



Signify

**CitySoul LED gen2**  
**Bringing light and ambiance  
to your city**

 interact  
ready

 LEDgine

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2. Key benefits
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# Meet CitySoul LED gen2

CitySoul LED gen2 is one of the most versatile and inspirational urban street lighting families designed by Signify to date.

This highly efficient range delivers excellent lighting levels whilst also providing the right ambiance for all urban application areas, from the outskirts of the city right through to the city center.

By evolving the modularity of the CitySoul family and adding new innovations like the Lyre and the Accent bracket, Signify has made this range the ideal toolbox for every urban context.

The design is flatter, completely round, and the transitions with the spigot and bracket entirely flush, thereby giving your cityscape a coherent, elegant and discreet identity.

Designed around its LED engine, CitySoul LED gen2 is highly efficient and easy to maintain. It comes in two sizes and is suitable for side-entry, post-top, catenary and suspended mounting.

# Key benefits of CitySoul LED gen2



## Easy urban integration

The CitySoul LED gen2 family is a modular range in which luminaires, brackets and poles work together as a unified design concept. With flush transitions and clean lines, CitySoul LED gen2 is a discreet, elegant fit for any urban context.



## Ready for connectivity

The luminaire comes with one or two SR (system-ready) sockets, which makes the luminaire future ready. What this means is that CitySoul LED gen2 is ready to be paired with both standalone and advanced control and lighting software applications such as Interact City from Signify.



## Comfort and ambiance

CitySoul LED gen2 does more than producing the required lighting levels. Thanks to diffusing tool and several light recipes, CitySoul LED gen2 adds a sense of comfort to city lighting and enhances the nighttime ambiance.



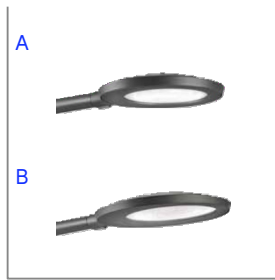
## Improved maintenance

Each CitySoul LED gen2 luminaire is uniquely identifiable, thanks to the Signify Service tag application. With a simple scan of a QR code, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts.

# CitySoul family overview

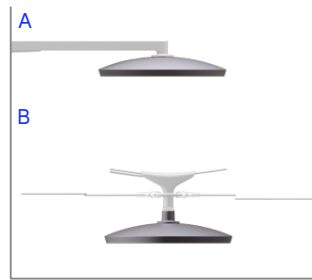
The discreet CitySoul LED gen2 is the most versatile urban street lighting family.

CitySoul LED gen2 offers three brackets (right curve, east, graphic), for different urban areas. An elegant lyre for more urban focused applications. An accent bracket that allows you to create the most elegant spiral configurations.



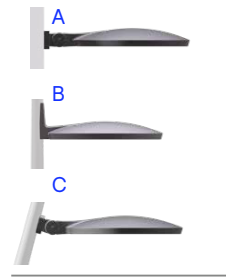
Two versions

- A** CitySoul LED gen2 Mini  
Has a smaller volume – a perfect match for lower heights.
- B** CitySoul LED gen2 Large  
Lets you benefit from its larger volume in applications with mounting heights of up to 12 meters.



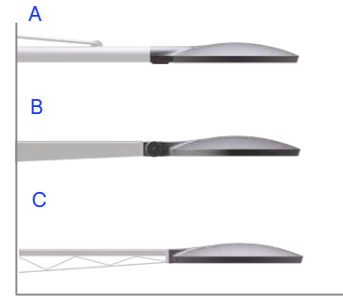
Suspended mountings

- A** Dedicated suspended mounting for  $\varnothing$  76 mm
- B** Catenary / Standard suspended mounting



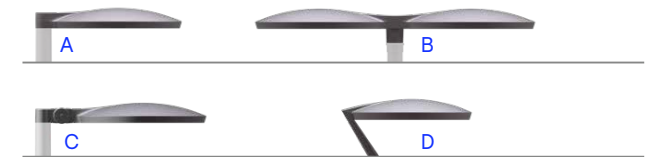
Direct mountings

- A** MBA wall mounting
- B** Accent
- C** MBA direct mounting



Side-entry mountings

- A** Standard side-entry mounting for  $\varnothing$  42–60 mm
- B** MBA side-entry mounting
- C** Dedicated side-entry mounting



Top mountings

- A** Post-top for  $\varnothing$  60–76 mm
- B** Double post-top for  $\varnothing$  60 mm
- C** MBA mounting for  $\varnothing$  60–76 mm
- D** Lyre for  $\varnothing$  60 mm

