LUMEC

Roadway

RoadScape

The intersection of style and performance

LED

Downtown and business roads

Advanced features such as comfort and precision optics, controllability and glare create a comfortable and productive working, walking and shopping environment for workers, citizens and tourists.

Park, plaza and boardwalk spaces

Sleek design, energy efficiency and high-performance lighting capabilities provide a safe and visually appealing environment for people to enjoy.

Lumec

Residential and road spaces

Durable construction, high efficiency and uniform illumination enhance visibility and safety while creating a warm and inviting atmosphere for residents and commuters alike.
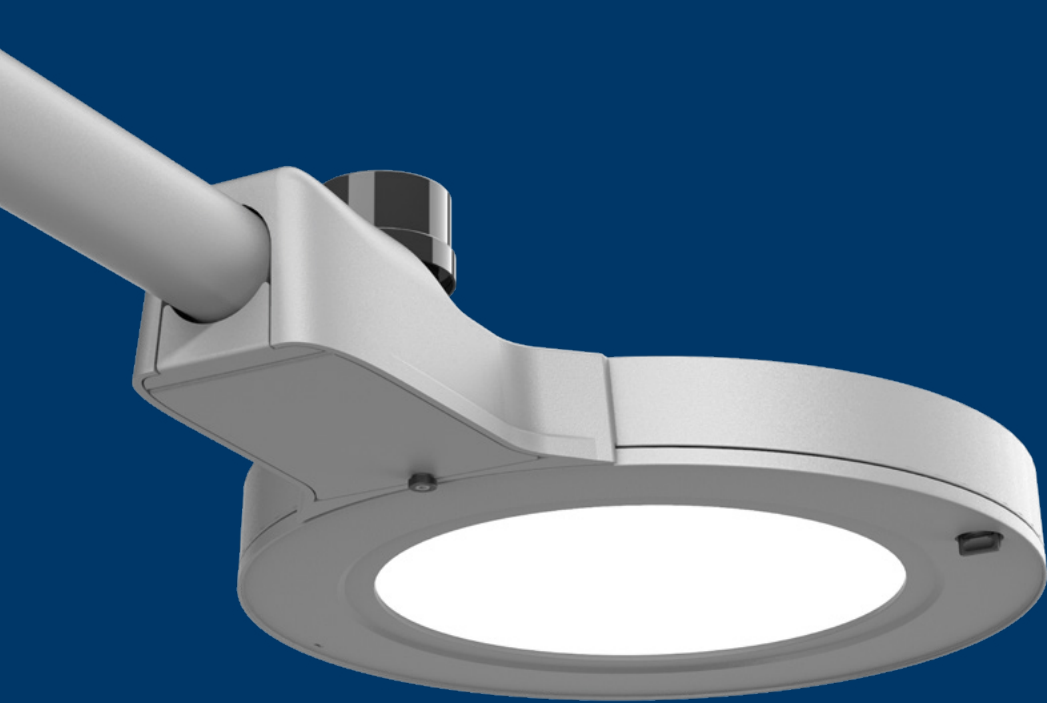
Airport and stadium roads

Sleek design, energy efficiency and high-performance lighting capabilities provide a unique visual signature for your location.

Get it all with RoadScape

No need to sacrifice performance for style.

With reliability at its core, Lumec has been designing roadway luminaires for over 50 years. Get both high performance and style with RoadScape, Lumec's modern approach to roadway lighting. Available with precision optics or ComfortEdge™ optics solutions, RoadScape makes the decision easy when upgrading roadway lighting. For ultimate flexibility, choose from a range of flat or domed roof styles that are designed to mount on standard roadway brackets for retrofit projects or new installations.

Elevating roadways

- ✔ Reliable market-leading performance
- ✔ Precision or ComfortEdge optics
- ✔ Industry standard side mounting
- ✔ Different styles: flat or domed roof
- ✔ Connected ready

Sustainability

- ✔ Enhanced optics optimize performance without sacrificing energy efficiency
- ✔ Fully connectable to achieve maximum lighting efficiency and efficacy
- ✔ Compliant with International Dark Sky, featuring zero uplight
- ✔ Made by a company that is carbon neutral in operations in accordance with the GHG protocol since 2020
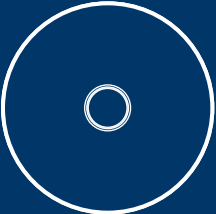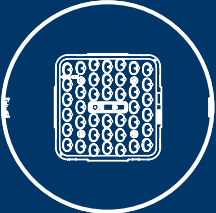
ComfortEdge™

High-performance comfort optics, offering the distribution of precision optics in a comfort optics solution.

