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## UrbanStar

Combining innovative design  
and advanced LED performance

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# Meet UrbanStar

In residential areas, the familiar conical luminaires equipped with PL-L or HPL lamps can now be replaced by a charming design luminaire incorporating leading-edge LED technology - without losing any of the visual balance and ambiance provided by the former solution.

UrbanStar delivers outstanding levels of lighting and energy performance thanks to its optimized LED engine and its application tailored optics. It has been specially designed for residential applications, and its translucent cone delivers very comfortable light.

## Benefits

- Unique and innovative design
- Up to 40% energy saving compared to compact fluorescent lamps
- Comfortable light creates atmosphere

## Features

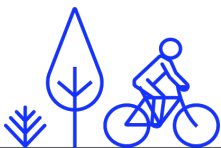
- Optimized optics to deliver efficient and comfortable lighting levels
- Frosted protector
- Uniform light distribution



# Application areas



Footpaths



Cycle lanes



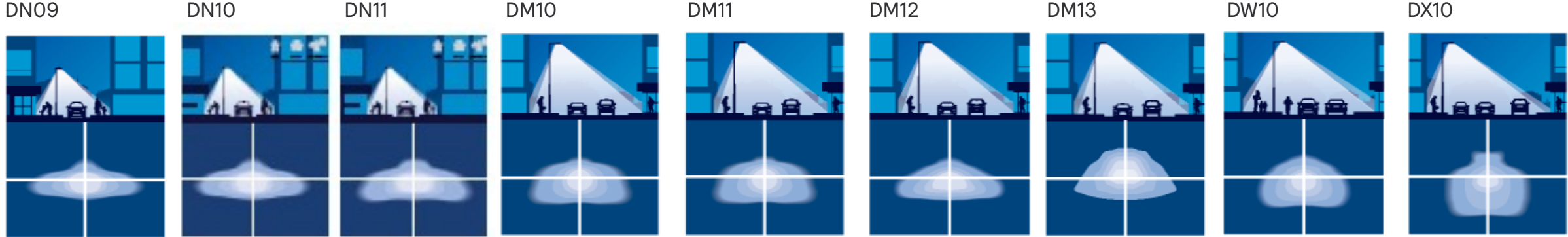
# Family range

- Installation height 3.5 to 6 m
- Dedicated luminaire and pole combinations combining innovative design and LED performance

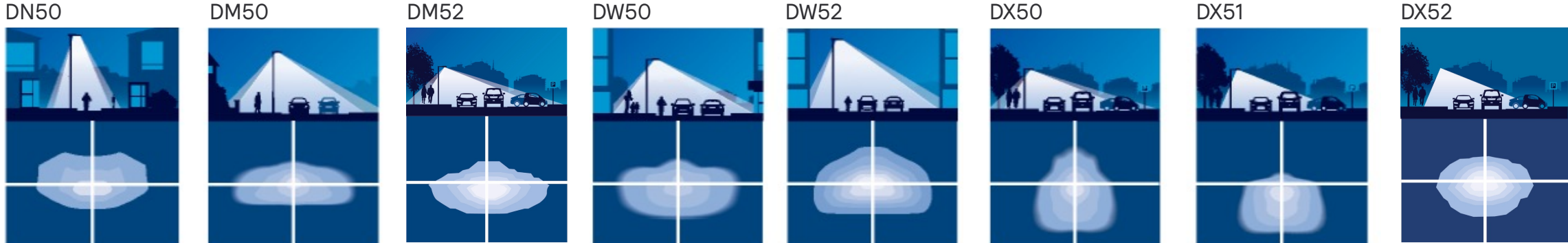


# Optics

## Luminance classes (M)



## Illuminance classes (P, C)



Narrow to wide

# Lighting performance

## Dedicated applications

Optics + BL1



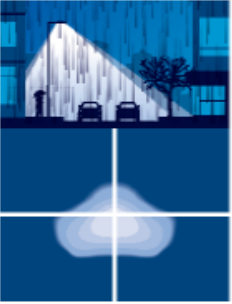
Optics + BL2



DM30



DM31



DS51



## Special user needs

DM32



DM33



DN33



# System-ready architecture

The digital and smart city era is accelerating fast. To keep pace, cities need luminaires that are not only designed for today's technologies but are prepared for future advances and upgrades. The system-ready architecture gives you a scalable foundation that you can build on whenever your city is ready to opt into new advances in technology. So you can take light beyond illumination into a dynamic world of sensor-rich lighting — whenever you're ready.

## Upgrade now or later

UrbanStar is a system-ready luminaire, with universal sockets on each luminaire, so, all you have to do is click in controllers or sensors to activate new applications. That means you can install your luminaires today and mount controllers and sensors at a later date—without any hassle.

