



# CitySoul gen2 LED Large

## BPP531 LED120-4S/830 II DM50 SRT IACZ-4-

CitySoul gen2 Large - LED module 12000 lm - 830 warm white - Power supply unit with DALI and SystemReady interface - Safety class II - Distribution medium 50 - Clear glass - Grey - Philips standard surge protection level kV - - - Side-entry 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 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		Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface
Number of light sources	60 [ 60 pcs]	Driver included	Yes
Lamp family code	LED120 [ LED module 12000 lm]	Optical cover/lens type	GC [ Clear glass]
Light source colour	830 warm white	Luminaire light beam spread	-
Light source replaceable	Yes	Control interface	DALI
Number of gear units	1 unit		

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Connection	Screw connection block
Cable	-
Protection class IEC	Safety class 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)	15
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	BPP531 [ CitySoul gen2 Large]

### 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	11.2 A
Inrush time	0.135 ms
Power factor (min.)	0.97

### Controls and Dimming

Dimmable	Wireless Dim
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### Mechanical and Housing

Housing material	Aluminium
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	60S [ Side-entry for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

Overall height	170 mm
Overall diameter	720 mm
Effective projected area	0.059 m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	170 x NaN x NaN mm (6.7 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

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10080 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	110 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	92 W
Power consumption tolerance	+/-11%
Init. colour rendering index tolerance	+/-2

### Over Time Performance (IEC Compliant)

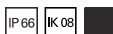
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L96

### Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

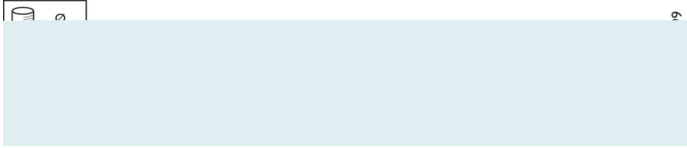
### Product Data

Full product code	871869987870200
Order product name	BPP531 LED120-4S/830 II DM50 SRT IACZ-4-
EAN/UPC – product	8718699878702
Order code	87870200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912300024413
SAP net weight (piece)	18.000 kg



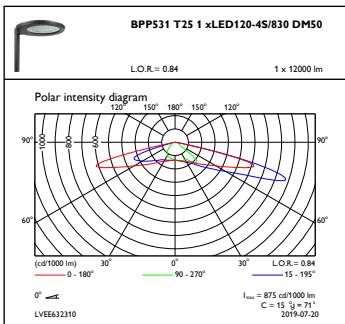
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## Dimensional drawing

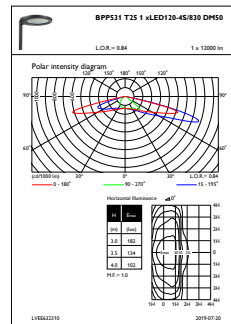


CitySoul gen2 BGP/BPP/BRP/BSP/BVP530/531

## Photometric data



OFPC1\_BPP531T251xLED120-4S830DM50



OFPL1\_BPP531T251xLED120-4S830DM50

