



CitySoul gen2 LED Large

BRP531 GRN145-/740 I DM FG CO GR CLO T35

CitySoul gen2 Large, LED GreenLine 14500 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

Datasheet, 2023, December 5 data subject to change

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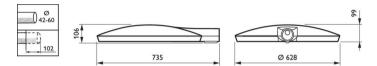
General Information		Driver/power unit/transformer	Power supply unit regulating with constant
Lamp family code	GRN145 [LED GreenLine 14500 lm]		light output
Light source replaceable	Yes	Control interface	-
Number of gear units	1 unit	Constant light output	Yes
Driver included	Yes		
Remarks	* At extreme ambient temperatures the	Mechanical and Housing	
	luminaire might automatically dim down to	Housing Material	Aluminum
	protect components	Reflector material	-
Light source engine type	LED	Optic material	Polymethyl methacrylate
Product family code	BRP531 [CitySoul gen2 Large]	Optical cover material	Polymethyl methacrylate
Lighting Technology	LED	Fixation material	Aluminum
Value ladder	Performance	Housing Color	Grey
Embedded control	Constant light output	Mounting device	Side-entry for diameter 60 mm
CE mark	Yes	Optical cover shape	Convex lens
Warranty period	5 years	Optical cover finish	Mask (anti-glare)
Flammability mark	-	Overall length	735 mm
ENEC mark	ENEC mark	Overall width	628 mm
EU RoHS compliant	Yes	Overall height	106 mm
		Effective projected area	0.029 m²
Light Technical		Dimensions (Height x Width x Depth)	106 x 628 x 735 mm
Upward light output ratio	0.03	Parts color	Cover painted
Luminous Flux	11,882 lm		
Standard tilt angle posttop	0°	Approval and Application	
Standard tilt angle side entry	0°	Ingress protection code	IP66 [Dust penetration-protected, jet-proo
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK08 [5 J vandal-protected]
Luminous Efficacy (rated) (Nom)	122 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Color rendering index (CRI)	>70		differential mode and 8 kV common mode
Number of light sources	1	Protection class IEC	Safety class I
Light source color	740 neutral white		
Optical cover type	Flat glass	Initial Performance (IEC Compliant)	
Luminaire light beam spread	180°	Luminous flux tolerance	+/-10%
Optic type outdoor	Distribution medium	Initial chromaticity	(0.38,0.37) SDCM<5
-		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V	-	
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compli	iant)
Initial CLO power consumption	77.6 W	Driver failure rate at 5000 h	0.15 %
Average CLO power consumption	87.3 W		
End CLO power consumption	97 W	Application Conditions	
Inrush current	53 A	Maximum dim level	Not applicable
Inrush time	0.3 ms		
Power Consumption	97 W	Product Data	
Power Factor (Fraction)	0.8	Order product name	BRP531 GRN145-/740 I DM FG CO GR CLO
Connection	-		T35
Cable		Full product name	BRP531 GRN145-/740 I DM FG CO GR CLO
Number of products on MCB of 16 A type	B 11		T35
		Full product code	871869661375700
Temperature	-	Order code	910505016917
Ambient temperature range	-40 to +50 °C	Material Nr. (12NC)	910505016917
		Numerator - Quantity Per Pack	1
Controls and Dimming		EAN/UPC - Product/Case	8718696613757
Dimmable	No	Numerator - Packs per outer box	1
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EAN/UPC - Case

8718696613757

Dimensional drawing





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