## An open platform

Our system-ready luminaires use state-of-the-art architectures and components. Because they are SR and ZD4i certified, they are compatible with all components released in our SR program. This ensures you'll always be ready for the latest innovations that will enable you to get more out of your lighting infrastructure.



# Interact for smart lighting

With Interact, it's easier than ever to realize the benefits of smart lighting: higher energy savings, improved space utilization, greater well-being and employee productivity – and a big step towards achieving sustainability goals.

## General benefits

- No additional (DALI) control wires needed
- Perfect for projects of any size
- Quick to install and ready to use in a few clicks

## Sustainable

- Sensor-enabled motion and daylight harvesting for instant energy savings
- Interact is part of our lighting for circularity offer

## Smart

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

## Efficient

- Collect actionable space analysis data
- Be informed of issues to enable timely and cost-efficient maintenance

[Discover Interact for area lighting](#)

This is all you need for your smart lighting system



UrbanStar  
with Interact node



Software applications

# Signify Service tag

- A unique QR code-based LED luminaire asset identification system
- Providing detailed information on specification and spare parts, simply by scanning the code on the packaging or luminaire with the Signify Service tag app.
- 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.



## Your benefits at a glance:



Easy installation  
and commissioning



Simplified  
maintenance



Asset  
management

Learn more at [signify.com/global/service-tag](https://www.signify.com/global/service-tag)

# Signify Service tag: Installation



## #1. Download the app

Download the Service tag app from the App store or Play store on your mobile device (iOS or Android).



## #2. Register the luminaire

Register the luminaire by simply scanning the QR code on the packaging or luminaire. The system automatically identifies the type of each luminaire.



## #3. Create a group QR code

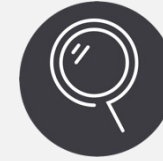
If you have multiple luminaires, it's possible to use the Service tag app to combine individual luminaires into a group. Each group will have its own unique group QR code.



## #4. Luminaire information

Scan the QR code on your luminaire for easy access to the installation manual.

# Maintenance



## #1. Spare parts identification

Use the Service tag app to view a luminaire's spare parts, which contains all necessary information for quick ordering.



## #2. Spare parts programming

Quickly program a spare driver using the Service tag app—without needing a faulty driver on hand. Scan the QR code of a luminaire with your device, put your mobile device on the spare driver, press “Program” and the spare driver receives the right settings for this specific luminaire.



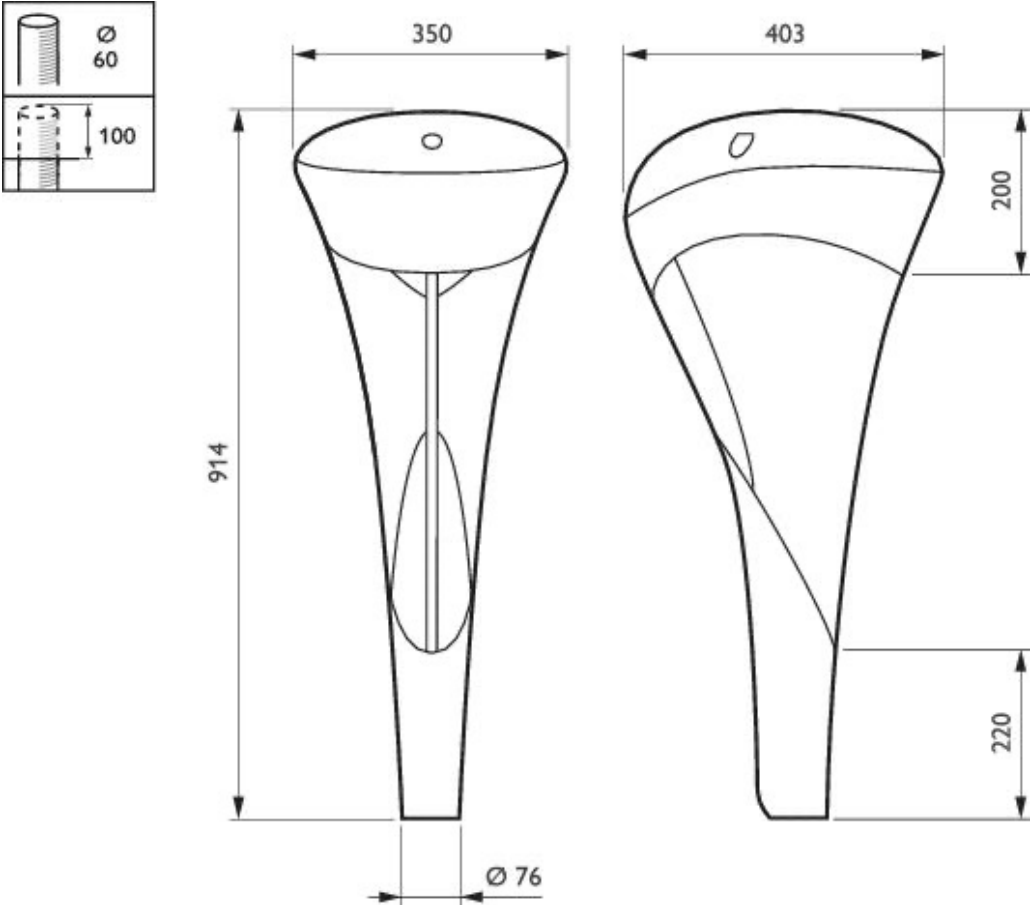
Learn more at  
[signify.com/global/service-tag](https://signify.com/global/service-tag)

