PHILIPS Lighting



CitySoul gen2 LED Large

BPP531 GRN106-/740 I DM FG CO GR D9 T35

CitySoul gen2 Large, LED GreenLine 10600 lm, Distribution medium, Flat glass

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	GRN106 [LED GreenLine 10600 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	BPP531 [CitySoul gen2 Large]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	10,697 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K

ENEC mark	ENEC mark	Dimensions (Height x W
Glow-wire test	Temperature 650 °C, duration 30 s	Parts color
EU RoHS compliant	Yes	
		Approval and Applic
Light Technical		Ingress protection code
Upward light output ratio	0.03	Mech. impact protection
Luminous Flux	10,697 lm	Surge Protection (Comm
Standard tilt angle posttop	O°	
Standard tilt angle side entry	O°	Protection class IEC
Correlated Color Temperature (Nom)	4000 K	Photobiological risk
Luminous Efficacy (rated) (Nom)	157 lm/W	
Color rendering index (CRI)	>70	
Number of light sources	64	Initial Performance (
Light source color	740 neutral white	Luminous flux tolerance
Optical cover type	Flat glass	Initial chromaticity
Luminaire light beam spread	180°	Power consumption tole
Optic type outdoor	Distribution medium	Init. Color Rendering Inc

Operating	and	Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	68 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type B 11	

Temperature

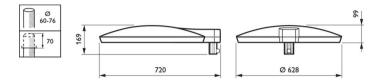
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI

-40 to +50 °C

Constant light output	No
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	Spigot for diameter 60 to 76 mm
Optical cover shape	Convex lens
Optical cover finish	Mask (anti-glare)
Overall length	720 mm
Overall width	628 mm
Overall height	99 mm
Effective projected area	0.028 m ²
	99 x 628 x 720 mm
Dimensions (Height x Width x Depth) Parts color	
Parts color	Cover painted
Approval and Application	
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
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Luminous flux tolerance	(0.38,0.37) SDCM<5
Luminous flux tolerance	· · · · · · · · · · · · · · · · · · ·
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Luminous flux tolerance Initial chromaticity Power consumption tolerance	(0.38,0.37) SDCM<5 +/-10%
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Luminous flux tolerance Initial chromaticity Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Compli Driver failure rate at 5000 h	(0.38,0.37) SDCM<5 +/-10% +/-2 ant)
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Luminous flux tolerance Initial chromaticity Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Compli Driver failure rate at 5000 h Application Conditions Maximum dim level Product Data	(0.38,0.37) SDCM<5 +/-10% +/-2 ant) 0.15 %
Luminous flux tolerance Initial chromaticity Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Compli Driver failure rate at 5000 h Application Conditions Maximum dim level	(0.38,0.37) SDCM<5 +/-10% +/-2 ant) 0.15 % 20% BPP531 GRN106-/740 I DM FG CO GR D9
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Dimensional drawing





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