# **PHILIPS** Lighting



# CitySoul gen2 LED Mini

# BPP530 LED100/830 II DM FG AL GR

CitySoul gen2 Mini, LED GreenLine 10000 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 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**

# CitySoul gen2 LED Mini

General Information	
Lamp family code	GRN100 [LED GreenLine 10000 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	BPP530 [CitySoul gen2 Mini]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	8,300 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	106 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 medium

**Operating and Electrical** Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 45 A Inrush time 0.285 ms Power Consumption 78 W Power Factor (Fraction) 0.99 Connection -Cable \_ Number of products on MCB of 16 A type B 10

-40 to +50 °C

#### Temperature

Ambient temperature range

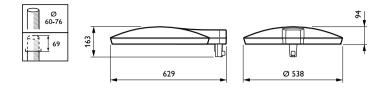
#### **Controls and Dimming**

•	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing Housing Material	Aluminum
-	Auminum
Reflector material	- Delaweethed weether evolution
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	629 mm
Overall width	538 mm
Overall height	94 mm
Effective projected area	0.024 m²
Dimensions (Height x Width x Depth)	94 x 538 x 629 mm
Parts color	All parts colored
Approval and Application	
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
Mark immark mutanting as 1	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 k
	differential mode and 8 kV common mod
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.430, 0.400) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	nt)
Driver failure rate at 5000 h	0.15 %
Control gear failure rate at median useful	10 %
life 100000 h	10 %
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BPP530 LED100/830 II DM FG AL GR
Full product name	BPP530 LED100/830 II DM FG AL GR
Full product code	871869661405100
Order code	910505016947
Material Nr. (12NC)	910505016947
Numerator - Quantity Per Pack	1
	8718696614051
EAN/UPC - Product/Case	
EAN/UPC - Product/Case Numerator - Packs per outer box	1

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### Dimensional drawing





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