



# CitySoul gen2 LED – 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 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.

### 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 all Philips' standard and advanced lighting controls
- Easy maintenance on-site
- Compatible with existing CitySoul pole and bracket range Flip, Morph, Jump, Sweep

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## Application

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

## Specifications

<b>Type</b>	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)
<b>Light source</b>	Integral LED-module
<b>Power</b>	GreenLine (GRN): 38-138 W depending on configuration
<b>Luminous flux (system)</b>	4250-13,000 lm (3000 K)
	4600-14,800 lm (4000 K)
<b>Luminaire efficacy (system)</b>	Up to 110 lm/W
<b>Correlated Color</b>	3000 K, warm white
<b>Temperature</b>	4000 K, neutral white
<b>Color Rendering Index</b>	≥ 70, neutral white
	≥ 80, warm white

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

## Specifications

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

<b>Installation</b>	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
<b>Max SCx</b>	- BRP/BPP531: 0.014 m <sup>2</sup>
	- 2 x BGP531 + JRP532: 0.033 m <sup>2</sup>
	- BGP531 + MBA SJ (tiltable side-entry bracket): 0.017 m <sup>2</sup>
<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 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)

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## Versions



## Product details



CitySoul gen2 side-entry version-  
top view



CitySoul gen2 with Right Curve  
bracket



CitySoul gen2 with East bracket-  
side view



CitySoul gen2 with East bracket-  
top view



CitySoul gen2 with East bracket-  
below view



CitySoul gen2 with Graphic  
bracket- side view

# CitySoul gen2 LED Large

## Product details



CitySoul gen2 with Graphic bracket- top view



CitySoul gen2 with Graphic bracket- below view



CitySoul gen2 with Right Curve bracket- side view



CitySoul gen2 with Right Curve bracket- top view



CitySoul gen2 with Right Curve bracket- below view



CitySoul gen2 with Accent spigot mounted on Ocean Straight pole



CitySoul gen2 with adjustable spigot on Ocean Curved pole



CitySoul gen2 post-top version- side view

# CitySoul gen2 LED Large

## Product details

CitySoul gen2 post-top version-  
top view



CitySoul gen2 double post-top  
version- side view



Spigot ensures flush transition  
between double post-top  
luminaire and mast



### Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

### General Information

Luminaire light beam spread	180°
CE mark	CE mark
Coating	-
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Distribution medium

### Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03

### Mechanical and Housing

Colour	Gray
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### Application Conditions

Order Code	Full Product Name	Maximum dim level
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	20%
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	20%
61352800	BPP531 GRN60-/830 II DM FG AL GR	Not applicable
61334400	BRP531 GRN145-/740 II DM FG CO GR 60S	Not applicable
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	20%
61342900	BRP531 GRN145-/740 I DM FG CO GR D9 T35	20%
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	10%
61350400	BRP531 GRN60-/830 II DM FG AL GR T35 60S	Not applicable
61367200	BRP531 GRN95-/740 I DM FG CO GR CLO T35	Not applicable

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## Controls and Dimming

Order Code	Full Product Name	Dimmable
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	Yes
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	Yes
61352800	BPP531 GRN60-/830 II DM FG AL GR	No
61334400	BRP531 GRN145-/740 II DM FG CO GR 60S	No
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	Yes

Order Code	Full Product Name	Dimmable
61342900	BRP531 GRN145-/740 I DM FG CO GR D9 T35	Yes
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	Yes
61350400	BRP531 GRN60-/830 II DM FG AL GR T35 60S	No
61367200	BRP531 GRN95-/740 I DM FG CO GR CLO T35	No

## General Information (1/2)

Order Code	Full Product Name	Parts colour	Light		Lamp family code
			source colour	Glow-wire test	
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	Cover painted	740 neutral white	650/30	GRN85
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	Cover painted	740 neutral white	650/30	GRN125
61352800	BPP531 GRN60-/830 II DM FG AL GR	All parts colored	830 warm white	650/30	GRN60
61334400	BRP531 GRN145-/740 II DM FG CO GR 60S	Cover painted	740 neutral white	650/30	GRN145
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	Cover painted	740 neutral white	650/30	GRN106

Order Code	Full Product Name	Parts colour	Light		Lamp family code
			source colour	Glow-wire test	
61342900	BRP531 GRN145-/740 I DM FG CO GR D9 T35	Cover painted	740 neutral white	650/30	GRN145
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	Cover painted	740 neutral white	650/30	GRN185
61350400	BRP531 GRN60-/830 II DM FG AL GR T35 60S	All parts colored	830 warm white	650/30	GRN60
61367200	BRP531 GRN95-/740 I DM FG CO GR CLO T35	Cover painted	740 neutral white	-	GRN95

## General Information (2/2)

Order Code	Full Product Name	Number of light sources	Product Family Code
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	40	BPP531
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	64	BPP531
61352800	BPP531 GRN60-/830 II DM FG AL GR	40	BPP531
61334400	BRP531 GRN145-/740 II DM FG CO GR 60S	64	BRP531
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	64	BRP531

Order Code	Full Product Name	Number of light sources	Product Family Code
61342900	BRP531 GRN145-/740 I DM FG CO GR D9 T35	64	BRP531
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	64	BRP531
61350400	BRP531 GRN60-/830 II DM FG AL GR T35 60S	40	BRP531
61367200	BRP531 GRN95-/740 I DM FG CO GR CLO T35	1	BRP531

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	4000 K	>70	7057 lm
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	4000 K	>70	10292 lm
61352800	BPP531 GRN60-/830 II DM FG AL GR	3000 K	>80	4942 lm
61334400	BRP531 GRN145-/740 II DM FG CO GR 60S	4000 K	>70	11882 lm
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	4000 K	>70	10697 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
61342900	BRP531 GRN145-/740 I DM FG CO GR D9 T35	4000 K	>70	11882 lm
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	4000 K	>70	14995 lm
61350400	BRP531 GRN60-/830 II DM FG AL GR T35 60S	3000 K	>80	4942 lm
61367200	BRP531 GRN95-/740 I DM FG CO GR CLO T35	4000 K	>70	7863 lm

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