

PHILIPS

GreenVision Xceed Gen2

Road & Street lighting



Re-engineered
to meet your
evolving needs
and **expectations**

GreenVision Xceed Gen2

The new generation of Xceed is all about design, future-proof components and a best-in-class light engine with a wide range of optics. With all the strengths of its predecessor combined, the second generation is designed to further minimize your Total Cost of Ownership.

Lighting up streets and roads enhance the comfort, security and overall safety of our rapidly growing urban environments. Our GreenVision Xceed Gen2 makes an affordable LED road lighting solution that ensures sufficient light on your roads & streets.

The GreenVision Xceed Gen2 family from Signify provides your city with a flexible lighting system which can be deployed anywhere in urban spaces, highways and rural areas – our luminaires provide the optimal light for all application areas. And, GreenVision Xceed Gen2 is ready to be connected and work with smart city ecosystem

Our new GreenVision Xceed Gen2 range is enhanced to give city lighting departments even more control – to choose the right light



GreenVision Xceed Gen2

GreenVision Xceed Gen2 offers a number of advantages, including high efficiency, low Total Cost of Ownership. Thanks to Service Tag the installation and maintenance never been easier. Moreover, the SR and System Ready socket makes the luminaire future ready, so it can be paired with lighting control and software applications such as Interact City.



Sustainable

GreenVision Xceed Gen2 has a compact design and is made of durable materials. Furthermore GreenVision Xceed Gen2 incorporates technologies that reduce energy consumption.



High quality of light

GreenVision Xceed Gen2 delivers comfortable lighting without compromising on visibility and safety.



Adaptable design

With its simple and pure design GreenVision Xceed Gen2 blends seamlessly into a wide variety of road and street scenes and residential spaces.



Wide application coverage

From outdoor parking areas, to cycle paths to highways GreenVision Xceed Gen2 is your answer. Thanks to the latest LED platform and its extensive range of optics GreenVision Xceed Gen2 offers great performance.



Attractive TCO

The second generation of GreenVision Xceed designed to further minimize your Total Cost of Ownership. With greater attention to cost savings we have improved installation and maintenance issues.



Future-ready and easily serviceable

GreenVision Xceed Gen2 is easy to service thank to Service tag. And since it's System Ready, it can be paired with lighting control and software applications like Interact City.

Application areas

Different contexts need different light

From night life areas to cycle paths to motorways – different areas of the city have unique lighting needs. GreenVision Xceed Gen2 can be effectively deployed in any environment and match to its lighting needs.

