

PHILIPS

LumiStreet gen2

Road and street lighting



LumiStreet gen2/gen2 Pro

The easy way to LEDify your road lighting

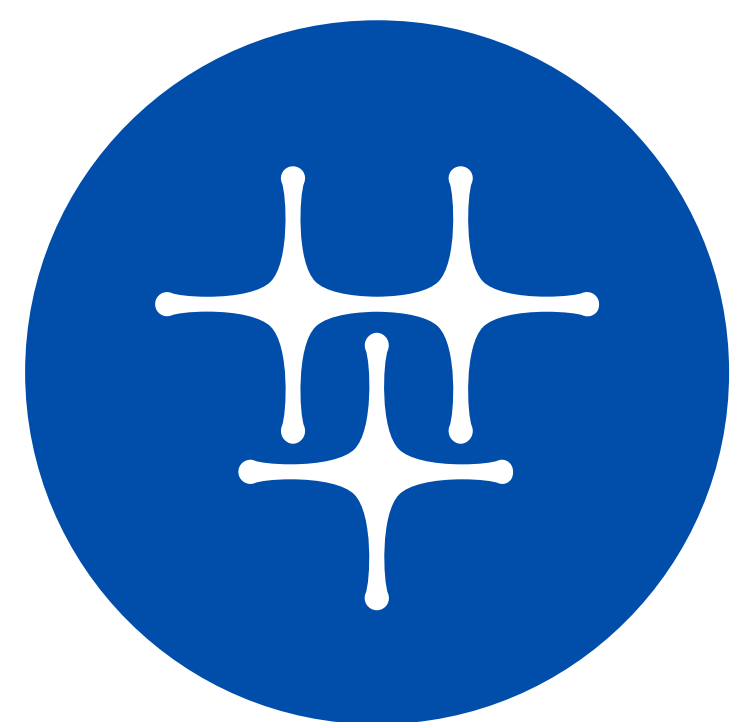


a lighting brand by  signify

*This icon has been developed by Signify and is used as a self-certification for the Philips UltraEfficient luminaires meeting the standards of tier 3 in IEA 4E SSL ANNEX. Only applicable for Philips LumiStreet gen2 UltraEfficient configurations.

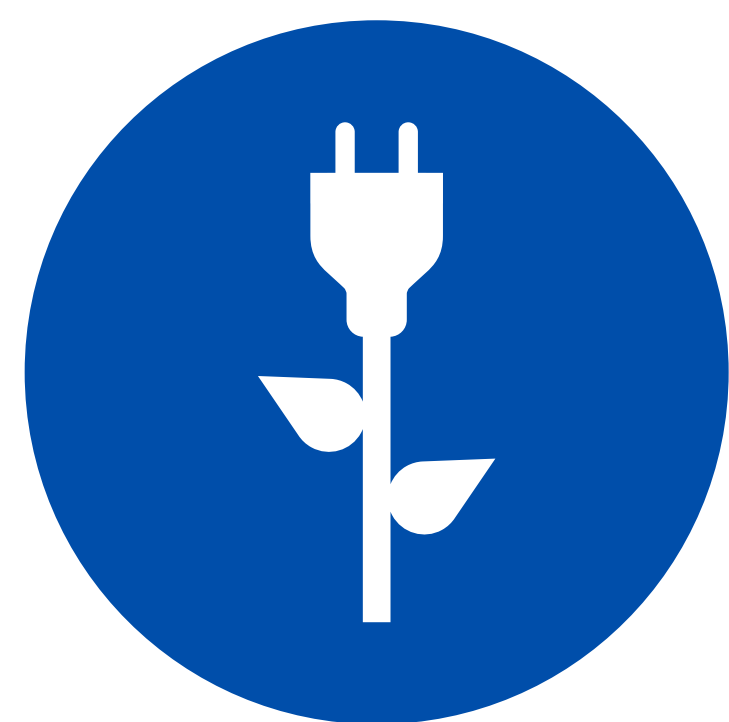
Smarter, efficient lighting for modern municipalities

The new generation of LumiStreet is all about design, future-proof components and world-class light engines with a wide range of optics. Available in standard and Pro versions, it builds on the strengths of its predecessor while ensuring even lower total cost of ownership.



Simplified installation and maintenance
Both the standard and Pro versions feature a smart design and Signify Service tag to reduce installation and maintenance time. The Pro version offers the added benefit of tool-free access to the gear compartment.

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High-performance efficiency
Reduce energy costs with UltraEfficient configurations with 200 lm/W efficacy and smart lighting options

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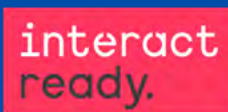


Application flexibility
Four product sizes and a wide choice of optics offer the right solution for many applications



Meet LumiStreet gen2

Available in standard and Pro versions



Interact Ready connectivity for smart lighting

[Read more](#)



High performance

- **New:** UltraEfficient configurations with 200 lm/W
- LEDgine optimized and LEDgine performance engines for very high luminaire efficacy options
- Optional anti-reflective glass helps to further maximize efficiency
- Our optimization calculation tools offer the flexibility to balance efficacy with cost and application needs



Sustainable

- Made of recyclable and durable materials
- Significant reduction of energy consumption and carbon footprint, as shown in the [Environmental product declarations \(EPD\)](#)



Meets lighting for circularity criteria

[Read more](#)



Reduces light pollution: DarkSky approved



Large



Medium



Mini



Micro

High-quality, comfortable light that provides excellent visibility for enhanced safety