Precision

Higher performance optics for use at higher mounting heights or with applications requiring wider luminaire spacing.
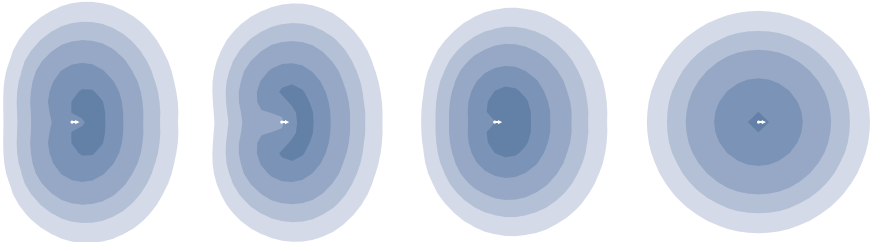
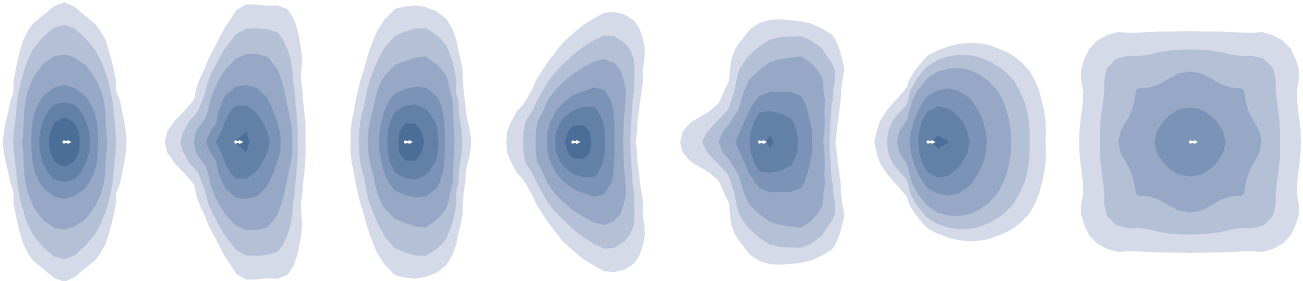## Dark Sky friendly

Zero uplight, warmer CCT offering

DARKSKY APPROVED
· Reduces light pollution ·

Certified by DarkSky.org

Lighting performance

Multiple optical distributions offered for both ComfortEdge™ or Precision optics.

ComfortEdge™ optics

| Comfort Type II | Comfort Type III | Comfort Type IV | Comfort Type V |

Precision optics

| Type 1 | Type 2 | Type 2 Enhanced Backlight | Type 3 | Type 3W | Type 4 | Type 5 |

At Signify, we are on a mission to create a better world with environmentally friendly light.

To transition towards a sustainable and circular economy, we need to rethink the way we produce and consume. With RoadScape, you can rest assured your lighting solution was designed to have as minimal of an impact on the environment as possible.

Luminaire components

Easy access

RoadScape easy access design provides tool-less access to internal wiring components

Terminal block

Bubble level

At a glance

Service Tag:
Innovative way to register, access configurations, and part identification for assistance throughout the life of the product. **(1)**

Twist lock receptacle:
Tool-less 7-pin NEMA twist lock receptacle facilitates connected lighting solutions that can quickly and easily be upgraded in the future. **(2)**

Interact node:
(optional) Provides plug & play wireless communications technology to connect your street lighting to Interact lighting management system. **(3)**

Surge protection:
Standard SP1 and optional SP2 surge suppressors protect the luminaire. **(4)**

Drivers:
Dimming driver 0-10V is standard and D4i certified drivers are optional, enabling controls to be added now or in the future. **(5)**