# CitySoul family overview



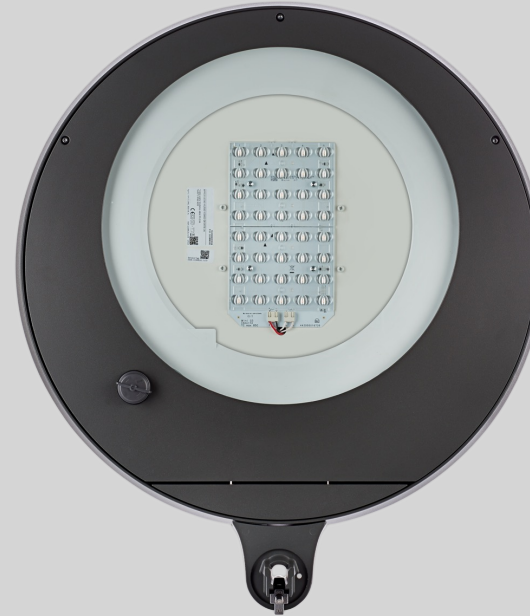
**CitySoul LED gen2 mini**  
**10/20 LED**

Warm White: LED19-LED50  
Neutral White: LED19-LED65



**CitySoul LED gen2 mini**  
**30/40 LED**

Warm White: LED60-LED100  
Neutral White: LED75-LED130



**CitySoul LED gen2 large**  
**40 LED**

Warm White: LED60-LED100  
Neutral White: LED55-LED115



**CitySoul LED gen2 large**  
**60/80 LED**

Warm White: LED110-LED200  
Neutral White: LED125-LED240

# Brackets



## Right Curve bracket

With its slender shapes and silhouettes, the Right Curve bracket has an attractive aerial feeling that will integrate perfectly into classical environments.



## Lyre bracket

Any location where ambience lighting is needed to create a pleasant, comfortable atmosphere is the ideal setting for the Lyre bracket, the Lyre dedicated pole and the CitySoul LED gen2 luminaire.



## East bracket

For modern areas and streets, the East bracket is a perfect fit. With its pure and lean shape, it gives neighborhoods a sophisticated and contemporary feel.



## UrbanWave bracket

A tubular curved shape that looks like a wave and will fit perfectly with CitySoul LED gen2 luminaires in contemporary urban settings.



## Graphic bracket

Designed to reference traditional architectural steel frame structures, the Graphic bracket and CitySoul LED gen2 luminaire offer a modernized look of a typically industrial form factor.

# Poles and brackets



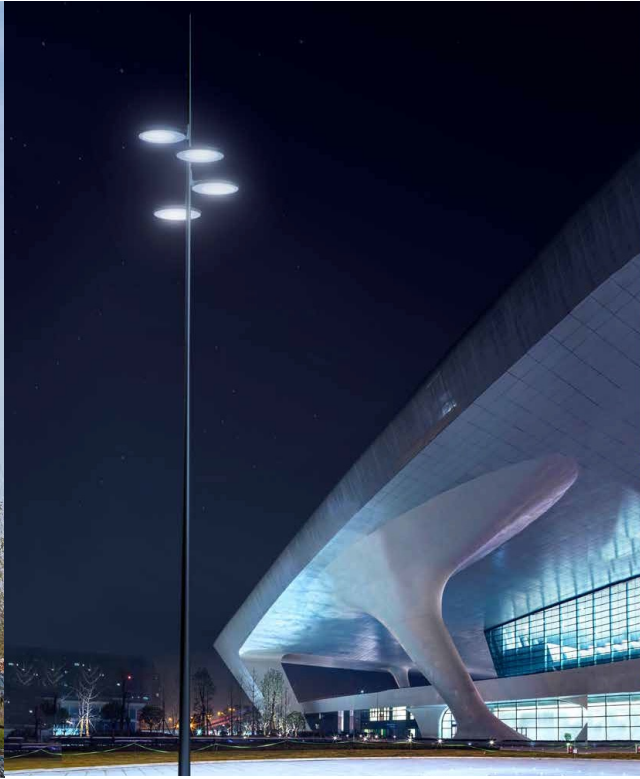
## Ocean curve pole

An elegant curved shape with an articulated interface dedicated to the luminaire and an optional LED top point to further highlight a major street's design signature.



## Double post-top

This compact and straightforward design is the perfect solution for urban contexts in which performance lighting is the primary requisite.