Simplified maintenance



- Signify Service tag
 - LumiStreet Pro: tool-free access to gear compartment
- [Learn more about Signify Service tag](#)

Wide application coverage

LEDgine light engines offer an extensive range of standard optics, optimizing the application efficacy in many areas

[Read more](#)

Versatile design

LumiStreet gen2 blends seamlessly into a wide variety of road and street scenes and residential spaces

Get all product details and documents in the [Philips e-cat](#)

Future-ready and easily serviceable

Access from top for easy maintenance and installation

2 Zhaga compliant sockets (top and bottom) or 7-pin Nema socket and Zhaga bottom socket

Optional surge protector (2 pcs max)

Optional fuse (not with plastic gear tray)

LineSwitch (for SR drivers)

Spigot regulation without cover opening

Spigot tilt regulation +15° to -90°

Gear plate for easier maintenance

Philips Xitanium BP, LP, FP or SR driver

Standard: IK09, optional: IK10¹

New: Standard: IP66, optional: IP69¹

Die-cast alloy LM6

Smooth top surface for easy cleaning

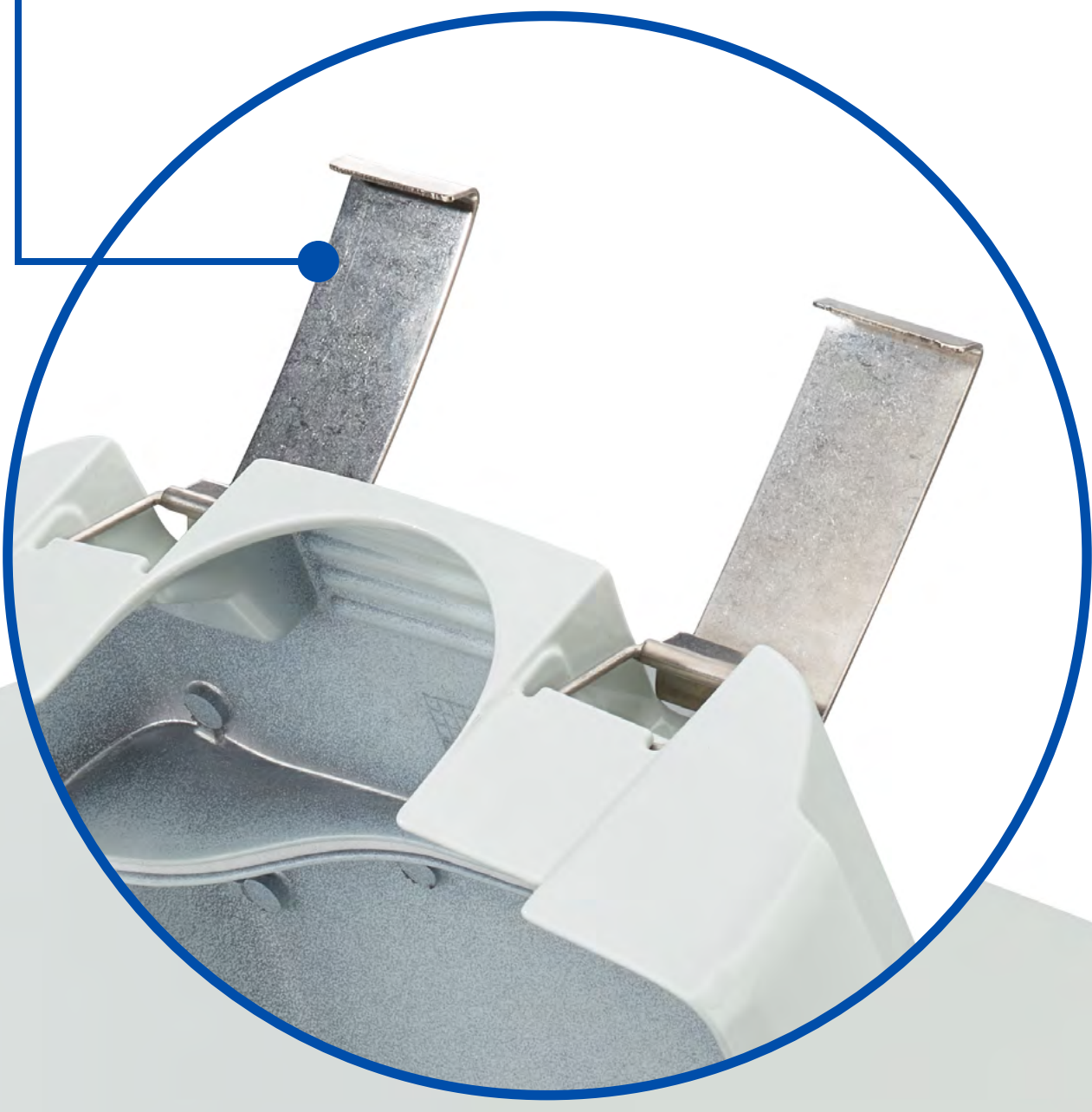
LEDgine optimized or LEDgine performance for highest efficacy

Knife connector in combination with plastic gear tray

Easy access to gear compartment

Standard versions:
Requires only 2 screws to open

Pro versions:
2 aluminium clips for tool-free access



Flat glass or optional extra clear or anti-reflective glass including white mask



Attractive TCO

When it comes to total cost of ownership, LumiStreet stands out:

- Extremely efficient, offering efficacy of as much as 200 lm/W with selected configurations
- Wide range of fluxes from 800 to 62,000 lm
- A lifetime of 100,000 hours and a light lumen maintenance factor of L99 (selected configurations)
- Reduced maintenance leads to significant cost savings compared to conventional and first-generation LED street lighting
- Dimmable for further energy savings
- Interact Ready connectivity for smart lighting
- Ease of installation and maintenance enabled by Signify Service tag
- LEDgine performance light engines can save costs by enabling higher fluxes, allowing the use of smaller luminaires

¹ Except LumiStreet gen2 large

Main applications

From nightlife areas to cycle paths to motorways — different areas of the city have unique lighting requirements. LumiStreet gen2 can be effectively deployed in any environment to match its lighting needs.

