PHILIPS Lighting



CitySoul gen2 LED Large

BRP531 GRN60-/830 II DM FG AL GR T35 60S

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	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

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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

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	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

Photobiological risk group 1@200mm to

Optic type outdoor	Distribution medium	
		Protection class IEC
Operating and Electrical		Photobiological risk
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	46 A	Initial Performance
Inrush time	0.25 ms	Luminous flux tolerar
Power Consumption	42.5 W	Initial chromaticity
Power Factor (Fraction)	0.8	Power consumption t

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	

Safety class II

EN62778

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 GRN60-/830 II DM FG AL GR T35	
	60S	
Full product name	BRP531 GRN60-/830 II DM FG AL GR T35	
	60S	
Full product code	871869661350400	
Order code	61350400	
Material Nr. (12NC)	910505016890	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696613504	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696613504	

Connection

Cable	-
Number of products on MCB of 16 A type B	13

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming	
Dimmable	

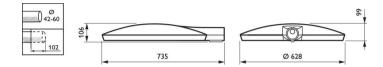
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

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	Side-entry for diameter 60 mm
Optical cover shape	Convex lens

CitySoul gen2 LED Large

Dimensional drawing





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