## Accent brackets and Ocean straight pole

A versatile and stylish solution that can feature up to 4 luminaires mounted in an attractive spiral configuration. The optional LED top point will highlight your environment's design signature at night.



## Catenary

The Catenary bracket allows the CitySoul gen2 LED luminaire to fit into streets and on path where decluttering is a necessity – like shopping districts and carfree zones.

# Application areas

CitySoul LED gen2 is part of our Urban Inspiration lighting portfolio. It incorporates all the necessary functional aspects of lighting whilst also having a strong focus on the emotional value of light.

In this way, it helps to create the right ambiance, enhance people's well-being, and make the city more livable. For every application we have several solutions that will inspire you and enhance your city, while also fulfilling all your specific requirements.



## City center

- Side street
- Square, park and playground
- Cycle path and footpath
- Shopping and pedestrian area

## Residential area

- Residential street
- Cycle path and footpath
- Square, park and playground
- Parking area

## Traffic route

- Boulevard and avenue
- Main urban/ access roads
- Roundabout



# Interact for smart lighting

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

## General benefits

- Open APIs for an easy integration in other city management systems
- No additional (DALI) control wires needed
- Quick to install and ready to use in a few clicks

## Sustainable

- Enable instant energy and cost savings
- Reduce CO<sub>2</sub> emission and material waste

## Smart

- Benefit from remote control and monitoring and reporting capabilities
- Explore the options to find further energy savings by dimming, time schedules and grouping light points
- Use data to make better informed decisions more quickly

## Safe

- Set the right conditions to ensure comfortable lighting and increased vision
- Get informed quickly to enable timely and cost-effective maintenance

[Discover Interact for area lighting](#)

This is all you need for your smart lighting system



CitySoul LED gen2  
with integrated sensor  
and 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

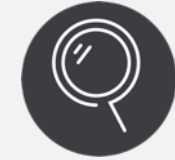
If you have multiple luminaires, it's possible to use the Service tag app to combine individual luminaires into a group. Each group will have its own unique group QR code.



## #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

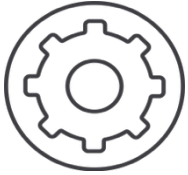
Quickly program a spare driver using the Service tag app—without needing a faulty driver on hand. Scan the QR code of a luminaire with your device, put your mobile device on the spare driver, press “Program” and the spare driver receives the right settings for this specific luminaire.



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

©ignify

©signify

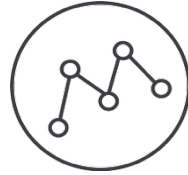


## Standardized optics

- A perfect application fit

**A wide range of light distributions ensure a perfect fit for many applications.**

The optics offer flexibility, enabling standardization over applications with a good performance across a wide range of geometries – as well as design parameters such as tilt and overhang. The optics comply with national and European road lighting standards.



## Standard engines

- High performance across portfolio

Using a standard engine across different luminaire ranges means you can optimally benefit from the latest LED upgrades without changing light distributions, so design continuity is assured. Standard flux packages are pre-defined across product ranges. Flux and thereby energy minimization is achieved by using best possible lumen maintenance (up to L98 or CLO solutions). The LEDgine optimized engine benefits from more LEDs per area contributing to more compact and cost effective solutions.

Standard engines minimize spare components which are easy to configure by using our Service tag application.



## Tailor-made solutions

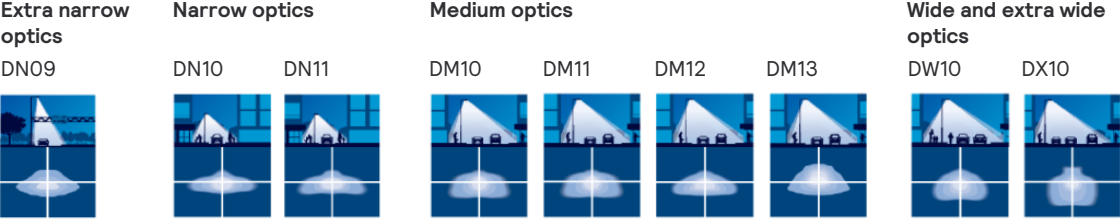
- Tuning to project preferences

We can support you with our exclusive online tools to customize solutions which of course can become your standard!