• Illuminate outdoor parking areas

• Light up major and minor roads

• Enhance safety on walkways, cycle paths and minor roads

• Optimize lighting efficiency on highways



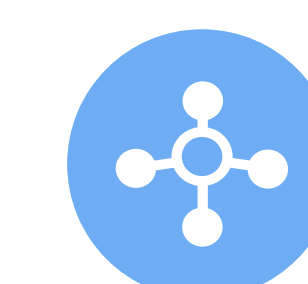
Your application, our LEDgine solutions

Our innovative range of flexible LEDgine LED light sources and optics offer solutions for every lighting need. Discover the new LEDgine performance and proven LEDgine optimized.



UltraEfficient LEDgine

- LEDgine performance enables ultra-efficient lighting with a system efficacy of an impressive 200 lm/W for selected configurations
- Minimization of luminous flux and energy consumption by using the highest lumen maintenance (L93 to L99; L100 with CLO)
- Enables attractive total cost of ownership through high energy savings and reduced initial cost thanks to high fluxes in same housing



Standardized optics

- Complete optics and louvers range for a perfect fit and standardization in any application
- Outstanding performance across diverse geometries
- Supports various design parameters, including tilt and overhang
- Similar light distribution to conventional lighting to ensure design continuity after LED conversion
- Compliant with road lighting standards



Standardized LEDgine optimized and LEDgine performance engines

- Light engines optimized for the best balance of cost, energy efficiency, and application versatility
- Access to latest LED upgrades without altering light distributions
- Consistent flux packages across product ranges, including Constant Light Output (CLO) options
- Lighting design remains consistent after LED upgrade
- Easy configuration thanks to Signify Service tag
- Many optics are shared between LEDgine performance and LEDgine optimized, streamlining service parts and maintenance



Tailor-made solutions

- Create customized project solutions with the exclusive calculation tool by Signify
- Set the required flux for optimal balance between operational life, maintained flux, energy costs, and product type
- Environmentally friendly ClearField (for protection of bats) and ClearStar (for night sky preservation) light recipes
- Create custom standards to align with specific requirements and policies

Designed for a circular economy

In 2024, we used 1.7 times the resources our planet can sustain. To transition to a sustainable and circular economy, we need to rethink the way we produce and consume. There's no plan B for our home planet.

By choosing our lighting for circularity solutions, you get flexibility in lighting configurations and settings while reducing your carbon footprint to help you reach your sustainability development goals.

Go for optimal sustainability by selecting your renovation path

Are you looking to update your non-LED lighting?

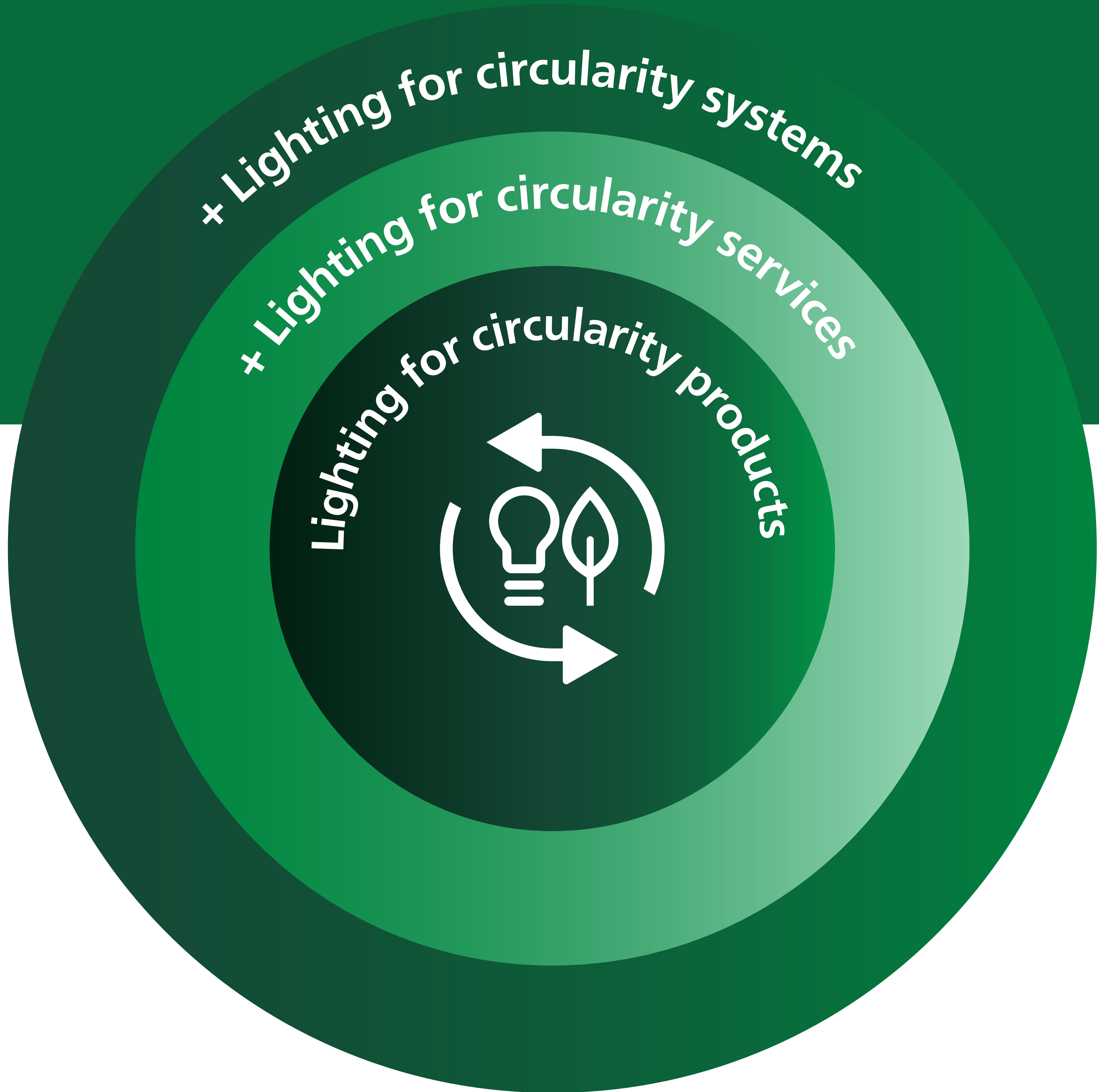
- Choose our lighting for circularity **products**
- Full portfolio of circular economy ready Philips LED luminaires
- Superior efficacy
- Products are recyclable, connectable and serviceable.

