



CitySoul gen2 LED Mini

BRP530 GRN80-/830 II DW FG CO GR MSP CLO

CitySoul gen2 Mini, LED GreenLine 8000 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

Lamp family code	GRN80 [LED GreenLine 8000 lm]	
Light source replaceable	Yes	Control interface
Number of gear units	1 unit	Constant light output
Driver included	Yes	
Remarks	* At extreme ambient temperatures the	Mechanical and Housi
	luminaire might automatically dim down to	Housing Material
	protect components	Reflector material
Light source engine type	LED	Optic material
Product family code	BRP530 [CitySoul gen2 Mini]	Optical cover material
Lighting Technology	LED	Fixation material
Value ladder	Performance	Housing Color
Embedded control	Constant light output	Mounting device
CE mark	Yes	Optical cover shape
Warranty period	5 years	Optical cover finish
Flammability mark	-	Overall length
ENEC mark	ENEC mark	Overall width
EU RoHS compliant	Yes	Overall height
		Effective projected area
Light Technical		Dimensions (Height x Wid
Upward light output ratio	0.03	Parts color
Luminous Flux	6,632 lm	
Standard tilt angle posttop	0°	Approval and Applicat
Standard tilt angle side entry	0°	Ingress protection code
Correlated Color Temperature (Nom)	3000 K	Mech. impact protection c
Luminous Efficacy (rated) (Nom)	111 lm/W	Surge Protection (Commo
Color rendering index (CRI)	>80	
Number of light sources	1	Protection class IEC
Light source color	830 warm white	
Optical cover type	Flat glass	Initial Performance (IE
Luminaire light beam spread	180°	Luminous flux tolerance
Optic type outdoor	Distribution wide	Initial chromaticity
		Power consumption tolera
Operating and Electrical		Init. Color Rendering Inde
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Over Time Performance
Initial CLO power consumption	48 W	Driver failure rate at 5000
Average CLO power consumption	54 W	
End CLO power consumption	60 W	Application Condition
Inrush current	45 A	Maximum dim level
Inrush time	0.285 ms	
Power Consumption	60 W	Product Data
Power Factor (Fraction)	0.8	Order product name
Connection	-	
Cable	-	Full product name
Number of products on MCB of 16 A type	De B 9	
		Full product code
Temperature		Order code
Ambient temperature range	-40 to +50 °C	Material Nr. (12NC)
		Numerator - Quantity Per
Controls and Dimming		EAN/UPC - Product/Case
Dimmable	No	Numerator - Packs per out

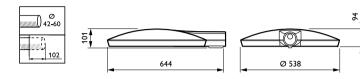
Driver/power unit/transformer	Power supply unit regulating with constant	
	light output	
Control interface	-	
Constant light output	Yes	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	-	
Optic material	Polymethyl methacrylate	
Optical cover material	Polymethyl methacrylate	
Fixation 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	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	
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	
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 GRN80-/830 II DW FG CO GR MSP	
	CLO	
Full product name	BRP530 GRN80-/830 II DW FG CO GR MSP	
	CLO	
Full product code	871869661434100	
Order code	910505016976	
Material Nr. (12NC)	910505016976	
Numerator - Quantity Per Pack	1	
	•	
EAN/UPC - Product/Case	8718696614341	
Numerator - Packs per outer box		

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EAN/UPC - Case

8718696614341

Dimensional drawing





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