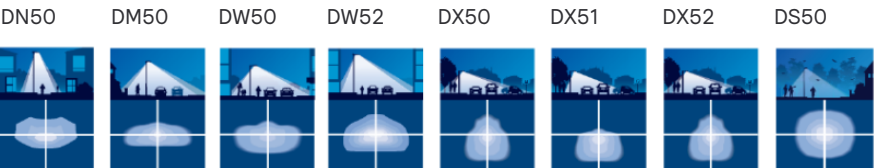
Using **a variety of LED counts it enables to build the exact required flux** in a perfect balance between energy consumption, luminaire cost/type and operational life. Based on project parameters the best optical fit can be selected and when required **light distributions can be customized for best application fit** and to maximize energy savings.

# Standardized optics for key applications

## Luminance classes (M)

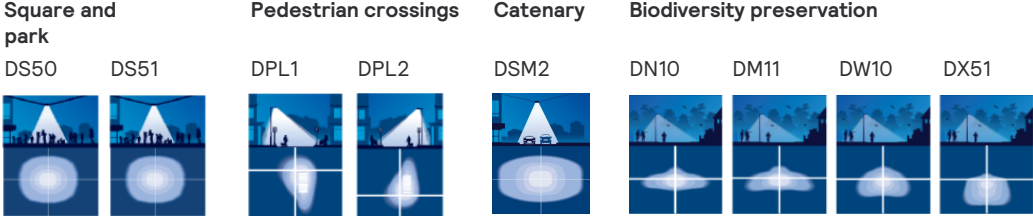


## Illuminance classes (P, C)

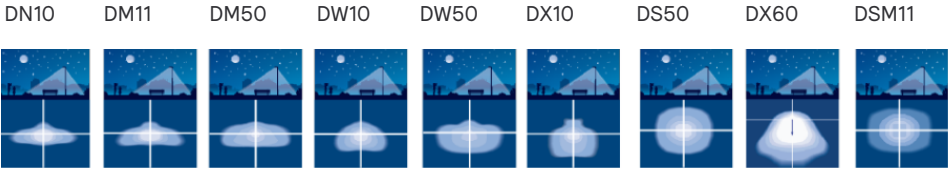


From narrow to wide geometries

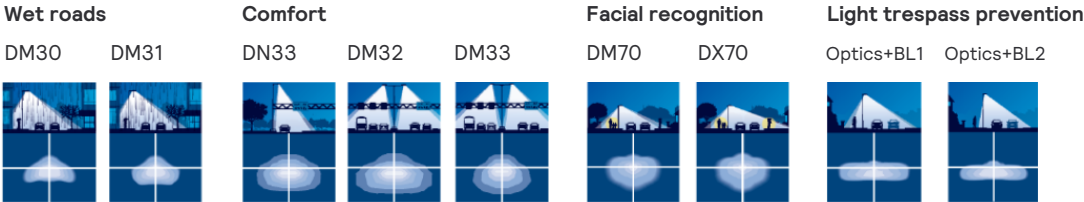
## Distributions for dedicated applications



### Night preservation

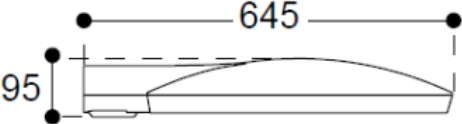


## Distributions for special user needs

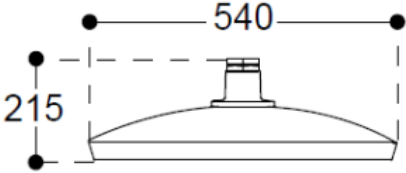


# Product specifications

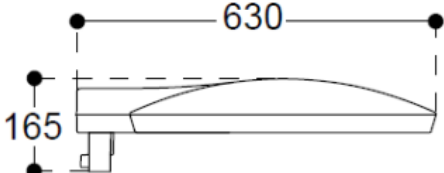
# Dimensions CitySoul LED gen2 mini



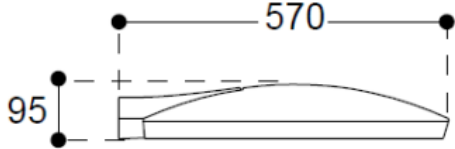
Side-entry  
BRP530



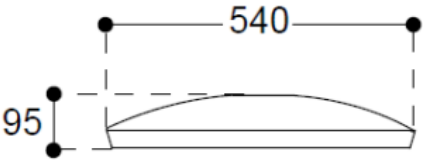
Catenary or suspended  
BSP530



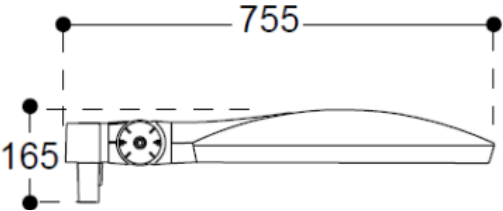
Post top  
BPP530



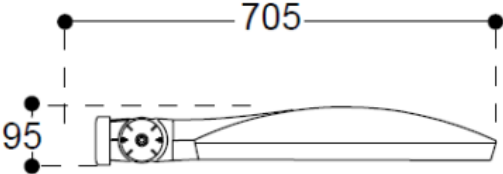
Post top  
BGP530  
(for East and Graphic brackets)