Are you planning to update your LED-based infrastructure?

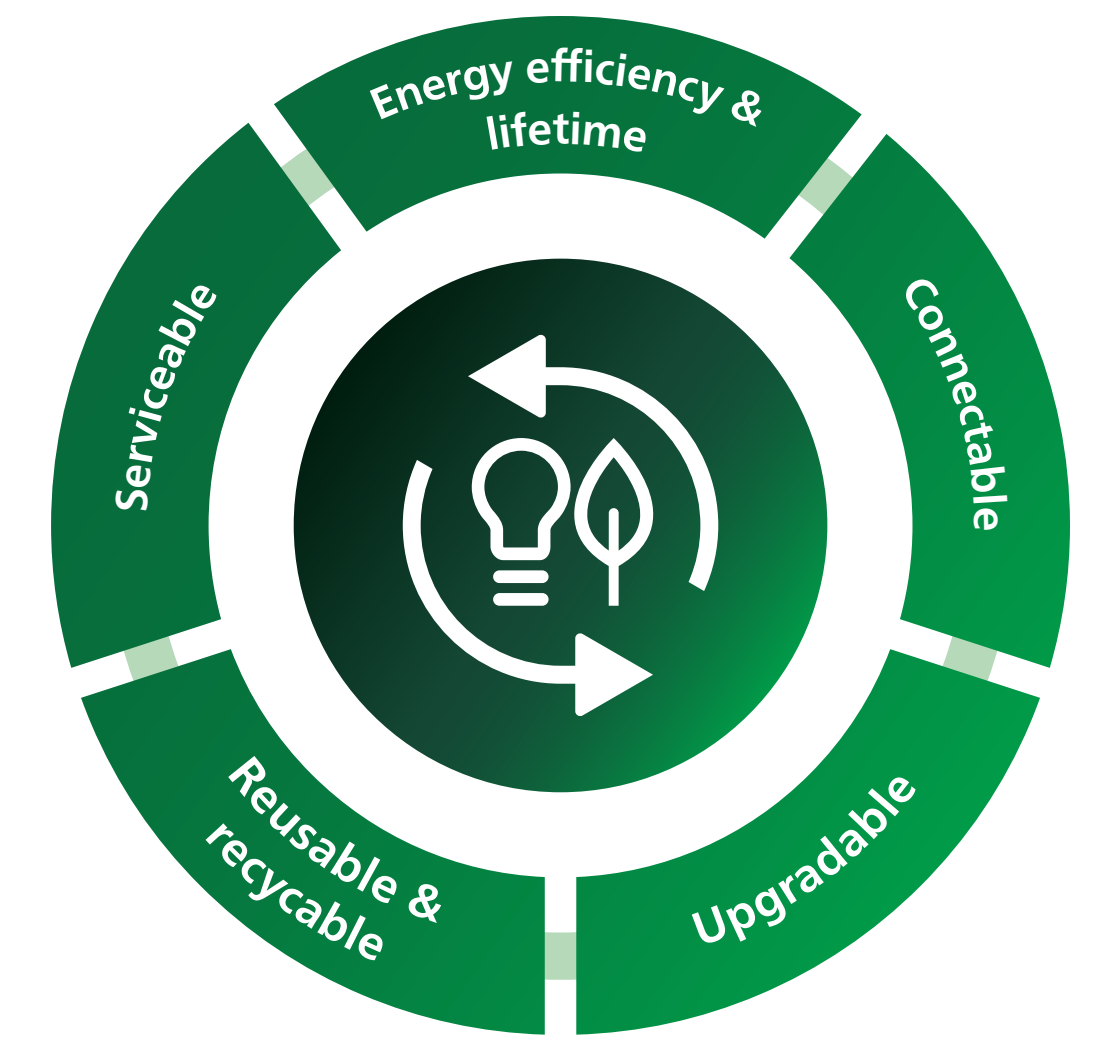
- Discover our remanufacturing or refurbishment **services**
- Gain enhanced luminaire performance, extended lifetimes, and end of contract management

Do you want to unlock the potential of smart lighting?

