



# 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

### Features

### Application

### 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

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<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)

## Versions



CitySoul gen2 large BPP531  
pedestrian luminaire, pole  
mounted version



## Product details



OPDP\_BGP530i\_0015-Detail  
photo



# CitySoul gen2 LED Large

## Product details



OPDP\_BGP530i\_0025-Detail  
photo



OPDP\_BGP530i\_0029-Detail  
photo



# CitySoul gen2 LED Large

## Product details



OPDP\_BGP530i\_0013-Detail  
photo



# CitySoul gen2 LED Large

## Approval and Application

Mech. impact protection code	IK08
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## General Information

CE mark	CE mark
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit

## Light Technical

Upward light output ratio	0.03
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## Mechanical and Housing

Colour	Grey
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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%
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	20%
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	10%
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	10%
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	10%
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	10%

## Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Surge Protection (Common/Differential)
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	Philips standard surge protection level kV
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	Surge protection level until 10 kV
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	Philips standard surge protection level kV

## 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
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	Yes
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	Yes

Order Code	Full Product Name	Dimmable
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	Yes
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	Yes
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	-

## General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Parts colour	Coating	Light source colour
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	180°	Cover painted	-	740 neutral white
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	180°	Cover painted	-	740 neutral white
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	180°	Cover painted	-	740 neutral white
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	180°	Cover painted	-	740 neutral white

Order Code	Full Product Name	Luminaire light beam spread	Parts colour	Coating	Light source colour
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	-	-	-	830 warm white
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	-	-	-	830 warm white
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	-	-	-	830 warm white

## General Information (2/2)

## CitySoul gen2 LED Large

Order Code	Full Product Name	Optical cover/lens		Lamp family code	Number of light sources	Optic type	Product Family Code
		type	Glow-wire test				
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	FG	Temperature 650 °C, duration 30 s	GRN85	40	Distribution medium	BPP531
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	FG	Temperature 650 °C, duration 30 s	GRN125	64	Distribution medium	BPP531
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	FG	Temperature 650 °C, duration 30 s	GRN106	64	Distribution medium	BRP531
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	FG	Temperature 650 °C, duration 30 s	GRN185	64	Distribution medium	BRP531
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	GC	-	LED120	60	Distribution medium 50	BRP531
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	GC	-	LED120	60	Distribution medium 50	BRP531
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	GC	-	LED120	60	Distribution medium 50	BPP531

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	Initial
			Rendering Index	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
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	4000 K	>70	10697 lm
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	4000 K	>70	14995 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	Initial
			Rendering Index	luminous flux
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	3000 K	≥80	10080 lm
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	3000 K	≥80	10080 lm
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	3000 K	≥80	10080 lm

### Light Technical

Order Code	Full Product Name	Standard tilt	
		angle side entry	Standard tilt angle posttop
61330600	BPP531 GRN85-/740 I DM FG CO GR D9	0°	0°
61346700	BPP531 GRN125-/740 I DM FG CO GR D9	0°	0°
61340500	BRP531 GRN106-/740 I DM FG CO GR D9 60S	0°	0°
61344300	BRP531 GRN185-/740 I DM FG CO GR D9 60S	0°	0°

Order Code	Full Product Name	Standard tilt	
		angle side entry	Standard tilt angle posttop
87868900	BRP531 LED120-4S/830 II DM50 D9 AL GR	-	-
87869600	BRP531 LED120-4S/830 II DM50 D9 SRG10 AL	-	-
87870200	BPP531 LED120-4S/830 II DM D9 SRT CTG-O	-	-

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