Quick release & tool-less entry:
Provides easy access for installation and maintenance. **(6)**

Outdoor Multisensor:
(optional) Enables advanced adaptive lighting management and environmental monitoring sensors. Motion detection, temperature and noise levels can all be monitored. **(7)**

IP66 rated:
Reliable light engines that are IP66 sealed to protect against dust and moisture. **(8)**
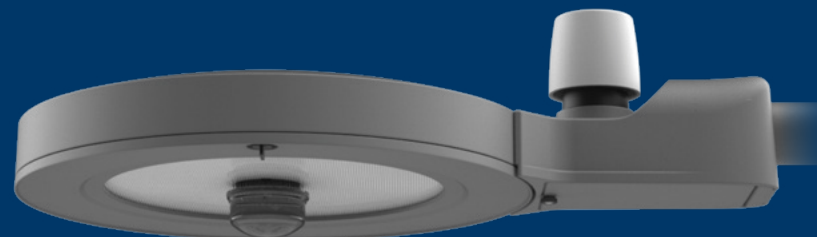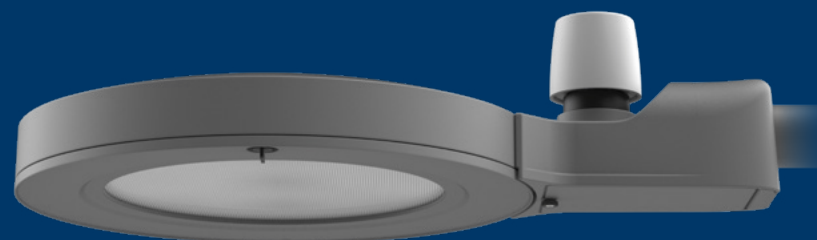
Sensors

Shown with precision optics and flat roof including Interact and Outdoor Multi-Sensor with single LED module.

Shown with precision optics and flat roof including Interact and Outdoor Multi-Sensor with quad LED module.

Shown with ComfortEdge™ optics and flat roof including Interact and Outdoor Multi-Sensor.

Shown with ComfortEdge™ optics and flat roof including Interact.

RoadScape & Interact

System-ready luminaires like RoadScape are built for the future, allowing you to benefit from an end-to-end street lighting management system like Interact City. Interact City is a connected LED lighting management system which helps you enhance services, foster a sense of security, beautify public spaces, encourage civic pride and increase energy efficiency. With Interact, you can remotely manage, monitor and control your city lighting, from roads and streets, to sidewalks and crossings, to parks and plazas — all from one single dashboard.

What Interact City can do for you

- Control and monitor lighting remotely

- Set appropriate lighting schedules to deliver the right light when and where it's needed

- Override schedules manually in the event of incidents and emergencies

- Identify lighting failures through real-time fault notifications

- Support sensors that collect both lighting and non-lighting related data, which can be used for further analytics

- Achieve energy savings of up to 80% over conventional lighting*

- Visualize lighting assets in one dashboard

- Export lighting data to smart city dashboards

Your smart city building blocks

Interact City utilizes powerful software applications which can transform city luminaires into valuable sources of data. You can then share the data you collect with other city management systems in order to analyze and gain new insights into your operations.

Lighting asset management

Software that gives you full visibility into your lighting infrastructure. Automatic fault detection alerts you to issues for quick response and minimal downtime. Data can be used to make informed decisions and optimize lighting performance. Manage lighting-related workflows from an intuitive app and view data from a centralized dashboard.