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# Product specifications

# Dimensional drawings



# Product specifications

Type	BDS100
Light Source	Integrated LED module
Correlated Color Temperature	2200K, 2700K, 3000K (warm white), 4000K (neutral white)
Color Rendering Index	80 (warm white) – 70 (neutral white)
Luminous flux source	600–5400 (warm white) 800–5400 (neutral white)
System power	5–39.5W
Luminaire efficacy	59–152 lm/W
Useful life	100,000 hours at L96B10 minimum
Optic	DN09, DN10, DN11, DN50, DM10, DM11, DM12, DM30, DM31, DM32, DM33, DM50, DW10, DW50, DW52, DX10, DX50, DX51, DX52, DS50, DS51
Materials	Optical cover: glass or frosted glass Cone and top: polycarbonate Spigot: die-cast aluminum
Warranty	5 years
Installation	Post-top: 60 and 76 mm, standard tilt angle 0°
Mounting height	Recommended up to 5–6m
Driver	Xitanium driver
Inrush current	40W: 22A/290µs – 22W: 15A/360µs

CLO	Available
Intelligence Control	LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), Reverse LineSwitch (D12), Interact Ready, Codes mains (D28), AmpDim (D13)
Control systems Input	DALI, Interact Ready
Operating temperature	-40° C to +50°C
Mains voltage	220–240 V   50–60 Hz
Electrical class	Class I and II
Color	Base and top: signal grey, grey (10715), silver grey (7001) Other RAL colors available on request
IP rating	IP66
IK rating	IK09 with flat glass/IK08 with frosted glass
Weight	9 kg
Scx	0.155m <sup>2</sup> max
Surge protection	6 kV (standard) – 10 kV (optional)
Certification	CE, ENEC

# You and Signify – a reliable partnership

Signify is the world leader in connected LED lighting systems, software and services. We proudly bring to market the best lighting brands in the world, including Signify, Philips and Interact.

We believe in close cooperation before, during, and after every project. Our local teams provide the support and information you need—with flexible, on-time delivery and reliable product availability.

To help you stay ahead, the [Signify Lighting Academy](#) offers a comprehensive range of educational resources to grow your expertise and earn certification.

Get more info on our products, services and tools:

[signify.com/installer](https://www.signify.com/installer)

[signify.com/specifier](https://www.signify.com/specifier)

# Our global brands

 Signify

Signify represents our commitment to sustainable innovation. As our leading brand for connected lighting systems, luminaires and components for the specification project business, Signify solutions serve the segments where we collaborate most closely with our customers.

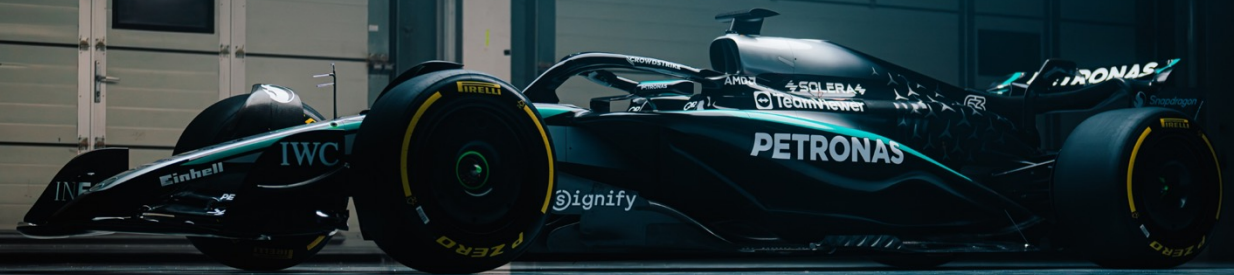
 Signify interact

Signify Interact is our IoT software platform for managing smart lighting systems and unlocking the value of the data they collect. Easy to install and configure, Interact supports a wide range of applications—from small offices to entire cities.

**PHILIPS**

Philips stands for quality and energy efficiency in lighting. It is our leading brand for innovative, off-the-shelf lighting products for professionals and consumers alike.

# Get into pole position with high-performance, energy-efficient LED



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

 Signify



  
AMG  
PETRONAS  
FORMULA ONE TEAM

Official Lighting Partner

**@signify**

the meaning of light