- Update your infrastructure to smart lighting with our **systems** solutions
- Optimize your energy costs with insights into your energy usage
- Configure lighting behavior
- Remotely monitor your lighting system



Philips LumiStreet gen2 and LumiStreet gen2 Pro meet the five criteria of lighting for circularity



1. Energy efficiency and extended lifetime

- UltraEfficient configurations available with luminous efficacy of 200 lm/W
 - i** Select LEDgine performance (1P) product versions
- Tailor-made optics support optimized lighting design in various applications for even greater energy savings
- Long lifetime of 100,000 hours (L99) for selected configurations reduces the need to replace luminaires or components

2. Connectable

- Zhaga or Nema sockets can connect LumiStreet gen2 to smart lighting systems (Interact or any other CMS)
 - i** Choose Interact Ready product version (IACZ-4)
- The Zhaga bottom socket supports Zhaga-compliant sensors (e.g. for motion, noise, and air quality sensing)
 - i** Choose Outdoor Multisensor (OSB)

3. Upgradeable

- The driver and other electrical components can be easily upgraded by replacing them using standard tools



Housing: Die-cast aluminum

- 85% from recycled content
- Fully recyclable

4. Reusable and recyclable

- Replacing luminaire parts can significantly extend the service life of a LumiStreet installation. With LumiStreet Pro, it's even easier thanks to tool-free gear compartment access.
- At the end of its service life, the luminaire can be easily dismantled into parts made of the same (pure) material
- Major aluminum and plastic parts are marked with the exact material type and original manufacturing date for efficient recycling

5. Serviceable

- Signify service tag QR-based identification system for easy identification of spare parts
- Components are designed to be modular and use platform building blocks to enhance reuse across the portfolio

Environmental products declarations (EPD) are available for the whole LumiStreet gen2 family, download them

Signify Service tag

Service tag from Signify is a unique QR code-based LED luminaire asset identification system that provides detailed information on specification and spare parts. The system simplifies the installation and maintenance of lighting infrastructure by utilizing cloud technology. Service tag also plays a key role in the circular design of our lighting solutions, as it extends their service life and reduces maintenance efforts, ensuring efficient servicing and avoiding waste.

How it works

Every LumiStreet gen2 luminaire is equipped with a unique QR code. All relevant asset data is stored in the service cloud, including:

- Detailed luminaire specification
- User data (geo-location, external ID, notes, etc.)
- Information on spare parts and accessories

By scanning the QR code on the packaging, luminaire, or pole with the Signify Service tag app, this information becomes instantly accessible, offering invaluable benefits.



Easy installation and commissioning

Access to product details, manuals and spare parts
Helps avoid errors



Simplified maintenance

Detailed information on products
Quick access to relevant information means less time required for repairs or replacements



Asset management

Real-time tracking of assets
Simplified management of replacements, upgrades and warranty information



Digital workflows

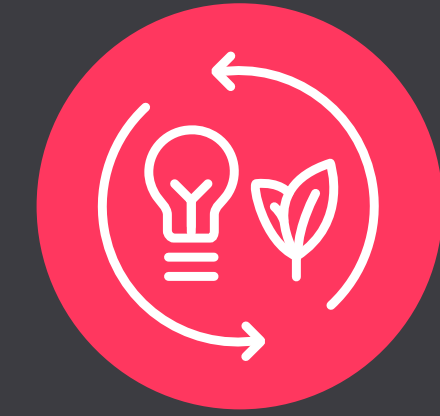
Simplified component replacement, error diagnostics, service requests, configuration changes, and more



Download the Service tag app for free!



Learn more on signify.com/global/service-tag



Interact is part of our
lighting for circularity offer

Interact for smart lighting in city applications

Interact City lighting management software turns your street lighting into a connected network capable of hosting sensors and other IoT enabled devices. It enables you to tap into a wide range of both lighting and non-lighting benefits such as dimming, presence detection, noise or air quality monitoring, and incident detection.

Smart

- Benefit from remote control and monitoring and reporting capabilities
- Use data to make better informed decisions more quickly

Sustainable

- Identify opportunities for further energy savings by dimming, scheduling and zoning
- Optimize the lights' power factor to minimize waste and reduce demand on the power grid