Illuminate outdoor parking areas



Light major, minor and provincial roads



Enhance safety on walkways, cycle paths and minor roads



Optimize lighting efficiency on highways



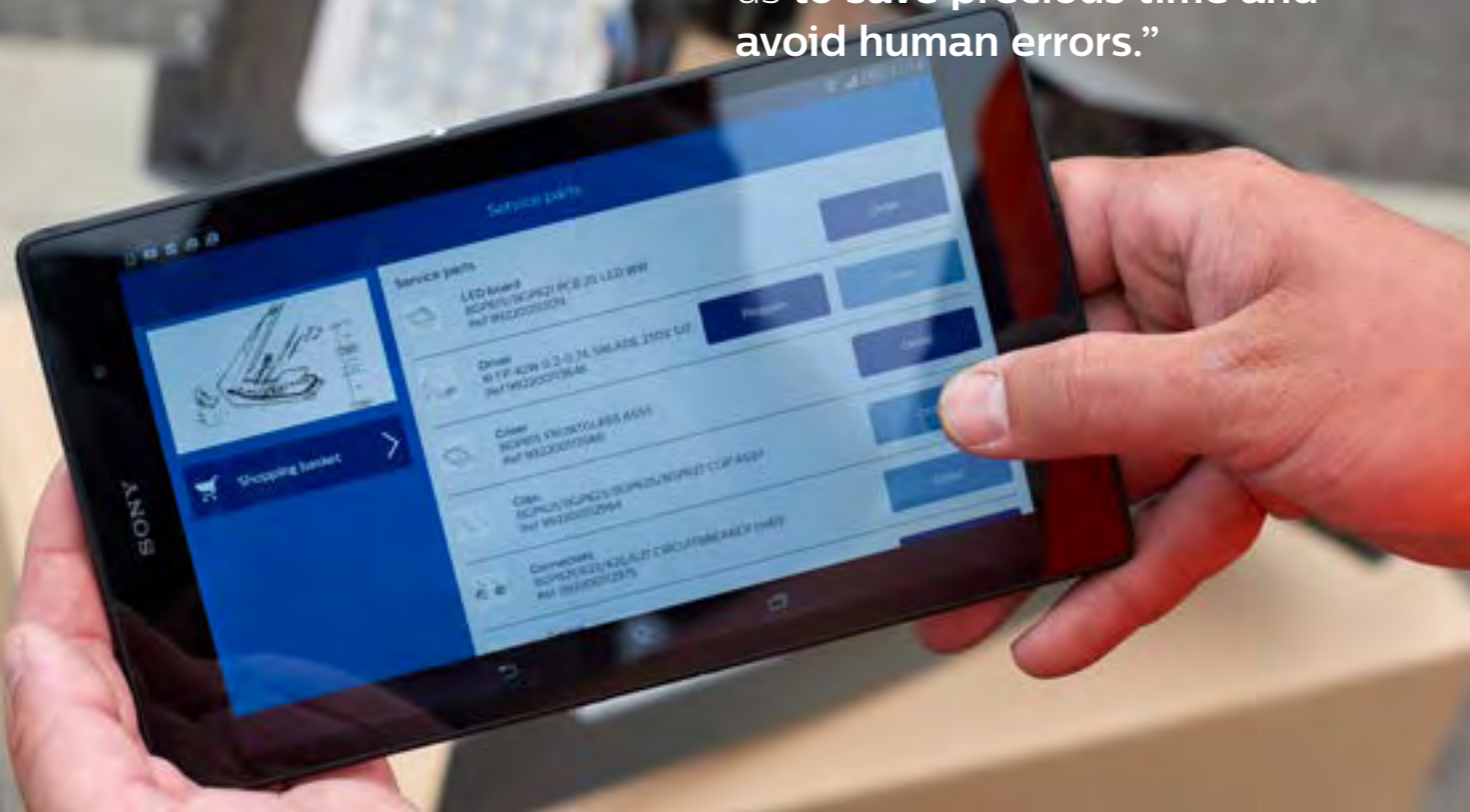
Designed for Serviceability

Easy to service thanks to the Service tag: Unique QR-based identification system that appears on individual luminaires and their packaging 360° proposition simplifies installation and servicing
Provides 24/7 access to luminaire and spare parts information
Allows on-the-spot driver reprogramming by being System Ready, GreenVision Xceed Gen2 is ready to be paired with existing and upcoming control and lighting management applications such as Interact City.

Note: Service Tag available from May 2020 

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The greatest value of the Service tag is that it enables us to **save precious time and avoid human errors.**”



Why Service tag?



Easy access to relevant information

Improving installation process by providing easy access to product configuration information