Scene management

Remotely adapt city lighting to suit time of night, season or event. Turn lighting up if there's a traffic incident or a crime. Dim to 30% when the streets are empty late at night. Use sensors on the light poles to detect activity, keeping your citizens safe and comfortable – easily turning parks and plazas into livable spaces.
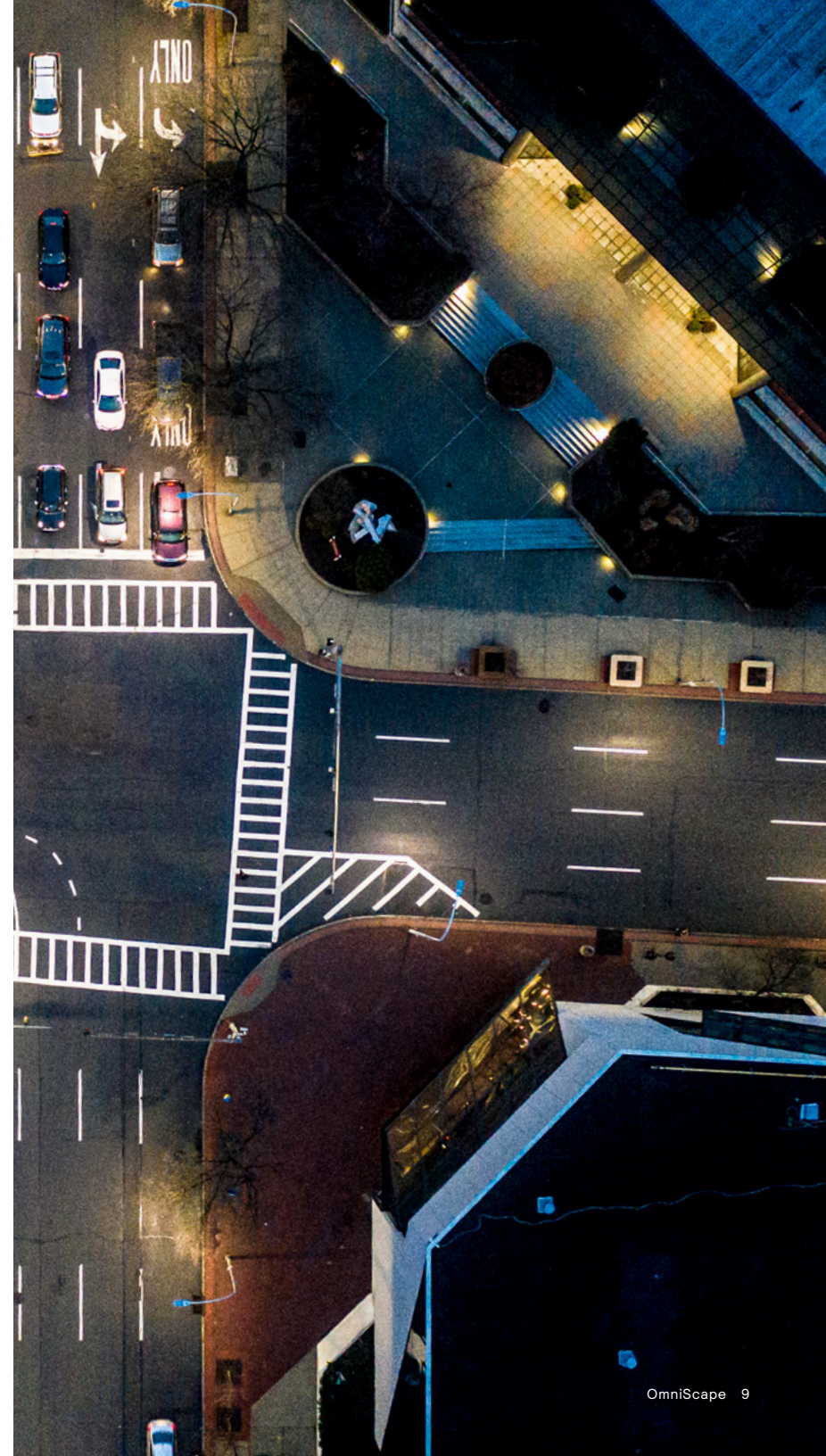
Energy optimization

Optimize street lighting performance and accurately measure energy usage in real-time. Full control of your city lighting lets you make progress toward your sustainability goals and lower energy usage and costs. Those savings can be reinvested into other areas of your city's infrastructure.

Sensors

Outdoor sensors which detect motion/presence, tilt, vibration, ambient temperature, noise and others, can be attached to a luminaire fitted with the ZHAGA Book 18 push-and-twist lock socket interface. Sensing functions can be remotely configured and data can also be sent directly to the Interact City application. Turn every street light luminaire into a city sentinel.

GENLYTE
SOLUTIONS

a ⓢignify business

Signify North America Corp.
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 800-555-0050

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone: 800-668-9008

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