PHILIPS Lighting



CitySoul gen2 LED Large

BPP531 GRN60-/830 II DM FG AL GR

CitySoul gen2 Large, LED GreenLine 6000 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	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	BPP531 [CitySoul gen2 Large]

Lighting Technology	LED
Value ladder	Performance
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	_
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

CitySoul gen2 LED Large

Light Technical

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption

Power Factor (Fraction)

Number of products on MCB of 16 A type B 13

Inrush time

Connection Cable

Temperature

Optic material Optical cover material

Fixation material

Mounting device

Housing Color

Upward light output ratio	0.03
Luminous Flux	4,942 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	٥°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (CRI)	>80
Number of light sources	40
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution medium

220 to 240 V

50 to 60 Hz

46 A

0.25 ms

42.5 W

0.8

Optical cover shape	Convex lens
Optical cover finish	Mask (anti-glare)
Overall length	720 mm
Overall width	628 mm
Overall height	99 mm
Effective projected area	0.028 m²
Dimensions (Height x Width x Depth)	99 x 628 x 720 mm
Parts color	All parts colored

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	
Photobiological risk	Photobiological risk group 1@200mm to	
	EN62778	

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 Comp	liant)
Driver failure rate at 5000 h	0.15 %
Application Conditions	

Ambient temperature range	-40 to +50 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	-	

Polymethyl methacrylate

Polymethyl methacrylate

Spigot for diameter 60 to 76 mm

Aluminum

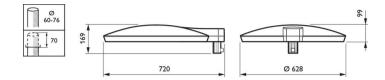
Grey

Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Comp	liant)	
Driver failure rate at 5000 h	0.15 %	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	BPP531 GRN60-/830 II DM FG AL GR	
Full product name	BPP531 GRN60-/830 II DM FG AL GR	
Full product code	871869661352800	
Order code	61352800	
Material Nr. (12NC)	910505016892	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696613528	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696613528	

Datasheet, 2023, April 29

CitySoul gen2 LED Large

Dimensional drawing





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