



CitySoul LED gen2 large - a versatile identity

CitySoul gen2 LED Large

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 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. Thanks to the built in Philips Ledgene 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 Large

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

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 existing CitySoul pole and bracket range Flip, Morph, Jump, Sweep
- Large choice of different beams and internal louvers to ensure minimized glare
- Ready to be paired with controls, by being equipped with the SR (System Ready) socket
- Easy luminaire is uniquely identifiable thanks to the Philips Service tag

Application

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

Specifications

Type	BPP531 (post top version)
	BRP531 (side entry version)
	BSP531 (catenary or suspended version)
	BVP531 (dedicated for Right Curve bracket)
	BGP531 (MBA CD; dedicated for Graphic and East bracket)
Light source	Integral LED-module
Power	GreenLine (GRN): 38-138 W depending on configuration
Luminous flux (system)	4250-13,000 lm (3000 K)
	4600-14,800 lm (4000 K)
Luminaire efficacy (system)	Up to 110 lm/W
Correlated Color	3000 K, warm white
Temperature	4000 K, neutral white
Color Rendering Index	≥ 70, neutral white
	≥ 80, warm white

Maintenance of lumen output - L80B10	100,000 hours
Operating temperature range	-20 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	210-240 V / 50-60 Hz
Inrush current	80 A / 150 µs (75 W driver)
	108 A / 140 µs (150 W driver)
Dimming	DynaDimmer
	LumiStep
	CLO
Controls system input	DALI
	StarSense RF
	LightWave (GPRS)

Specifications

Options	Photocell: Minicell, 35, 55, 70 lux
Optic	Distribution medium (DM), wide (DW), wet road (DK), asymmetrical (A), symmetrical (S)
Optical cover	Hard glass, tempered
	Glass plate, frosted (optional)
	IK10 glass, tempered (optional)

Material	Housing: high-pressure die-cast aluminum, coated
	Gasket: silicone rubber, heat resistant
	Optics: plastic (PMMA)
	Cover: glass, thermally hardened
Color	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

CitySoul gen2 LED Large

Connection	Screw connection block
	Wieland push in connector possible (optional)
Maintenance	From below by opening the housing with 1 screws (Torx T20)
	Same screws to access the luminaire, driver and LED-board
Installation	BPP531: post-top mounting: Ø 60-76 mm
	BRP531: side-entry mounting: Ø 42-60 mm
	BSP531: catenary or suspended mounting with dedicated bracket
	Recommended mounting height: up to 14 m
	Adjustable tilt angle: possible with specific MBA or 76PA mounting spigot
	Max SCx
	- BRP/BPP531: 0. 014 m2
	- 2 x BGP531 + JRP532: 0.033 m2
	- BGP531 + MBA SJ (tiltable side-entry bracket): 0.017 m2

Cable gland	M20
Accessories	JRP533 (lyre bracket)
	JRP534 (accent spigot)
	JRP532 (double post top spigot)
	JGP530 (east bracket)
	JRP531 (graphic bracket)
	JSP532 (right curve bracket)
Remarks	YHB530 (lyre dedicated pole)
	Lyre bracket version only available for CitySoul gen2 LED Mini family (BPP532)
	Pre-cabled possible for:
	- Wall mounted / suspended or catenary (C2K, 1.65 m cable)
	- Other configurations (C8K, 8 m cable, C10K, 10 m cable, C14K, 14 m cable)

Versions



CitySoul gen2 Large - LED module
12000 lm - 830 warm white -
Power supply unit with DALI
interface - Safety class II -
Distribution medium 50 - Clear
glass - Gray - Philips standard
surge protection level - - - Side-
entry for diameter 60 mm



CitySoul gen2 Large - LED module
12000 lm - 830 warm white -
Power supply unit with DALI and
SystemReady interface - Safety
class II - Distribution medium 50 -
Clear glass - Gray - Philips
standard surge protection level - -
- Side-entry for diameter 60 mm

CitySoul gen2 LED Large

Application Conditions	
Maximum dim level	10%
Approval and Application	
Mech. impact protection code	IK08
General Information	
Luminaire light beam spread	-
CE mark	CE mark
Light source color	830 warm white
Optical cover/lens type	Clear glass
Driver included	Yes
Flammability mark	-
Lamp family code	LED120
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	60 pcs
Optic type	Distribution medium 50
Initial Performance (IEC Compliant)	
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial luminous flux	10080 lm
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0.03
Mechanical and Housing	
Color	Gray

Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024411	BRP531 LED120-4S/830 II DM50 D9 AL GR	Philips standard surge protection level
912300024412	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024413	BPP531 LED120-4S/830 II DM50 SRT IACZ-4-	Philips standard surge protection level

Controls and Dimming

Order Code	Full Product Name	Dimmable
912300024411	BRP531 LED120-4S/830 II DM50 D9 AL GR	Yes
912300024412	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	Yes

Order Code	Full Product Name	Dimmable
912300024413	BPP531 LED120-4S/830 II DM50 SRT IACZ-4-	Wireless Dim

General Information

Order Code	Full Product Name	Product Family Code
912300024411	BRP531 LED120-4S/830 II DM50 D9 AL GR	BRP531
912300024412	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	BRP531

Order Code	Full Product Name	Product Family Code
912300024413	BPP531 LED120-4S/830 II DM50 SRT IACZ-4-	BPP531

CitySoul gen2 LED Large

