

CitySoul gen2 LED Large

BRP531 GRN75-/740 I DM FG CO GR CLO T35

CitySoul gen2 Large, LED GreenLine 7500 lm, Distribution medium, Flat glass, Constant light output

CitySoul LED gen2 is one of the most versatile and inspirational LED urban street lighting families designed by Philips to date. This highly efficient range delivers excellent lighting levels whilst also providing the right ambience for every urban application, from the suburbs to the city center. This modular city lighting family has evolved with new innovations such as the Lyre and the Accent bracket, making it the ideal toolbox for every urban context. To give your cityscape a coherent, elegant and discreet identity, the design is flatter, completely round, and the transitions with the spigot and bracket entirely flush. It also comes in two sizes and is suitable for side-entry, post-top, catenary and suspended mounting. CitySoul LED gen2 is highly efficient and easy to maintain. Thanks to the built in Philips LEDGINE-O engine, and the wide range of application-tailored optics, this urban lighting solution delivers the right amount of light and in the right direction on your street, enabling further energy savings. The luminaires can even be equipped with our dedicated light recipe that preserves dark skies. CitySoul LED gen2 is also future ready with a choice of one or two Philips System Ready (SR) sockets that enable the luminaire to be paired with both standalone and advanced control and lighting software applications such as Interact from Signify. In addition, every CitySoul LED gen2 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

Product data

CitySoul gen2 LED Large

General Information	
Lamp family code	GRN75 [LED GreenLine 7500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BRP531 [CitySoul gen2 Large]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	0.03
Luminous Flux	6,235 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	126 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

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	39.6 W
Average CLO power consumption	44.55 W
End CLO power consumption	49.5 W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	49.5 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type B	13

Temperature	
Ambient temperature range	-40 to +50 °C

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

Mechanical and Housing	
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

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 until 6 kV differential mode and 8 kV common mode
Protection class IEC	Safety class I

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

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.15 %

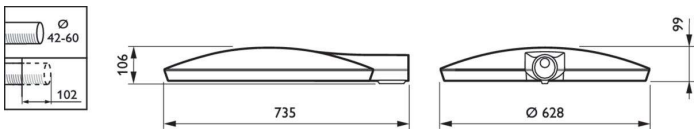
Application Conditions	
Maximum dim level	Not applicable

Product Data	
Order product name	BRP531 GRN75-/740 I DM FG CO GR CLO T35
Full product name	BRP531 GRN75-/740 I DM FG CO GR CLO T35
Full product code	871869661366500
Order code	910505016908
Material Nr. (12NC)	910505016908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696613665
Numerator - Packs per outer box	1

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EAN/UPC - Case	8718696613665

Dimensional drawing



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