



CitySoul gen2 LED Large

BRP531 LED120-4S/830 II DM50 D9 AL GR

CitySoul gen2 LED Large, Urban road & street light, 91 W, 10080 lm, 3000 K, CRI80, DALI, Distribution medium 50, Safety class II, IP66. STD

CitySoul LED gen2 is one of the most versatile and inspirational LED urban street lighting families designed by Philips to date. This highly efficient range delivers excellent lighting levels whilst also providing the right ambience for every urban application, from the suburbs to the city center. This modular city lighting family has evolved with new innovations such as the Lyre and the Accent bracket, making it the ideal toolbox for every urban context. To give your cityscape a coherent, elegant and discreet identity, the design is flatter, completely round, and the transitions with the spigot and bracket entirely flush. It also comes in two sizes and is suitable for side-entry, post-top, catenary and suspended mounting. CitySoul LED gen2 is highly efficient and easy to maintain. Thanks to the built in Philips LEDGINE-O engine, and the wide range of application-tailored optics, this urban lighting solution delivers the right amount of light and in the right direction on your street, enabling further energy savings. The luminaires can even be equipped with our dedicated light recipe that preserves dark skies. CitySoul LED gen2 is also future ready with a choice of one or two Philips System Ready (SR) sockets that enable the luminaire to be paired with both standalone and advanced control and lighting software applications such as Interact from Signify. In addition, every CitySoul LED gen2 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

Product data

Datasheet, 2025, January 20 data subject to change

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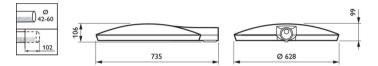
General Information		Optic material	Polymethyl methacrylate
Lamp family code	LED120 [LED module 12000 lm]	Optical cover material	Glass
Light source replaceable	Yes	Fixation material	Aluminum
Number of gear units	1 unit	Housing Color	Gray
Driver included	Yes	Mounting device	Side-entry for diameter 60 mm
Light source engine type	LED	Optical cover shape	Flat
Service tag	Yes	Optical cover finish	Clear
Lighting Technology	LED	Overall height	100 mm
Value ladder	Performance	Overall diameter	735 mm
Serviceability class	Class A, luminaire is equipped with	Ingress protection code	IP66 [Dust penetration-protected, jet-
	serviceable parts (when applicable): LED		proof]
	board, driver, control units, surge protection	Mech. impact protection code	IK08 [5 J vandal-protected]
	device, optics, front cover and mechanical	Standard tilt angle posttop	-
	parts	Standard tilt angle side entry	-
Warranty period	5 years	Optical cover type	Clear glass
Sustainability rating	Lighting for circularity	Net Weight (Piece)	18.000 kg
Light Technical		Approval and Application	
Upward light output ratio	0.03	Flammability mark	-
Luminous Flux	10,080 lm	CE mark	Yes
Correlated Color Temperature (Nom)	3000 K	ENEC mark	ENEC mark
Luminous Efficacy (rated) (Nom)	111 lm/W	EU RoHS compliant	Yes
Color rendering index (CRI)	80	Performance ambient temperature Tq	25 °C
Number of light sources	60	Remarks	* At extreme ambient temperatures the
Light source color	830 warm white		luminaire might automatically dim down to
Luminaire light beam spread	-		protect components
Optic type outdoor	Distribution medium 50	Ambient temperature range	-40 to +50 °C
Effective projected area	0.061 m²		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-7%
Input Voltage	220 to 240 V	Initial chromaticity	(0.43, 0.40) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Inrush current	53 A	Init. Color Rendering Index Tolerance	+/-2
Inrush time	0.3 ms	Standard Deviation of Colour Matching	SDCM≤5
Power Consumption	91 W	(McAdam ellipse)	
Power Factor (Fraction)	0.99		
Connection	Screw connection block	Over Time Performance (IEC Complia	ant)
Cable	-	Control gear failure rate at median useful	10 %
Number of products on MCB of 16 A type E	3 8	life 100000 h	
Protection class IEC	Safety class II	Lumen maintenance at median useful life*	L96
Surge Protection (Common/Differential)	Philips standard surge protection level	100000 h	
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	BRP531 LED120-4S/830 II DM50 D9 AL GR
Driver/power unit/transformer	Power supply unit with DALI interface	Full product name	BRP531 LED120-4S/830 II DM50 D9 AL GR
Control interface	DALI	Full product code	871869987868900
Constant light output	No	Order code	912300024411
Maximum dim level	10%	Material Nr. (12NC)	912300024411
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718699878689
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	Acrylate	EAN/UPC - Case	8718699878689
	,		-

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Product family code

BRP531 [CitySoul gen2 Large]

Dimensional drawing





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