



# CitySoul LED gen2 - a versatile identity

## CitySoul gen2 LED Mini

CitySoul gen2 LED is one of the most versatile and inspirational urban street lighting families designed by Philips 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, Philips 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 gen2 LED is highly efficient and easy to maintain. It comes in two sizes and is suitable for side-entry, post-top, catenary and suspended mounting. Thanks to the built-in Philips Ledgine optimized LED platform, and the wide range of available application-tailored optics, CitySoul LED gen2 delivers the right amount of light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips 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. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, 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 LED gen2 can also be equipped with our dedicated light recipe that preserves a dark night sky.

# CitySoul gen2 LED Mini

## Benefits

- An integrated UrbanStyling lighting toolbox designed for many different urban applications
- Luminaires, brackets and poles are designed as one integrated concept to ensure coherence
- Future-proof thanks to excellent lighting performance and product quality
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

## Features

- A broad range of elegant, dedicated and complete sets, including poles and brackets, a tiltable option, double post-top and catenary versions
- Various features to deliver the most efficient and comfortable lighting level
- Compatible with all Philips' standard and advanced lighting controls
- Easy maintenance on-site
- Compatible with existing CitySoul pole and bracket range Flip, Morph, Jump, Sweep

## Application

- City centers
- Parks and plazas
- Roads and streets
- Commercial districts

## Specifications

<b>Type</b>	BPP530 (post top version) BRP530 (side entry version) BSP530 (catenary or suspended version) BVP530 (dedicated for Right Curve bracket) BGP530 (MBA CD; dedicated for Graphic and East bracket) BPP532 (dedicated for the lyre)	<b>Maintenance of lumen output - L80B10</b>	100,000 hours
<b>Light source</b>	Integral LED-module	<b>Operating temperature range</b>	-20 to +35 °C
<b>Power</b>	GreenLine (GRN): 14-86 W depending on configuration	<b>Driver</b>	Built-in (self ballasted LED-module)
<b>Luminous flux</b>	1550-8400 lm (3000 K) 1700-9500 lm (4000 K)	<b>Mains voltage</b>	210-240 V / 50-60 Hz
<b>Luminaire efficacy</b>	Up to 122 lm/W	<b>Inrush current</b>	65 A / 100 µs (40 W driver) 80 A / 150 µs (100 W driver)
<b>Correlated Color</b>	3000 K, warm white	<b>Dimming</b>	DynaDimmer LumiStep CLO
<b>Temperature</b>	4000 K, neutral white	<b>Controls system input</b>	DALI StarSense RF LightWave (GPRS)
<b>Color Rendering Index</b>	≥ 70, neutral white ≥ 80, warm white		

## Specifications

<b>Options</b>	Photocell: Minicell, 35, 55, 70 lux	<b>Material</b>	Housing: high-pressure die-cast aluminum, coated
<b>Optic</b>	Distribution medium (DM), wide (DW), wet road (DK), residential wide (DRW), symmetrical (S)		Gasket: silicone rubber, heat resistant
<b>Optical cover</b>	Hard glass, tempered Glass plate, frosted (optional) IK10 glass, tempered (optional)		Optics: plastic (PMMA) Cover: glass, thermally hardened

## CitySoul gen2 LED Mini

<b>Color</b>	Housing: Philips ultra-dark grey (close to RAL 7022, fine textured color) Frame: satin silver grey (close to RAL 9006) Other RAL and AKZO Futura colors available on request
<b>Connection</b>	Screw connection block Wieland push in connector possible (optional)
<b>Maintenance</b>	From below by opening the housing with 1 screws (Torx T20)
<b>Installation</b>	BPP530: post-top mounting: Ø 60-76 mm BRP530: side-entry mounting: Ø 42-60 mm BSP530: catenary or suspended mounting with dedicated bracket BPP532: dedicated lyre (bracket available, to be ordered separately) Recommended mounting height: up to 8 m Adjustable tilt angle: possible with specific MBA or 76PA mounting spigot Max SCx - BRP/BPP530: 0.011 m2 - BPP532 + JRP533: 0.061 m2 - 2 x BGP530 + JRP532: 0.027 m2 - BGP530 + MBA SJ (tiltable side-entry bracket): 0.014 m2

<b>Cable gland</b>	M20
<b>Accessories</b>	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)
<b>Remarks</b>	Lyre bracket version not available for CitySoul gen2 LED Large family (BPP531) Pre-cabled possible for: - Wall mounted / suspended or catenary (C2K, 1.65 m cable) - Other configurations (C6K, 6 m cable, C10K, 10 m cable)

## Versions



CitySoul gen2 Mini - LED module  
6000 lm - 830 warm white -  
Power supply unit with DALI  
interface - Safety class II -  
Distribution medium 50 - Clear  
glass - Gray - Philips standard  
surge protection level - - - Post-  
top for diameter 60 mm



CitySoul gen2 LYRE - LED module  
6000 lm - 830 warm white -  
Power supply unit with DALI  
interface - Safety class II -  
Distribution medium 50 - Clear  
glass - Gray - Luminaire surge  
protection level until 10 kV  
differential mode and 10 kV  
common mode - - -



CitySoul gen2 Mini - LED module  
6000 lm - 830 warm white -  
Power supply unit with DALI  
interface - Safety class II -  
Distribution medium 50 - Clear  
glass - Gray - Luminaire surge  
protection level until 10 kV  
differential mode and 10 kV  
common mode - - - Side-entry for  
diameter 60 mm



CitySoul LED gen2 mini BGP530  
with East Bracket JGP530 (bracket  
to be ordered separately)

# CitySoul gen2 LED Mini

## Application Conditions

Maximum dim level	10%
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## Approval and Application

Mech. impact protection code	IK08
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## Controls and Dimming

Dimmable	Yes
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## General Information

Luminaire light beam spread	-
CE mark	CE mark
Light source color	830 warm white
Driver included	Yes
Flammability mark	-
Lamp family code	LED60
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	30 pcs
Optic type	Distribution medium 50

## Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80

## Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0.03

## Mechanical and Housing

Color	Gray
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## Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	Philips standard surge protection level
912300024409	BPP530 LED60 II DM50 AL GR D9 SRG10 T35	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10ALGR	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

## General Information

Order Code	Full Product Name	Parts color	Optical cover/lens type	Product Family Code
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	-	Clear glass	BPP530
912300024409	BPP530 LED60 II DM50 AL GR D9 SRG10 T35	All parts colored	Flat glass	BPP530
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR	All parts colored	Flat glass	BPP532

Order Code	Full Product Name	Parts color	Optical cover/lens type	Product Family Code
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10ALGR	All parts colored	Flat glass	BRP530
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	Clear glass	BGP530

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	5100 lm
912300024409	BPP530 LED60 II DM50 AL GR D9 SRG10 T35	5100 lm
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR	4920 lm

Order Code	Full Product Name	Initial luminous flux
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10ALGR	5100 lm
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	5100 lm

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