



CitySoul gen2 LED – a versatile identity

CitySoul gen2 LED Mini

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.

Benefits

- An integrated UrbanStyling lighting toolbox designed for many different urban applications
- Luminaires, brackets and poles are designed as one integrated concept to ensure coherence
- Future-proof thanks to excellent lighting performance and product quality

Features

- A broad range of elegant, dedicated and complete sets, including poles and brackets, a tiltable option, double post-top and catenary versions
- Various features to deliver the most efficient and comfortable lighting level
- Compatible with all Philips' standard and advanced lighting controls
- Easy maintenance on-site
- Compatible with existing CitySoul pole and bracket range Flip, Morph, Jump, Sweep

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Application

- City centers
- Parks and plazas
- Roads and streets
- Commercial districts

Specifications

Type	BPP530 (post top version) BRP530 (side entry version) BSP530 (catenary or suspended version) BVP530 (dedicated for Right Curve bracket) BGP530 (MBA CD; dedicated for Graphic and East bracket) BPP532 (dedicated for the lyre)
Light source	Integral LED-module
Power	GreenLine (GRN): 14-86 W depending on configuration
Luminous flux	1550-8400 lm (3000 K) 1700-9500 lm (4000 K)
Luminaire efficacy	Up to 122 lm/W
Correlated Color	3000 K, warm white
Temperature	4000 K, neutral white
Color Rendering Index	≥ 70, neutral white ≥ 80, warm white

Specifications

Options	Photocell: Minicell, 35, 55, 70 lux
Optic	Distribution medium (DM), wide (DW), wet road (DK), residential wide (DRW), symmetrical (S)
Optical cover	Hard glass, tempered Glass plate, frosted (optional) IK10 glass, tempered (optional)
Material	Housing: high-pressure die-cast aluminum, coated Gasket: silicone rubber, heat resistant Optics: plastic (PMMA) Cover: glass, thermally hardened
Color	Housing: Philips ultra-dark grey (close to RAL 7022, fine textured color) Frame: satin silver grey (close to RAL 9006) Other RAL and AKZO Futura colors available on request
Connection	Screw connection block Wieland push in connector possible (optional)
Maintenance	From below by opening the housing with 1 screws (Torx T20)

Maintenance of lumen output - L80B10	100,000 hours
Operating temperature range	-20 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	210-240 V / 50-60 Hz
Inrush current	65 A / 100 µs (40 W driver) 80 A / 150 µs (100 W driver)
Dimming	DynaDimmer LumiStep CLO
Controls system input	DALI StarSense RF LightWave (GPRS)

Installation	BPP530: post-top mounting: Ø 60-76 mm BRP530: side-entry mounting: Ø 42-60 mm BSP530: catenary or suspended mounting with dedicated bracket BPP532: dedicated lyre (bracket available, to be ordered separately) Recommended mounting height: up to 8 m Adjustable tilt angle: possible with specific MBA or 76PA mounting spigot Max SCx - BRP/BPP530: 0.011 m ² - BPP532 + JRP533: 0.061 m ² - 2 x BGP530 + JRP532: 0.027 m ² - BGP530 + MBA SJ (tiltable side-entry bracket): 0.014 m ²
Cable gland	M20
Accessories	JRP533 (lyre bracket) JRP534 (accent spigot) JRP532 (double post top spigot) JGP530 (east bracket) JRP531 (graphic bracket) JSP532 (right curve bracket) YHB530 (lyre dedicated pole)

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Remarks Lyre bracket version not available for CitySoul gen2 LED Large family (BPP531)
Pre-cabled possible for:

- Wall mounted / suspended or catenary (C2K, 1.65 m cable)
- Other configurations (C6K, 6 m cable, C10K, 10 m cable)

Versions



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



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



CitySoul gen2 Mini - LED module
6000 lm - 830 warm white -
Power supply unit with DALI
interface - Safety class II -
Distribution medium 50 - Clear
glass - Gray - Luminaire surge
protection level until 10 kV
differential mode and 10 kV
common mode - - - Side-entry for
diameter 60 mm



CitySoul LED gen2 mini BGP530
with East Bracket JGP530 (bracket
to be ordered separately)

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Application Conditions

Maximum dim level	10%
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Approval and Application

Mech. impact protection code	IK08
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Controls and Dimming

Dimmable	Yes
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General Information

Luminaire light beam spread	-
CE mark	CE mark
Light source color	830 warm white
Driver included	Yes
Flammability mark	NO
Lamp family code	LED60
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	30
Optic type	Distribution medium 50

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80

Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0.03

Mechanical and Housing

Color	Gray
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Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
87865800	BPP530 LED60-4S/830 II DM50 D9 AL GR	Philips standard surge protection level kV
87866500	BPP530 LED60 II DM50 AL GR D9 SRG10 T35	Surge protection level until 10 kV
89203600	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR	Surge protection level until 10 kV
89204300	BRP530 LED60-4S/830 II DM50 D9 SRG10ALGR	Surge protection level until 10 kV
89207400	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	Surge protection level until 10 kV

General Information

Order Code	Full Product Name	Parts color	Optical cover/lens type	Product Family Code
87865800	BPP530 LED60-4S/830 II DM50 D9 AL GR	-	GC	BPP530
87866500	BPP530 LED60 II DM50 AL GR D9 SRG10 T35	All parts colored	FG	BPP530
89203600	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR	All parts colored	FG	BPP532

Order Code	Full Product Name	Parts color	Optical cover/lens type	Product Family Code
89204300	BRP530 LED60-4S/830 II DM50 D9 SRG10ALGR	All parts colored	FG	BRP530
89207400	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	GC	BGP530

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
87865800	BPP530 LED60-4S/830 II DM50 D9 AL GR	5100 lm
87866500	BPP530 LED60 II DM50 AL GR D9 SRG10 T35	5100 lm
89203600	BPP532 LED60-4S/830 II DM50 D9 SRG10ALGR	4920 lm

Order Code	Full Product Name	Initial luminous flux
89204300	BRP530 LED60-4S/830 II DM50 D9 SRG10ALGR	5100 lm
89207400	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	5100 lm

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