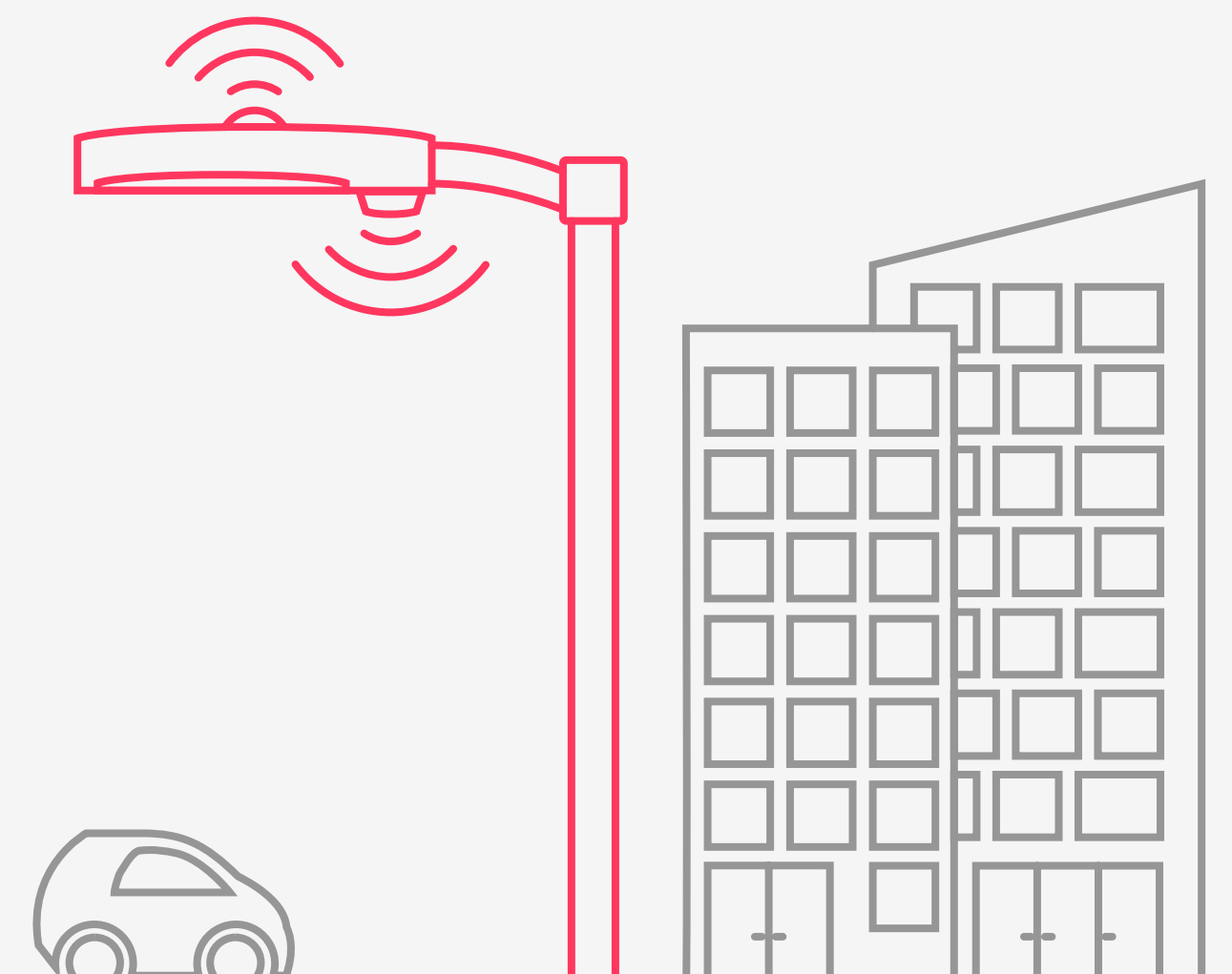
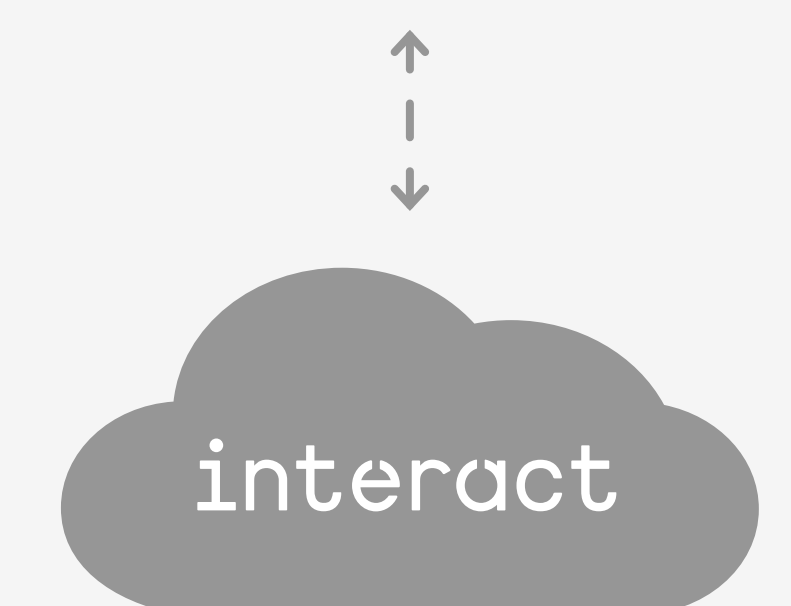
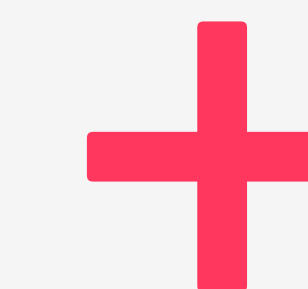
System ready

- The Open APIs of the system allow Interact City lighting management software to be integrated into your other city management systems
- This enables your existing partners or independent third parties to use it as a platform for future innovation

This is all you need for your smart lighting system

LumiStreet gen2
equipped with control node
on top and/or at the bottom

interact
ready.



