PHILIPS Lighting



CitySoul gen2 LED Large

BRP531 GRN125-/740 II DM FG CO GR T35 60

CitySoul gen2 Large, LED GreenLine 12500 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

GRN125 [LED GreenLine 12500 lm]
Yes
1 unit
Yes
* At extreme ambient temperatures the
luminaire might automatically dim down to
protect components
LED
BRP531 [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 Tec	

Upward light output ratio	0.03
Luminous Flux	10,292 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	126 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	735 mm
Overall width	628 mm
Overall height	106 mm
Effective projected area	0.029 m²
Dimensions (Height x Width x Depth)	106 x 628 x 735 mm
Parts color	Cover painted
Approval and Application	
Ingress protection code	IP66 (Dust penetration-protected, jet-proof)

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	(0.38,0.37) 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	Not applicable
Product Data	
Order product name	BRP531 GRN125-/740 II DM FG CO GR T35
	60
Full product name	BRP531 GRN125-/740 II DM FG CO GR T35
	60
Full product code	871869661332000
Order code	61332000
Material Nr. (12NC)	910505016872
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696613320
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696613320

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	82 W
Power Factor (Fraction)	0.8
Connection	-
Cable	-
Number of products on MCB of 16 A type B 11	

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

Polymethyl methacrylate

Side-entry for diameter 60 mm

Aluminum

Convex lens

Grey

Optical cover material

Fixation material

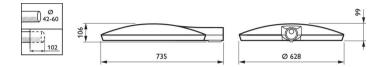
Mounting device

Optical cover shape

Housing Color

CitySoul gen2 LED Large

Dimensional drawing





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