



# CitySoul gen2 LED Mini

## BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR

CitySoul gen2 LYRE, LED module 6000 lm, 830 warm white, Power supply unit with DALI interface, Safety class II, Distribution medium 50, Flat glass, Gray, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

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 all urban applications, 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 programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

# CitySoul gen2 LED Mini

## Product data

General Information	
Lamp family code	LED60 [LED module 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	BPP532 [CitySoul gen2 LYRE]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

## Light Technical

Upward light output ratio	0.03
Luminous Flux	4,920 lumen
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	≥80
Number of light sources	30
Light source color	830 warm white
Optical cover/lens type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 50

## Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	46.5 W
Power Factor (Fraction)	0.98
Connection	Screw connection block
Cable	-
Number of products on MCB of 16 A type B	11

## Temperature

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

Dimmable	Yes
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Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

## Mechanical and Housing

Housing Material	Aluminum
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	-
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall height	95 mm
Overall diameter	540 mm
Effective projected area	0.079 m <sup>2</sup>

## 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 10 kV differential mode and 10 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II

## Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM <5
Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

## Application Conditions

Maximum dim level	10%
Performance ambient temperature Tq	25 °C

## Product Data

Full product code	871869989203600
Order product name	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR
Order code	912300024530

## CitySoul gen2 LED Mini

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024530
Full product name	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR

EAN/UPC - Case	8718699892036
EAN/UPC - Product/Case	8718699892036

### Dimensional drawing