Post top  
BVP530  
(for Right Curve bracket)

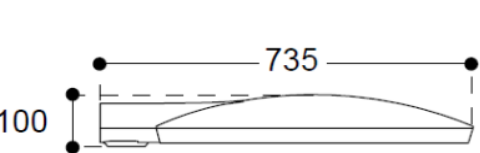


Post top  
BGP530  
(76A tiltable post top)

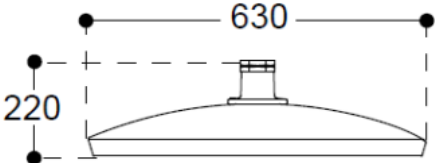


BGP530 MBA + SJ  
(for Curved)

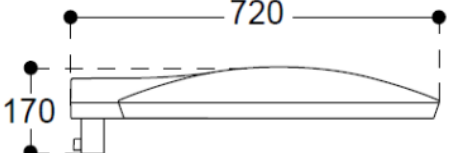
# Dimensions CitySoul LED gen2 large



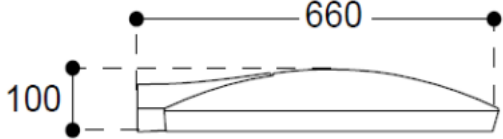
Side-entry  
BRP531



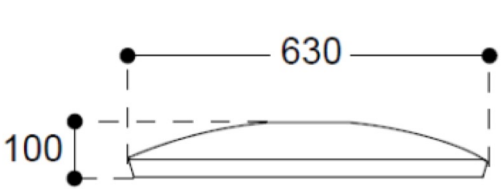
Catenary or suspended  
BSP531



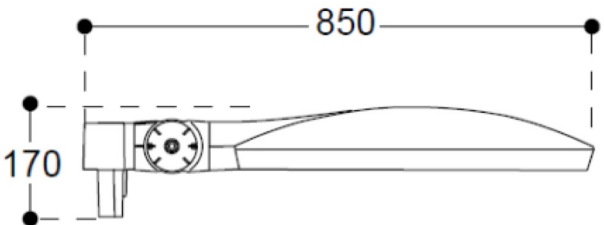
Post top  
BPP531



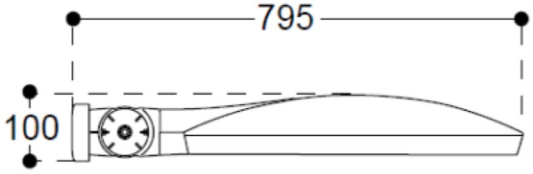
Post top  
BGP531  
(for East and Graphic brackets)



Post top  
BVP531  
(for Right Curve bracket)



Post top  
BGP531  
(76A tiltable post top)



BGP531 MBA + SJ  
(for Curved)

# Main specifications CitySoul LED gen2

Type	BPP530 (mini), BPP531 (large) post-top version BRP530 (mini), BRP531 (large) side-entry version BSP530 (mini), BSP531 (large) catenary or suspended version BVP530 (mini), BVP531 (large) for dedicated Right Curve bracket BGP530 (mini), BGP531 (large) for dedicated brackets and MBA version BPP532 (mini), version with Lyre bracket
Light source	Integral LED-module
Power	CitySoul LED gen2 mini: 10.4 W - 84W CitySoul LED gen2 large: 28W - 148W
Luminous flux (depending on LED configuration)	CitySoul LED gen2 mini: 741 - 11310 lm CitySoul LED gen2 large: 2052W - 20640 W or tailored flux
Luminaire efficacy	CitySoul LED gen2 mini: 44 - 181 lm / W CitySoul LED gen2 large: 48 - 186 lm/W
L-Tune	L-Tune available for all versions
Correlated color temperature	1800K, 2200K, 2700K, 3000K, 4000K, 5700K
Color rendering index	>70, >80
Light recipes	Clear Star
Lumen maintenance at median useful life*100,000 h	L95 - L98

