bridges

**Connect your community and beautify  
your cityscape with striking illumination**

Create a multi-level visual experience for those who rely on your city's bridges to connect them to their communities. Implementing new LED lighting on a bridge can be as simple as a post-top or more sophisticated with fully connected color changing technology. No matter your approach, providing quality light to these structures can enhance citizen well being and safety.

# Bridges

**Color changing and or general illumination** for applications that make your bridge stand out



## Color Kinetics Accent MX & Accent Compact

Transform your bridge from dull to dazzling with bright ribbons of light using these accent direct view linear luminaires.



## Color Kinetics Blast

Deliver high quality illumination for the most demanding white and color flood lighting applications.



## Color Kinetics Burst

Accomplish all your lighting goals with this high-performance, flexible luminaire. Ideal for spot and flood lighting, grazing, decorative lighting, and more.



## Color Kinetics ColorGraze & Graze Compact

Highlight the unique areas of your bridge using light to magnify architectural details and fill in dark spaces not reached by other luminaires.



## Color Kinetics FlexElite

Free yourself from design limitations using FlexElite's modular configurations and multiple jumper cable lengths.



## Color Kinetics FlexLMX / Compact & Flex MX/Micro

Cover your bridge with strands of efficient, addressable flex nodes that can be arranged along an unlimited array of surfaces.



## Color Kinetics Vaya Tube RGB

Minimize the loading on your bridge with this compact direct view linear RGB LED solution, suitable for exterior low-resolution lighting applications.



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Choose the versatile luminaire that can deliver it all – from powerful punch to maximum output. ReachElite can handle even the toughest lighting challenge.



## **Lumec Renaissance LED Pendant**

Enjoy design flexibility with a late 19th century feel. Renaissance offers a variety of distributions, lumen packages, cages, and crowns.



## **Lumec Domus LED Pendant**

Bring shape, dimension, and proportion to your bridge with this subtly designed but impactful luminaire.



## **Gardco EcoForm Area Luminaire**

Combines economy with performance and makes it simple to switch to LED and brighten your parking area, available in small and large.



## **Gardco SoftView Parking Garage Luminaire**

Provide visual comfort with minimal glare lighting in your parking garages using SoftView's edge lit technology.





# Garage and Parking

**Transform your city's parking infrastructure  
with bright and crisp LED lighting solutions.**

The destination is as important as the journey. At the end of their drive, citizens desire well lit and secure locations to park their vehicles. The right lighting can brighten even the darkest parking facility, as well as help ensure visitors feel safe and protected.



# Garage

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**Stonco Garage & Canopy  
DualSelect**

Light your parking structures and canopies with this durable and compact option.



**Gardco G3**

XXX



**Gardco SoftView Parking  
Garage Luminaire**

Provide visual comfort with minimal glare lighting in your parking garages using SoftView's edge lit technology.



**Gardco DuraForm  
Flood Light**

XXX



**Lumec SlenderForm  
Canopy Light**

XXX



**Day-Brite FluxStream  
Sealed Strip**

Deliver smooth, diffuse light with this high performing luminaire suitable for parking garages.



**Day-Brite  
VaporLume**

XXX

# Parking

## Area luminaires for parking lots and drives



### **Gardco PureForm Area Luminaires**

Need copy here to cover all sizes  
and optics...



### **Gardco EcoForm Area Luminaire**

Combines economy with  
performance and makes it simple  
to switch to LED and brighten your  
parking area, available in small  
and large.



### **Gardco Form Ten Area Luminaires**

Need copy here to cover all sizes  
and optics...



### **Gardco GullWing Area Luminaires**

Need copy here to cover all sizes  
and optics...



### **Stonco Area Luminaires**

Need copy here to cover all sizes  
and optics...





# Connected Lighting

**Reduce energy costs, improve operations, and turn lighting into a connected network for hosting sensors and improving citizen well-being.**

The Interact connected LED lighting management system enables you to remotely manage, monitor and control all city lighting, from roads and streets, to parks and plazas, and bridges and landmarks all from one single system. The platform provides you with a robust and scalable infrastructure to deliver solutions that go beyond illumination and improve city services, increase safety, and engage with citizens.

# Connected Lighting

## **City Touch** for connected lighting system and management software



### **City Touch**

Connected LED lighting system and management software provides you with a secure and robust infrastructure to improve city services.

## **Interact City** for connected lighting system and management software



### **Interact City**

Manage your street lights in realtime to reduce costs and increase sustainability while putting in place the connected technology foundation for your smart city journey.



### **Interact Landmark**

Light up the spirit of your city using Dynamic LED lighting. Monitor, manage, and control dynamic architectural lighting from anywhere.

## **BrightSites** for connected lighting system and management software



### **BrightSites**

Connected LED lighting system and management software provides you with a secure and robust infrastructure to improve city services.



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