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 ambience for all urban application areas, from the outskirts of the city right through to the city centre. By evolving the. modularity of the CitySoul family and adding new innovations like 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. Thanks to the built-in Philips Ledgine optimised LED platform, and the wide range of available application-tailored optics, CitySoul LED gen2 delivers the right amount light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips SR (System Ready) sockets, which makes the luminaire future-ready. What this means is that CitySoul LED gen2 is ready to be paired with both standalone and advanced control and lighting software applications, such as Interact City from Signify. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts. CitySoul LED gen2 can also be equipped with our dedicated light recipe that preserves a dark night sky.

Product data

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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

Light Technical

Upward light output ratio	0.03
Luminous Flux	4,942 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
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

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	42.5 W
Power Factor (Fraction)	0.8
Connection	–
Cable	–
Number of products on MCB of 16 A type B	13

Temperature

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	–
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	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 Compliant)

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	910505016892
Material Nr. (12NC)	910505016892
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696613528
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696613528

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Dimensional drawing