



# CitySoul gen2 LED Large

**BRP531 GRN95-/740 I DM FG CO GR CLO T35**

CitySoul gen2 Large - LED GreenLine 9500 lm - Distribution medium - Flat glass - Constant light output

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	
Number of light sources	1 [ 1 pc]
Lamp family code	GRN95 [ LED GreenLine 9500 lm]
Light source colour	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSR-CLO [ Power supply unit regulating with constant light output]
Driver included	Yes
Optical cover/lens type	FG [ Flat glass]

Luminaire light beam spread	180°
Embedded control	CLO [ Constant light output]
Control interface	-
Light regulation	-
Electrical circuit protection	-
Connection	No [ -]
Cable	-
Protection class IEC	Safety class I (I)
Parts colour	Cover painted
Coating	-

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Flammability mark	NO [ - ]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	Yes
Number of products on MCB (16 A type B)	13
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BRP531 [ 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
Initial CLO power consumption	51.2 W
Average CLO power consumption	57.6 W
End CLO power consumption	64 W
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.8

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Aluminium
Mounting device	60S [ Side-entry for diameter 60 mm]
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Mask (anti-glare)

Torque	20
Overall length	735 mm
Overall width	628 mm
Overall height	106 mm
Effective projected area	0.029 m²
Colour	Gray
Dimensions (height x width x depth)	106 x 628 x 735 mm (4.2 x 24.7 x 28.9 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	7863 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	123 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.38,0.37) SDCM<5
Initial input power	64 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

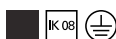
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L92

## Application Conditions

Ambient temperature range	-40 to +50 °C
Maximum dimming level	Not applicable

## Product Data

Full product code	871869661367200
Order product name	BRP531 GRN95-/740 I DM FG CO GR CLO T35
EAN/UPC – product	8718696613672
Order code	61367200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910505016909
SAP net weight (piece)	18.000 kg



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## Dimensional drawing



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

