



# CitySoul gen2 LED Mini

## BPP530 LED60-4S/830 II DM50 D9 AL GR

CitySoul gen2 Mini - LED module 6000 lm - 830 warm white - Power supply unit with DALI interface - Safety class II (II) - Distribution medium 50 - Clear glass - Grey - Philips standard surge protection level kV - Post-top for diameter 60 mm

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 ambience for all urban application areas, from the outskirts of the city right through to the city centre. 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. Thanks to the built-in Philips Ledgine optimised LED platform, and the wide range of available application-tailored optics, CitySoul LED gen2 delivers the right amount light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips SR (System Ready) sockets, which makes the luminaire future-ready. What this means is that CitySoul LED gen2 is ready to be paired with both standalone and advanced control and lighting software applications, such as Interact City from Signify. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts. CitySoul LED gen2 can also be equipped with our dedicated light recipe that preserves a dark night sky.

# CitySoul gen2 LED Mini

## Product data

General Information	
Number of light sources	30 [ 30 pcs]
Lamp family code	LED60 [ LED module 6000 lm]
Lamp colour code	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes
Optical cover/lens type	GC [ Clear glass]
Luminaire light beam spread	-
Control interface	DALI
Connection	Screw connection block
Cable	-
Protection class IEC	Safety class II (II)
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 50
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	11
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BPP530 [ CitySoul gen2 Mini]
Light Technical	
Upward light output ratio	0.03
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.98
Controls and Dimming	
Dimmable	Yes

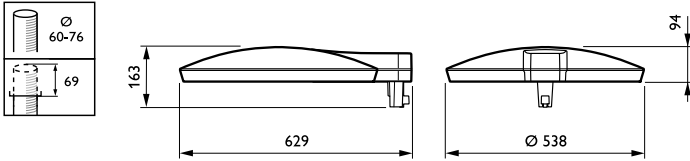
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	60P [ Post-top for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall height	165 mm
Overall diameter	630 mm
Effective projected area	0.05 m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	165 x NaN x NaN mm (6.5 x NaN x NaN in)
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)	Philips standard surge protection level kV
Sustainability rating	-
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	5100 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	110 lm/W
Lamp colour temperature	3000 K
Colour Rendering Index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	46.5 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97
Application Conditions	
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Product Data	
Full product code	871869987865800
Order product name	BPP530 LED60-4S/830 II DM50 D9 AL GR
EAN/UPC – product	8718699878658
Order code	912300024408

# CitySoul gen2 LED Mini

SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912300024408
SAP net weight (piece)	12.700 kg

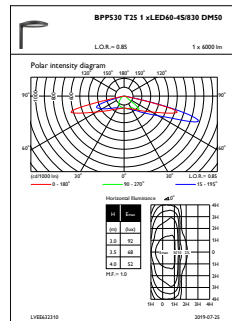
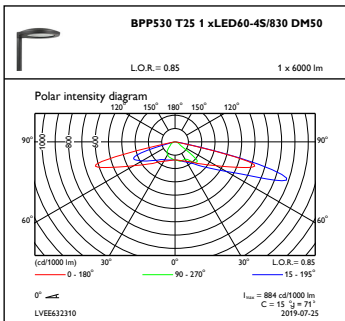


## Dimensional drawing



BPP530 LED60-4S/830 II DM50 D9 AL GR

## Photometric data



OFPC1\_BPP530T251xLED60-4S830DM50

OFPL1\_BPP530T251xLED60-4S830DM50

