



# CitySoul gen2 LED Large

**BPP531 GRN85-/740 I DM FG CO GR D9**

CitySoul gen2 Large - LED GreenLine 8500 lm - Distribution medium - Flat glass

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.

## Product data

General Information		Embedded control	No [-]
Number of light sources	40 [ 40 pcs]	Control interface	DALI
Lamp family code	GRN85 [ LED GreenLine 8500 lm]	Light regulation	Dimming via external communication DALI
Light source colour	740 neutral white	Electrical circuit protection	-
Light source replaceable	Yes	Connection	-
Number of gear units	1 unit	Cable	-
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Protection class IEC	Safety class I
Driver included	Yes	Parts colour	Cover painted
Optical cover/lens type	FG [ Flat glass]	Coating	-
Luminaire light beam spread	180°	Glow-wire test	Temperature 650 °C, duration 30 s

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Flammability mark	NO [ - ]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Distribution medium
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Spare parts available	Yes
Number of products on MCB	13
Photobiological risk	Risk group 1
EU RoHS compliant	Yes
WEEE mark	-
LED engine type	LED
Product Family Code	BPP531 [ CitySoul gen2 Large ]

## Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

## Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	1-10 V DC
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.8

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Aluminium
Mounting device	60/76 [ Spigot for diameter 60-76 mm ]
Optical cover/lens shape	Convex lens

Optical cover/lens finish	Mask (anti-glare)
Overall length	720 mm
Overall width	628 mm
Overall height	99 mm
Effective projected area	0.028 m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	99 x 628 x 720 mm (3.9 x 24.7 x 28.3 in)

## Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof ]
Mech. impact protection code	IK08 [ 5 J vandal-protected ]
Surge protection (common/differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

## Initial Performance (IEC Compliant)

Initial luminous flux	7057 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	124 lm/W
Init. Corr. Colour Temperature	4000 K
Init. colour rendering index	>70
Initial chromaticity	(0.38,0.37) SDCM<5
Initial input power	57 W
Power consumption tolerance	+/-10%

## Application Conditions

Ambient temperature range	-40 to +50 °C
Maximum dimming level	20%

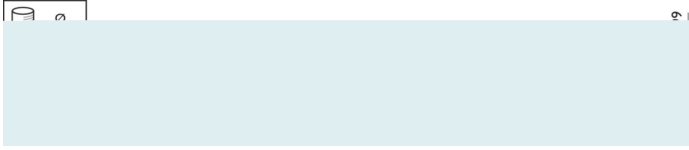
## Product Data

Full product code	871869661330600
Order product name	BPP531 GRN85-/740 I DM FG CO GR D9
EAN/UPC – product	8718696613306
Order code	61330600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910505016870
Net weight (piece)	18.000 kg



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## Dimensional drawing



CitySoul gen2 BGP/BPP/BRP/BSP/BVP530/531

