



# CitySoul gen2 LED Mini

### BRP530 GRN60-/830 II DW FG CO GR MSP CLO

CitySoul gen2 Mini, LED GreenLine 6000 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 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

## CitySoul gen2 LED Mini

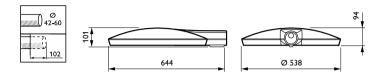
General Information	
Lamp family code	GRN60 [LED GreenLine 6000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	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
LO NOTIS COMPILATE	Tes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	5,008 lm
	0°
Standard tilt angle posttop	0°
Standard tilt angle side entry	
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	34 W
Average CLO power consumption	38.25 W
End CLO power consumption	42.5 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	42.5 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type	<b>B</b> 9
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
	5

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 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	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IKO8 [5 J vandal-protected]	
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	
Surge Protection (Common, Dimerential)	differential mode and 8 kV common mode	
Protection class IEC	Safety class II	
Trottetion class IEC	Surety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43,0.40) SDCM<5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
	7 -	
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	BRP530 GRN60-/830 II DW FG CO GR MSP	
	CLO	
Full product name	BRP530 GRN60-/830 II DW FG CO GR MSP	
	CLO	
Full product code	871869661432700	
Order code	910505016974	
Material Nr. (12NC)	910505016974	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case		
	8718696614327	
Numerator - Packs per outer box	8718696614327 1	

EAN/UPC - Case

8718696614327

#### Dimensional drawing





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