



# CitySoul gen2 LED Mini

**BRP530 GRN50-/830 II DW FG CO GR MSP CLO**

CitySoul gen2 Mini, LED GreenLine 5000 lm, Distribution wide, Flat glass, Marine salt protected coating, 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 all urban applications, 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 programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

## Product data

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<b>General Information</b>	
Lamp family code	GRN50 [LED GreenLine 5000 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	BRP530 [CitySoul gen2 Mini]
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
<b>Light Technical</b>	
Upward light output ratio	0.03
Luminous Flux	4,197 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution wide
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	27.2 W
Average CLO power consumption	30.6 W
End CLO power consumption	34 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	34 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type B 9	
<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 48 to 60 mm
Optical cover shape	Convex lens
Optical cover finish	Mask (anti-glare)
Overall length	644 mm
Overall width	538 mm
Overall height	101 mm
Effective projected area	0.025 m²
Dimensions (Height x Width x Depth)	101 x 538 x 644 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 II
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43,0.40) 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 %
<b>Application Conditions</b>	
Maximum dim level	Not applicable
<b>Product Data</b>	
Order product name	BRP530 GRN50-/830 II DW FG CO GR MSP CLO
Full product name	BRP530 GRN50-/830 II DW FG CO GR MSP CLO
Full product code	871869661431000
Order code	910505016973
Material Nr. (12NC)	910505016973
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696614310
Numerator - Packs per outer box	1

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EAN/UPC - Case	8718696614310
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Dimensional drawing