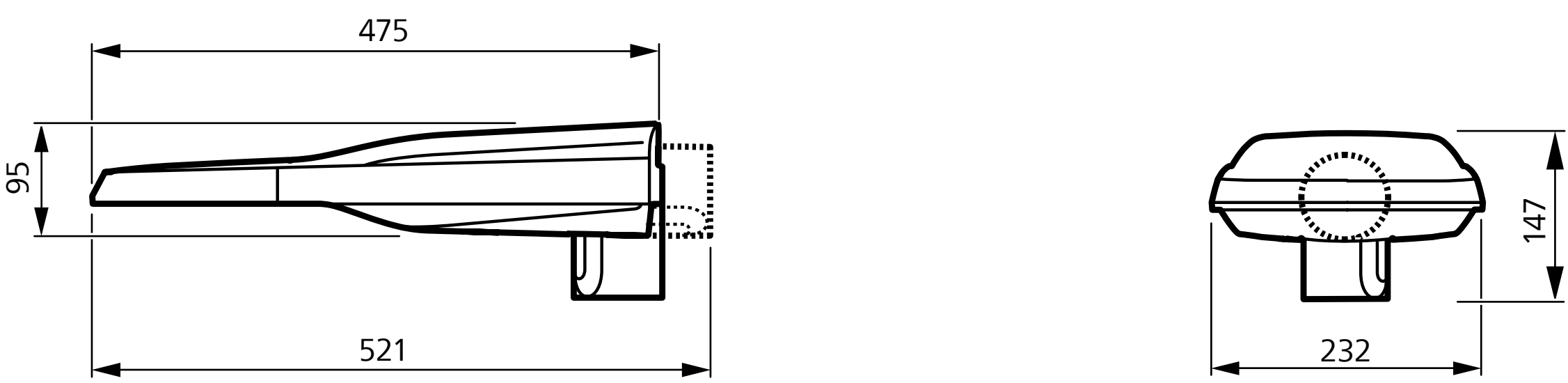
Specifications

Get all product details and documents in the [Philips e-cat](#)

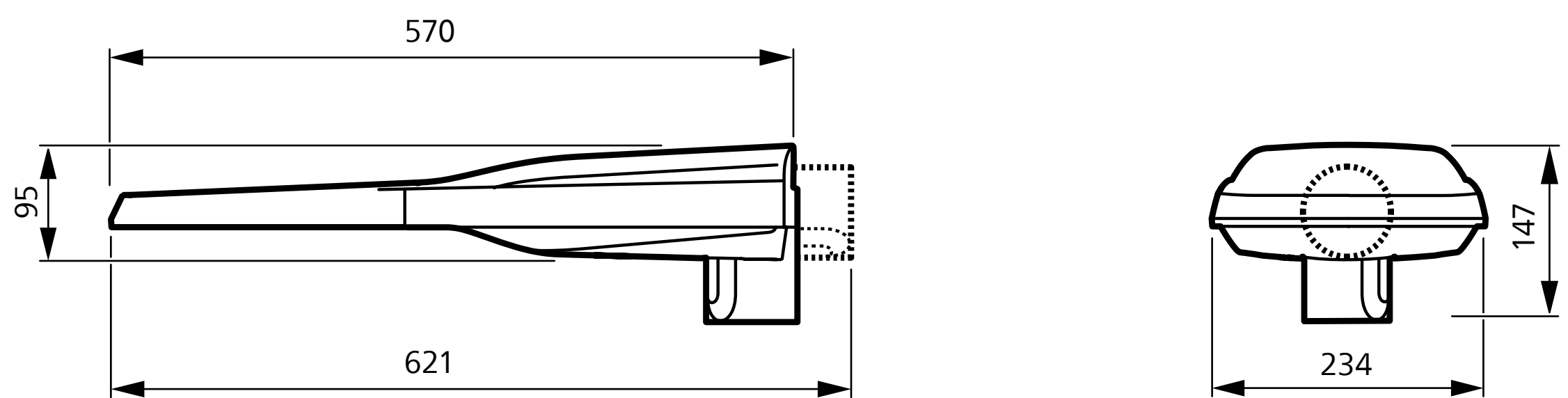
Types (Standard/Pro)	Micro (BGP291/BGP391), mini (BGP292/BGP392), medium (BGP293/BGP393), large (BGP294/BGP394)
Power (W)	7W-245 W
LEDs	Micro: 6, 10, 20 / mini: 10, 20, 30, 40 / medium: 40, 60, 80 / large: 120, 160
Source flux (lm)	Micro: 700-11,500 / mini: 1,400-21,500 / medium: 4,700-31,000 / large: 10,000-62,000
Luminaire efficacy	120-200 ¹ lm/W, depending on light color
Ingress protection/Impact resistance	IP66, IP69 (optional ²) / IK09, IK10 (optional ²)
CCT (K)	1800 ³ , 2200, 2700, 3000, 4000, 5700, ClearStar, ClearField
Lifetime	100,000 h (L93 to L99; L100 with CLO)
Operating temperature range	-40° to +50° C
Mains voltage	220-240V/50-60 Hz
Dimming	DynaDimmer (incl. LumiStep profiles) / DALI / coded mains / AmpDimming / LineSwitch / ZSC010 (Bluetooth Zhaga module, separate supply) / outdoor multisensor / Interact Zhaga 4G or RF node
Connectivity options	Top and/or bottom Zhaga socket / Top 5/7 PIN Nema
Optics	Over 40 different optics to optimize distribution in narrow, medium, wide and extra wide. LEDgine optimized: e.g. DN10, DM50, DW52, DX10. LEDgine performance: e.g. DN09P, DM11P, DW30P, DX50P. Optional louver can be added (retrofit)
Optical cover	Flat glass, thermally hardened. Optional: extra clear glass or anti-reflective glass
Materials	Housing: high pressure die-cast aluminum
Color	Housing and canopy in RAL 7035. Other upon request.
Maintenance	Easy top access by loosening 2 screws (LumiStreet standard) or tool-less opening via 2 aluminium clips (LumiStreet Pro)
Extra options	Fuse / external cable 4-22 m / internal back light louvers / external louvers / knife connector / painted spigot / marine special painting (1000 hrs SST) / surge protection 10 kV or 20 kV (with SPD)

