



# CitySoul gen2 LED Mini

### BPP530 GRN55-/740 I DM FG CO GR D9

CitySoul gen2 Mini, LED GreenLine 5500 lm, Distribution medium, Flat glass

CitySoul gen2 LED is one of the most versatile and inspirational urban street lighting families designed by Philips to date. This highly efficient range delivers excellent lighting levels whilst also providing the right ambiance for all urban application areas, from the outskirts of the city right through to the city center. By evolving the modularity of the CitySoul family and adding new innovations like the Lyre and the Accent bracket, Philips has made this range the ideal toolbox for every urban context. The design is flatter, completely round, and the transitions with the spigot and bracket entirely flush, thereby giving your cityscape a coherent, elegant and discreet identity. Designed around its LED engine, CitySoul gen2 LED is highly efficient and easy to maintain. It comes in two sizes and is suitable for side-entry, post-top, catenary and suspended mounting.

#### **Product data**

General Information	
Lamp family code	GRN55 [LED GreenLine 5500 lm]
Light source replaceable	Yes
Number of gear units	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

Datasheet, 2023, December 5 data subject to change

# CitySoul gen2 LED Mini

Upwards light output ratio  Luminous Flux  4,646 lm  Standard tilt angle post-top  O°  Standard tilt angle side entry  O°  Correlated Colour Temperature  4000 K  Luminous efficacy (rated) (nom.)  131 lm/W  Colour rendering index (CRI)  >70  Light source colour  740 neutral 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  35.5 W  Power Factor (Fraction)  Cable  - Number of products on MCB of 16 A type B  Dimmable  Yes  Diriver/power unit/transformer  Control sand Dimming  Dimmable  Yes  Driver/power unit/transformer  Constant light output  No  Mechanical and Housing  Housing material  Aluminium  Reflector material  Polymethyl methacrylate  Optica down in the methacrylate  Fixation material  Aluminium		
Standard tilt angle post-top Standard tilt angle side entry O° Correlated Colour Temperature Luminous efficacy (rated) (nom.) 131 lm/W Colour rendering index (CRI) 170 Light source colour 740 neutral white Optical cover type Flat glass Luminaire light beam spread 180° Optic type outdoor  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 25.5 W Power Factor (Fraction) Connection - Cable Number of products on MCB of 16 A type B Priver/power unit/transformer Controls and Dimming Dimmable Yes Driver/power unit/transformer Constant light output No  Mechanical and Housing Housing material Reflector material Polymethyl methacrylate Optic material Polymethyl methacrylate Fixation material Aluminium	Light Technical	
Standard tilt angle post-top  Standard tilt angle side entry  Correlated Colour Temperature  Luminous efficacy (rated) (nom.)  Colour rendering index (CRI)  Light source colour  740 neutral 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 time  0.285 ms  Power Consumption  35.5 W  Power Factor (Fraction)  Cable  Number of products on MCB of 16 A type B 9  Temperature  Ambient temperature range  -40 to +50 °C  Controls and Dimming  Dimmable  Yes  Driver/power unit/transformer  Constant light output  No  Mechanical and Housing  Housing material  Reflector material  Polymethyl methacrylate  Optical cover/lens material  Polymethyl methacrylate	Upwards light output ratio	0.03
Standard tilt angle side entry  Correlated Colour Temperature  Luminous efficacy (rated) (nom.)  Light source colour  740 neutral white  Optical cover type  Flat glass  Luminaire light beam spread  IBO°  Optic type outdoor  Distribution medium  Operating and Electrical  Input Voltage  220 to 240 V  Line Frequency  So to 60 Hz  Inrush current  45 A  Inrush time  0 285 ms  Power Consumption  35.5 W  Power Factor (Fraction)  Cable  -  Number of products on MCB of 16 A type B  Driver/power unit/transformer  Controls and Dimming  Dimmable  Yes  Driver/power unit/transformer  Control interface  Control interface  Control interface  Control interface  Control and Housing  Housing material  Reflector material  Polymethyl methacrylate  Optical cover/lens material  Polymethyl methacrylate  Fixation material  Aluminium	Luminous Flux	4,646 lm