Control gear failure rate at median useful life*100,000 h	10%
Performance Ambient Temperature Tq	+25°C
Operating temperature range	-40 to +50°C
Mains voltage	220 - 240 V / 50 - 60 Hz
Safety Class	I & II
Driver	Programmed LED drivers
Dimming	LineSwitch, DALI, mains dimming, Dynadimmer, coded mains
Connectivity Option	Interact City, outdoor multisensor
Connectors	Nema, Zhaga
Optics	LEDgine optimized optics: DN08, DN09, DN10, DN11, DN25, DN26, DN33, DN50, DM10, DM11, DM12, DM13, DM30, DM31, DM32, DM33, DM50, DM52, DM70, DW10, DW50, DW52, DW65, DX10, DX50, DX51, DX52, DX65, DX70, DS50, DS51, DPR-1, DPL-1, DSM2  Ledgine-P optics: DM11P, DM14P, DM15P, DM16P, DM20P, DM24P, DM30P, DM31P, DM32P, DM65P, DM70P, DN08P, DN09P, DN10P, DN11P, DN50P, DRM1P, DRM2P, DRN1P, DW30P, DW52P, DX50P, DX51P, DX70P

# Main specifications CitySoul LED gen2

Louvres	Dedicated louvres for backlight cut-off BL1, BL2
Installation	<p>BPP530 (mini), BPP531 (large): post-top mounting: Ø 60 – 76 mm</p> <p>BRP530 (mini), BPR531 (large): side-entry mounting: Ø 42 – 60 mm</p> <p>BSP530 (mini), BSP531 (large): catenary or suspended</p> <p>BPP532 (mini): dedicated lyre (bracket available, to be ordered seperately)</p> <p>BVP530 (mini, BVP531 suspended with dedicated Right Curve bracket</p> <p>Adjustable tilt angle: possible with BGP530/531 and specific MBA or 76PA spigot</p>
Mounting height	BPP530 (mini): 3.5 – 6 m; BPP531 (large): 6 – 9 m
Material	<p>Gasket: silicone rubber, heat resistant</p> <p>Optics: plastic (PMMA)</p> <p>Cover: glass, thermally hardened</p>
Color	<p>Housing: Ultra dark gray (close to RAL 7022, fine textured color)</p> <p>Frame: Satin silver grey (RAL 9006)</p> <p>Other RAL and AKZO Futura colors available on request</p>
IP rating	IP66
IK rating	IK08
Weight	Minimum 12.7 kg (mini), minimum 17.4 kg (large)

Max SCx	<p>Mini post-top/side-entry (BRP/BPP530): 0.011 m<sup>2</sup></p> <p>Mini + Lyre (BPP532 + JRP533): 0.061 m<sup>2</sup></p> <p>Double post-top + 2 pcs mini (JRP532 + BGP530): 0.027 m<sup>2</sup></p> <p>Mini + tiltable side-entry bracket (BGP530 + MBA SJ): 0.014 m<sup>2</sup></p> <p>Large post-top/side-entry (BRP/BPP531): 0.033 m<sup>2</sup></p> <p>Large + tiltable side-entry bracket (BGP531 + MBA SJ): 0.017 m<sup>2</sup></p>
Surge protection	6/8 kV (standard) – optional 10 kV
Maintenance	From below by opening the housing with 1 screw (Torx T20). The Service tag will help to identify the product and share all product information on the spot.
Cable options	<p>Suspended or catenary always pre-cabled (C2K, 1.65 m cable)</p> <p>Wall mounted optional C2K (1.65 m cable)</p> <p>All other configurations optional – for mini C6K (6 m cable), C10K (10 m cable), large C8K (8 m cable), C10K (10 m cable), C14K (14 m cable)</p>
Electrical connection	<p>Screw connection block</p> <p>Wieland push-in connector possible (optional)</p>
Accessories	<p>For mini: JRP533 (Lyre bracket), JRP534 (Accent spigot), JRP532 (Double post-top spigot), JGP530 (East bracket), JRP531 (Graphic bracket), JSP532 (Right curve bracket), YHB530 (Lyre dedicated pole)</p> <p>For large: JRP534 (Accent spigot), JRP32 (Double post-top spigot), JGP530 (East bracket), JRP531 (Graphic bracket), JSP532 (Right curve bracket)</p>
Warranty	5 years
Certification	RoHS, REACH, CE, ENEC, ENEC+, 005

# 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

Official Lighting Partner

 Signify



 **AMG**  
**PETRONAS**  
FORMULA ONE TEAM

**@signify**

the meaning of light