More effective maintenance

Enabling more effective maintenance operations by identifying spare parts

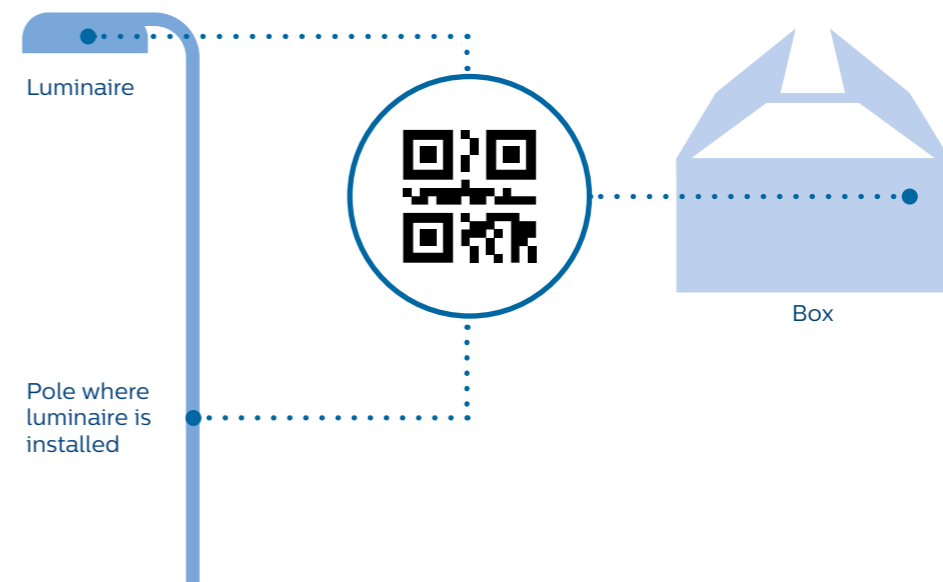


Digital maintenance

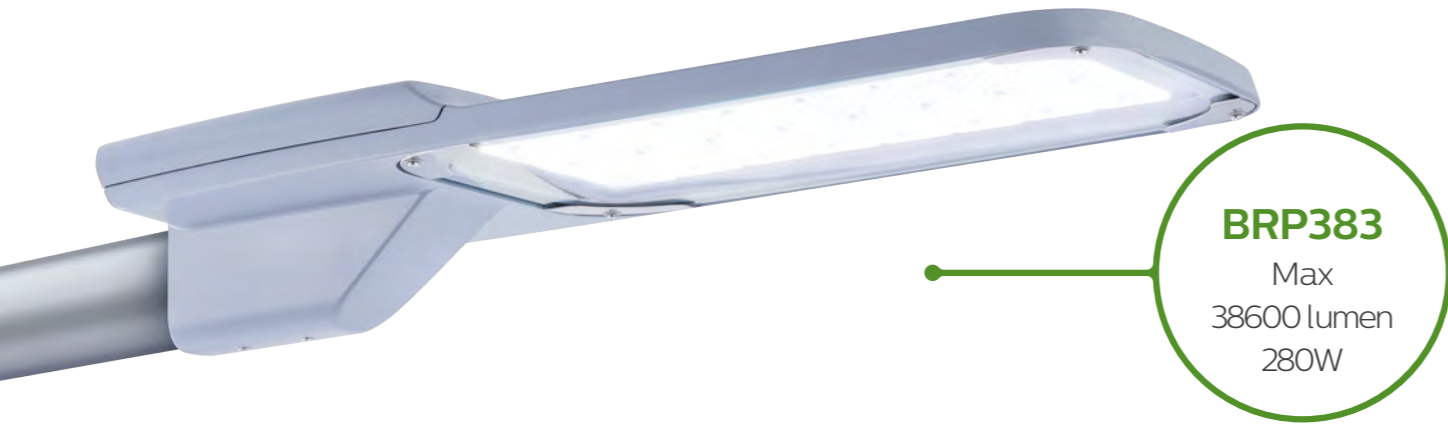
Enabling you to pre-program spare parts to factory settings

Instant access to procedures, spare part list and programming

This tag features a QR-based identification system that gives you instant access to critical information during unpacking, installation, diagnostics, fault reporting and programming. Simply scan the tag with a smartphone or tablet running the Service tag app, and the contents of the box plus installation information are described. The tag also activates the five-year warranty. To assist in diagnosing breakdowns, scanning the tag provides the troubleshooting guide applicable to the luminaire. Sourcing spare parts and 'one touch' programming of parts to original settings can also be done using the app. It's that simple.

