



CitySoul gen2 LED Large

BRP531 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	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	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

Datasheet, 2023, December 5 data subject to change

CitySoul gen2 LED Large

Light Technical	
Upwards light output ratio	0.03
Luminous Flux	11,882 lm
Standard tilt angle post-top	0°
	0°
Standard tilt angle side entry	
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	122 lm/W >70
Colour rendering index (CRI)	
Light source colour	740 neutral white
Optical cover type	Flat glass 180°
Luminaire light beam spread	
Optic type outdoor	Distribution medium
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	-40 to +50 °C
Controls and Dimming	
Controls and Dimming	Yes
Dimmable	
Dimmable Driver/power unit/transformer	Power supply unit with DALI interface
Dimmable Driver/power unit/transformer Control interface	Power supply unit with DALI interface
Dimmable Driver/power unit/transformer Control interface	Power supply unit with DALI interface
Dimmable Driver/power unit/transformer Control interface Constant light output	Power supply unit with DALI interface
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Power supply unit with DALI interface DALI No
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material	Power supply unit with DALI interface DALI No
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material	Power supply unit with DALI interface DALI No Aluminium
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material	Power supply unit with DALI interface DALI No Aluminium - Polymethyl methacrylate
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material	Power supply unit with DALI interface DALI No Aluminium - Polymethyl methacrylate Polymethyl methacrylate
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material	Power supply unit with DALI interface DALI No Aluminium - Polymethyl methacrylate Polymethyl methacrylate Aluminium
Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour	Power supply unit with DALI interface DALI No Aluminium - Polymethyl methacrylate Polymethyl methacrylate Aluminium Grey

Mech. impact protection code IK08 [5 J vandal-protected]			
Overall height 106 mm Effective projected area 0.029 m² Dimensions (height x width x depth) 106 x 628 x 735 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 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 +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 0.15 % Application Conditions Maximum dim level 20% Product Data Order product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full EOC 871869661342900 Order code 61342900 Material no. (12 NC) 910505016882	Overall length	735 mm	
Effective projected area Dimensions (height x width x depth) Parts colour Cover painted Approval and Application Ingress protection code Mech. impact protection (Common/Differential) Surge Protection (Common/Differential) Protection class IEC Photobiological risk Photobiological risk Photobiological risk group 1 @200mm to EN62778 Initial Performance (IEC Compliant) Luminous flux tolerance 1/-10% Initial chromaticity (0.38,0.37) SDCM<5 Power consumption tolerance 1/-10% Init. Color Rendering Index Tolerance 1/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours Diver failure rate at 5,000 hours Driver failure rate at 5,000 hours Product Data Order product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full EOC 871869661342900 Material no. (12 NC) 910505016882	Overall width	628 mm	
Dimensions (height x width x depth) Parts colour Cover painted Approval and Application Ingress protection code Mech. impact protection code IKO8 [5 J vandal-protected] Luminaire surge protection level up to 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 5,000 hours 0.15 % Application Conditions Maximum dim level 20% Product Data Order product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product code 61342900 Material no. (12 NC) 910505016882	Overall height	106 mm	
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Driver failure rate at 5,000 hours 0.15 % Application Conditions 20% Maximum dim level 20% Product Data BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full product name BRP531 GRN145-/740 I DM FG CO GR D9 T35 Full EOC 871869661342900 Order code 61342900 Material no. (12 NC) 910505016882			
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Full EOC 871869661342900 Order code 61342900 Material no. (12 NC) 910505016882	Full product name	BRP531 GRN145-/740 I DM FG CO GR D9	
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Material no. (12 NC) 910505016882	Full EOC	871869661342900	
	Order code	61342900	
SAP numerator – quantity per pack 1	Material no. (12 NC)	910505016882	
	SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case 8718696613429	EAN/UPC — Product/Case	8718696613429	
Numerator – packs per outer box 1	Numerator – packs per outer box	1	
EAN/UPC - Case 8718696613429	EAN/UPC - Case	8718696613429	

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Dimensional drawing