Product dimensions

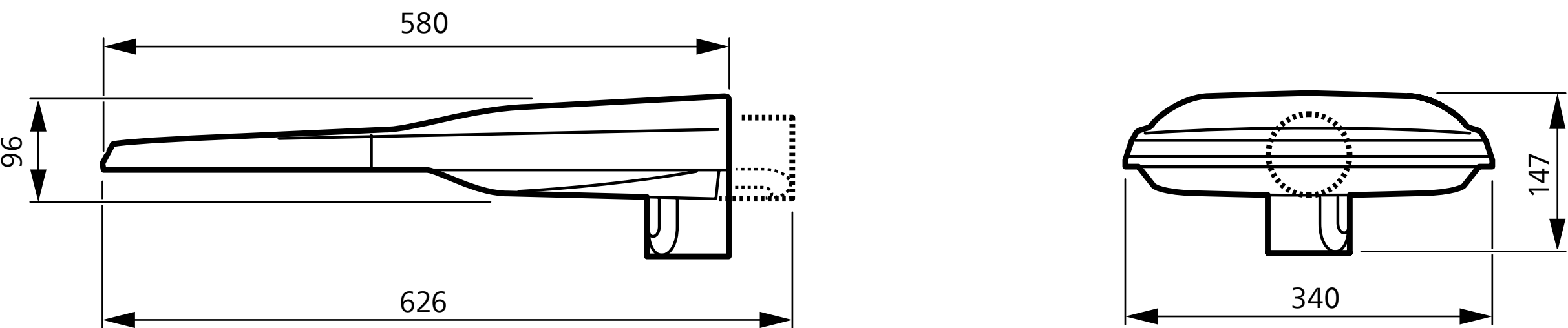
LumiStreet gen2 micro



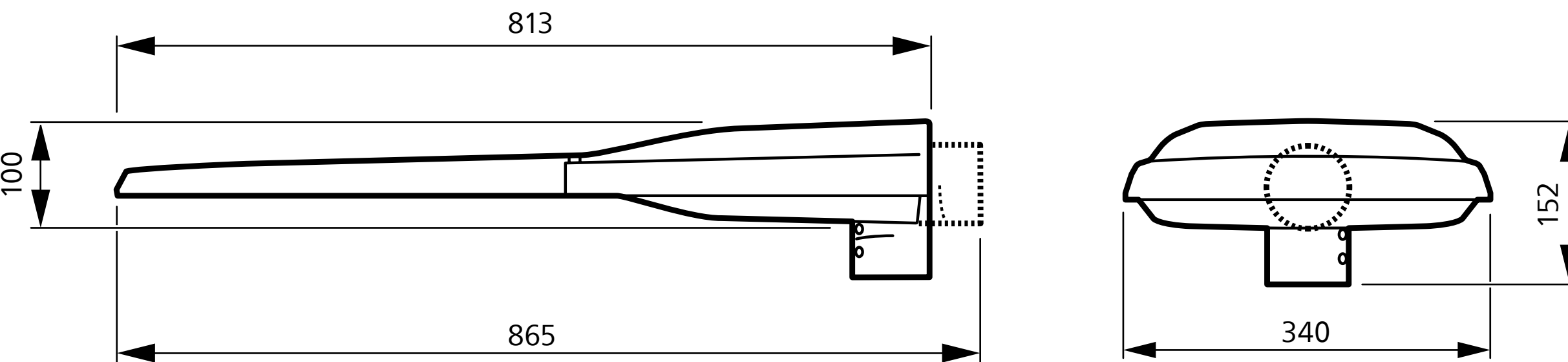
LumiStreet gen2 mini



LumiStreet gen2 me-



LumiStreet gen2 large



¹ With UE configuration ² Not available for LumiStreet large ³ Only for LEDgine performance

You and Signify – a reliable partnership

Signify, previously known as Philips Lighting, is the world leader in connected LED lighting systems, software and services. We proudly market the best lighting brands in the world, including Philips and Interact.

Close cooperation before, during and after projects is important to us. Our local service teams make sure you always get the competent support and information you need. You can rely on us for flexible, on-time delivery and product availability.

To help you stay on top of your game the [Signify Lighting Academy](#) offers a comprehensive range of educational resources for you to grow your expertise and get certified.

Our global brands

PHILIPS

The Philips brand stands for quality and energy-efficiency in light. For over 125 years, Philips products have been at the forefront of innovation.

Today Philips is recognized as the leading brand in lighting.

interact

Interact is the brand of our IoT software and platform that manages smart lighting systems and the data that those systems collect.

Easy to install and set up, Interact software can be used in a wide range of application areas, from small offices to entire cities.

Get more info on our products, services and tools:

signify



Driven by responsible innovation

Signify and Mercedes-AMG PETRONAS F1 Team are driven by a shared passion for technology and the desire to push the boundaries of what is possible.

Our innovations in lighting support the team's ambition to become one of the world's most sustainable in sport, serve the well-being and performance of the team, and deliver powerful experiences for fans, trackside and at home.

[Learn more at](#)

Signify is Official Lighting Partner of
Mercedes-AMG PETRONAS F1 Team

signify



Official Lighting Partner

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