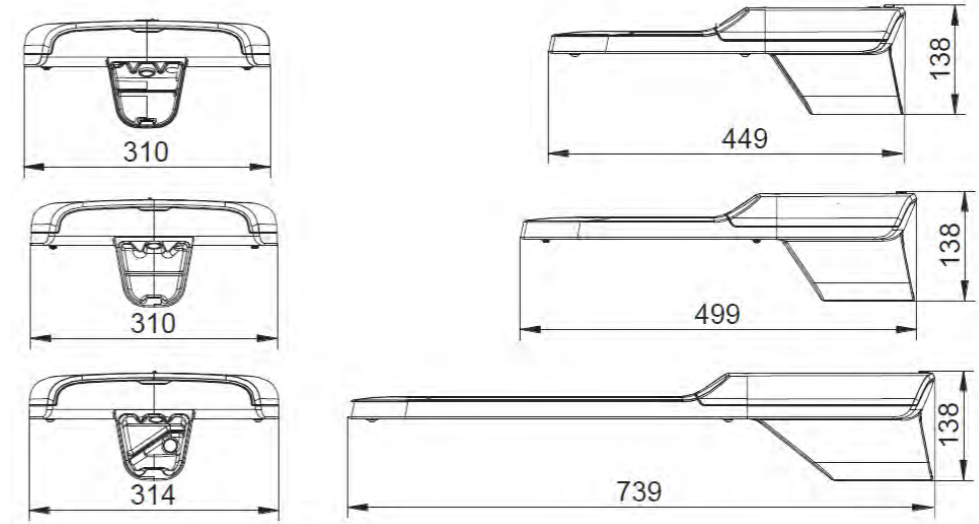


Future ready
and easily serviceable



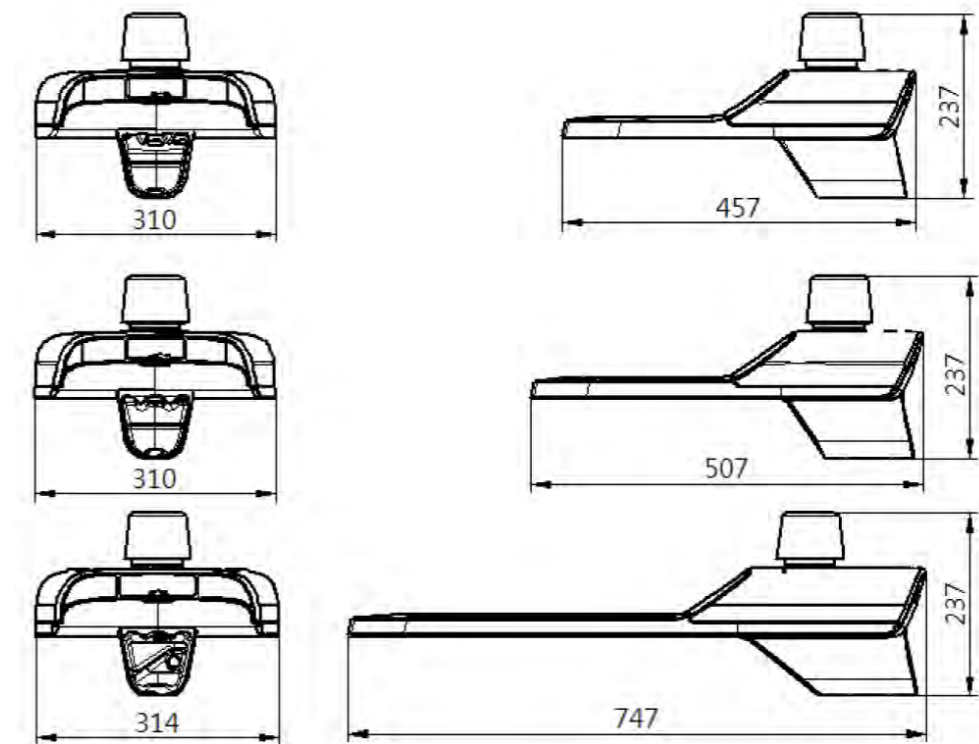
Dimensional detail

Standard Version



detail in mm

System Version



detail in mm

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

GreenVision Xceed Gen2 provides System ready luminaire options with universal sockets (SR or NEMA) on each luminaire, so all you have to do is click in controllers to activate new applications. That means you can install your luminaires today and mount controllers at a later date - without any hassle.



Future-proof upgrades

System ready luminaires can be paired with controllers now or later. A city solution that is completely flexible and scalable.



Plug and play

Designed for hassle-free installation, controllers can be mounted without opening the luminaire.



Standardized technology

Thanks to Zhaga standardization, you will have access to preferred technology, allowing you to make use of innovations from different suppliers.



Aesthetic design

The small, unobtrusive form factor can be mounted discreetly on luminaires.



Flexibility

The SR or NEMA socket can be mounted on the top of the luminaire, giving you the flexibility to choose from all sources of control applications.



Open innovation platform

Using this new System ready architecture gives you access to new innovations that could enhance your lighting even further in the future.