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Luminous efficacy (rated) (nom.)  Colour rendering index (CRI)  >70  Light source colour  740 neutral 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 35.5 W  Power Factor (Fraction)  Cable  Number of products on MCB of 16 A type B 9  Temperature  Ambient temperature range -40 to +50 °C  Controls and Dimming  Dimmable Yes  Driver/power unit/transformer  Control interface  Control interface  Control interface  Constant light output No  Mechanical and Housing  Housing material Aluminium  Reflector material Polymethyl methacrylate  Fixation material Aluminium	Standard tilt angle side entry	0°
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Light source colour 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 current 0.285 ms Power Consumption 35.5 W Power Factor (Fraction) Cable - Number of products on MCB of 16 A type B 9  Temperature Ambient temperature range -40 to +50 °C  Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Constant light output No  Mechanical and Housing Housing material Aluminium Reflector material Polymethyl methacrylate Optical cover/lens material Aluminium Fixation material Aluminium	Luminous efficacy (rated) (nom.)	131 lm/W
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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 35.5 W  Power Factor (Fraction) 0.8  Connection - Cable - Number of products on MCB of 16 A type B  Optication and Dimming  Dimmable Priver/power unit/transformer Control interface Control interface Constant light output  Mechanical and Housing Housing material Polymethyl methacrylate Optical cover/lens material Polymethyl methacrylate Pixation material Aluminium  Polymethyl methacrylate	Light source colour	740 neutral white
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Control interface DALI Constant light output No  Mechanical and Housing Housing material Aluminium  Reflector material - Optic material Polymethyl methacrylate Optical cover/lens material Polymethyl methacrylate Fixation material Aluminium	Dimmable	Yes
Mechanical and Housing Housing material Aluminium  Reflector material - Optic material Polymethyl methacrylate  Optical cover/lens material Polymethyl methacrylate  Fixation material Aluminium	Driver/power unit/transformer	Power supply unit with DALI interface
Mechanical and Housing Housing material Aluminium  Reflector material - Optic material Polymethyl methacrylate Optical cover/lens material Polymethyl methacrylate Fixation material Aluminium	Control interface	DALI
Housing material Aluminium  Reflector material -  Optic material Polymethyl methacrylate  Optical cover/lens material Polymethyl methacrylate  Fixation material Aluminium	Constant light output	No
Housing material Aluminium  Reflector material -  Optic material Polymethyl methacrylate  Optical cover/lens material Polymethyl methacrylate  Fixation material Aluminium		
Reflector material - Optic material Polymethyl methacrylate Optical cover/lens material Polymethyl methacrylate Fixation material Aluminium		
Optic material Polymethyl methacrylate Optical cover/lens material Polymethyl methacrylate Fixation material Aluminium	Housing material	Aluminium
Optical cover/lens material Polymethyl methacrylate  Fixation material Aluminium	Reflector material	-
Fixation material Aluminium	Optic material	Polymethyl methacrylate
	Optical cover/lens material	Polymethyl methacrylate
Housing Colour Grey	Fixation material	Aluminium
	Housing Colour	Grey
Mounting device Spigot for diameter 60 to 76 mm	Mounting device	Spigot for diameter 60 to 76 mm

Optical cover/lens shape	Convex lens
Optical cover/lens 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 colour	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 up to 6 kV $$
	differential mode and 8 kV common mode
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.37) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Driver failure rate at 5,000 hours	0.15 %
Application Conditions	
Maximum dim level	50%
Product Data	
Order product name	BPP530 GRN55-/740 I DM FG CO GR D9
Full product name	BPP530 GRN55-/740 I DM FG CO GR D9
Full EOC	871869661451800
Order code	61451800
Material no. (12 NC)	910505016993
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696614518
Numerator – packs per outer box	1
Numerator – packs per outer box EAN/UPC - Case	1 8718696614518

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#### Dimensional drawing



