



# 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		Lighting Technology	
Lamp family code	GRN95 [LED GreenLine 9500 lm]	Value ladder	Performance
Light source replaceable	Yes	Embedded control	Constant light output
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Flammability mark	-
Light source engine type	LED	ENEC mark	ENEC mark
Product family code	BRP531 [CitySoul gen2 Large]	EU RoHS compliant	Yes

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<b>Light Technical</b>	
Upward light output ratio	0.03
Luminous Flux	7,863 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	>70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution medium

<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
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 Consumption	64 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type B	13

<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C

<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Control interface	-
Constant light output	Yes

<b>Mechanical and Housing</b>	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 60 mm
Optical cover shape	Convex lens

Optical cover finish	Mask (anti-glare)
Overall length	735 mm
Overall width	628 mm
Overall height	106 mm
Effective projected area	0.029 m²
Dimensions (Height x Width x Depth)	106 x 628 x 735 mm
Parts color	Cover painted

<b>Approval and Application</b>	
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 until 6 kV differential mode and 8 kV common mode
Protection class IEC	Safety class I

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.37) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	0.15 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L92

<b>Application Conditions</b>	
Maximum dim level	Not applicable

<b>Product Data</b>	
Order product name	BRP531 GRN95-/740 I DM FG CO GR CLO T35
Full product name	BRP531 GRN95-/740 I DM FG CO GR CLO T35
Full product code	871869661367200
Order code	61367200
Material Nr. (12NC)	910505016909
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696613672
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696613672

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## Dimensional drawing

