PHILIPS Lighting



CitySoul gen2 LED Large

BPP531 GRN145-/740 I DM FG CO GR D9 T35

CitySoul gen2 Large, LED GreenLine 14500 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	GRN145 [LED GreenLine 14500 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

Lig	ht '	Tec	hnica	al
LIS	II.	reci	mille	at

Upward light output ratio	0.03
Luminous Flux	11,882 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	122 lm/W
Color rendering index (CRI)	>70
Number of light sources	64
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution medium

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	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 I Photobiological risk Photobiological risk group 1 @200mm to

EN62778

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 Compliant)	
Driver failure rate at 5000 h	0.15 %
Application Conditions	
Maximum dim level	20%
Product Data	
Order product name	BPP531 GRN145-/740 I DM FG CO GR D9
	T35
Full product name	BPP531 GRN145-/740 I DM FG CO GR D9
	T35
Full product code	871869661347400
Order code	61347400
Material Nr. (12NC)	910505016887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696613474
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696613474

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	97 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type B 11	

Temperature

Ambient temperature range

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

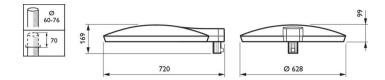
-40 to +50 °C

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

CitySoul gen2 LED Large

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change