An open platform

Our System ready luminaires use state-of-the-art architectures and components. This ensures you'll always be ready for the latest innovations that will enable you to get more out of your lighting infrastructure.

Ready to be connected to Interact City

Interact City lighting management software turns your street lighting into a connected network capable of hosting sensors and other IoT-enabled devices. It allows you to tap into a wide range of lighting and non-lighting benefits such as dimming, presence detection, noise or air quality monitoring, and capturing incidents. Today, GreenVision Xceed Gen2 is already ready to be connected to the Interact City lighting management software by simply twisting a controller.


For more information about Interact City visit: www.interact-lighting.com/city



Take the next step

See how Philips GreenVision Xceed Gen2 can address your road lighting needs with Interact City. Contact your local Signify sales representative for more information or to schedule a personalized demonstration.

Specifications

Product features	Specifications
Type and Weight	3 sizes: Small (BRP381, 5.3kg), Medium (BRP382, 6kg), Large (BRP383, 10kg)
LED engine	Mid-power and High-power LED's platform options
Power	BRP383: 160W up to 280W BRP382: 120W up to 140W BRP381: 55W up to 105W
Luminous flux for 4000k (lm)	BRP383: • 23K to 38K Lumen BRP382: • 17K to 19K Lumen BRP381: • 7K to 14K Lumen
Luminaire efficacy	140 lm/W
IP	66
IK	08
CCT	4000K Standard, 3000K, 5700K on request (Lower CCT options also available)
Useful Life	L70 100k hrs @ 35C Ta
Operating Temperature Range	-40° to +50° C
Mains Voltage	220-240V/50-60Hz
Dimming	DynaDimmer DALI (STANDARD) Coded Mains CityTouch / Interact City AmpDimming EasyAir
Sockets	Top SR (OPTIONAL) Top 7 PIN NEMA (STANDARD)
Surge protection devices	15kV
Extra options	External Cable Customized Painted housing Marine Special Painting (1000hrs SST) - ANZ STANDARD
Optic	DWP, DWV Standard. (T4, DM,DM1, DW1, DW2, DW2m, DW2s, DWS, DME,DWE OPTIONAL)
Optical cover	Cover: Glass, themally hardened
Materials	Housing: High pressure die-cast aluminum (ADC1)
Color	Gray (RAL 7040); other upon request
Maintenance	Tool-less access for installation / Side Entry BRP381:Φ 34-60mm, BRP382/3:Φ42-60mm
System Support	 Cabinet-based group management  Interact Ready or Socket-based luminaires

Ordering guide

ANZ High-power LED's platform options

BRP381 LED23/NW 20W 220-240V DWP P7 HP	911401675106
BRP381 LED45/NW 35W 220-240V DWP P7 HP	911401675206
BRP381 LED56/NW 45W 220-240V DWE P7 HP	824110132171
BRP381 LED78/NW 60W 220-240V DWE P7 HP	824110132181
BRP381 LED78/NW 60W 220-240V DWP P7 HP	911401675306
BRP381 LED91/NW 70W 220-240V DWV P7 HP	824110138751
BRP381 LED111/NW 90W 220-240V DWE P7 HP	824110132161
BRP381 LED111/NW 90W 220-240V DWP P7 HP	911401675406
BRP381 LED132/NW 100W 220-240V DWP P7 HP	911401669606
BRP382 LED174/NW 130W 220-240V DWP P7 HP	911401669706
BRP383 LED199/NW 150W 220-240V DWV P7 HP	824110135211
BRP383 LED210/NW 160W 220-240V DWV P7 HP	911401675606
BRP383 LED220/NW 170W 220-240V DWV P7 HP	911401675706
BRP383 LED231/NW 180W 220-240V DWV P7 HP	911401675806
BRP383 LED262/NW 200W 220-240V DWV P7 HP	911401675906
BRP383 LED307/NW 240W 220-240V DWV P7 HP	824110138761
BRP383 LED332/NW 260W 220-240V DWV P7 HP	911401676006
BRP383 LED342/NW 270W 220-240V DWV P7 HP	911401669806
BRP382 LED154/NW 120W 220-240V T4 P7 HP	824110133991

More Options available





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