



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

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)

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)

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 m2 - BPP532 + JRP533: 0.061 m2 - 2 x BGP530 + JRP532: 0.027 m2 - BGP530 + MBA SJ (tiltable side-entry bracket): 0.014 m2
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 BRP530 pedestrian luminaire, side entry version



CitySoul gen2 mini BPP530 pedestrian luminaire, pole mounted version



CitySoul gen2 mini BSP530 pedestrian luminaire, catenary or suspended version



CitySoul gen2 mini BPP532 pedestrian luminaire, lyre bracket version (not available for CitySoul gen2 Large family)

Product details



CitySoul gen2 with Right Curve bracket



CitySoul gen2 with East bracket- side view



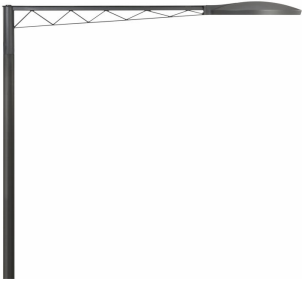
CitySoul gen2 with East bracket- top view



CitySoul gen2 with East bracket- below view

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Product details



CitySoul gen2 with Graphic bracket- side view



CitySoul gen2 with Graphic bracket- top view



CitySoul gen2 with Graphic bracket- below view



CitySoul gen2 with Right Curve bracket- side view



CitySoul gen2 with Right Curve bracket- top view



CitySoul gen2 with Right Curve bracket- below view



CitySoul gen2 with Accent spigot mounted on Ocean Straight pole



CitySoul gen2 with adjustable spigot on Ocean Curved pole

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Product details

CitySoul gen2 side-entry version-
top view



CitySoul gen2 post-top version-
side view



CitySoul gen2 post-top version-
top view



CitySoul gen2 double post-top
version- side view



Spigot ensures flush transition
between double post-top
luminaire and mast



Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

General Information

Luminaire light beam spread	180°
CE mark	CE mark
Coating	-
Optical cover/lens type	Flat glass
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	1 pc

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and Housing

Color	Gray
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Application Conditions

Order Code	Full Product Name	Maximum dim level
910505016933	BRP530 LED55/740 II DM FG CO GR	Not applicable
910505016934	BRP530 LED65/740 II DM FG CO GR T35	Not applicable
910505016937	BRP530 LED95/740 II DM FG CO GR	Not applicable
910505016943	BRP530 LED100/830 II DM FG AL GR	Not applicable
910505016945	BPP530 LED19/830 II DM FG AL GR T35	Not applicable
910505016947	BPP530 LED100/830 II DM FG AL GR	Not applicable
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	Not applicable
910505016992	BPP530 LED35/740 I DM FG CO GR D9 T35	50%
910505016994	BPP530 LED75/740 I DM FG CO GR D9 T35	50%
910505017030	BPP530 LED55/740 I DM GR CLO T35	Not applicable
910505017037	BSP530 LED35/740 I S AL GR CLO C2K T35	Not applicable
910505017214	BPP532 LED19/830 II DM AL GR T35	Not applicable
910505017215	BGP530 LED19/830 II DM AL GR T35	Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505016933	BRP530 LED55/740 II DM FG CO GR	No
910505016934	BRP530 LED65/740 II DM FG CO GR T35	No
910505016937	BRP530 LED95/740 II DM FG CO GR	No
910505016943	BRP530 LED100/830 II DM FG AL GR	No
910505016945	BPP530 LED19/830 II DM FG AL GR T35	No
910505016947	BPP530 LED100/830 II DM FG AL GR	No
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	No

Order Code	Full Product Name	Dimmable
910505016992	BPP530 LED35/740 I DM FG CO GR D9 T35	Yes
910505016994	BPP530 LED75/740 I DM FG CO GR D9 T35	Yes
910505017030	BPP530 LED55/740 I DM GR CLO T35	No
910505017037	BSP530 LED35/740 I S AL GR CLO C2K T35	No
910505017214	BPP532 LED19/830 II DM AL GR T35	No
910505017215	BGP530 LED19/830 II DM AL GR T35	No

General Information (1/2)

Order Code	Full Product Name	Parts color	Light source color	Lamp family code	Light regulation percentage
910505016933	BRP530 LED55/740 II DM FG CO GR	Cover painted	740 neutral white	GRN55	-
910505016934	BRP530 LED65/740 II DM FG CO GR T35	Cover painted	740 neutral white	GRN65	-

Order Code	Full Product Name	Parts color	Light source color	Lamp family code	Light regulation percentage
910505016937	BRP530 LED95/740 II DM FG CO GR	Cover painted	740 neutral white	GRN95	-
910505016943	BRP530 LED100/830 II DM FG AL GR	All parts colored	830 warm white	GRN100	-
910505016945	BPP530 LED19/830 II DM FG AL GR T35	All parts colored	830 warm white	GRN19	-

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Order Code	Full Product Name	Parts color	Light source color	Lamp family code	Light regulation percentage
910505016947	BPP530 LED100/830 II DM FG AL GR	All parts colored	830 warm white	GRN100	-
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	Cover painted	830 warm white	GRN40	50%
910505016992	BPP530 LED35/740 I DM FG CO GR D9 T35	Cover painted	740 neutral white	GRN35	-
910505016994	BPP530 LED75/740 I DM FG CO GR D9 T35	Cover painted	740 neutral white	GRN75	-

Order Code	Full Product Name	Parts color	Light source color	Lamp family code	Light regulation percentage
910505017030	BPP530 LED55/740 I DM GR CLO T35	Cover painted	740 neutral white	LED55	-
910505017037	BSP530 LED35/740 I S AL GR CLO C2K T35	All parts colored	740 neutral white	GRN35	-
910505017214	BPP532 LED19/830 II DM AL GR T35	All parts colored	830 warm white	GRN19	-
910505017215	BGP530 LED19/830 II DM AL GR T35	All parts colored	830 warm white	GRN19	-

General Information (2/2)

Order Code	Full Product Name	Optic type	Optical element	Product Family Code
910505016933	BRP530 LED55/740 II DM FG CO GR	Distribution medium	-	BRP530
910505016934	BRP530 LED65/740 II DM FG CO GR T35	Distribution medium	-	BRP530
910505016937	BRP530 LED95/740 II DM FG CO GR	Distribution medium	-	BRP530
910505016943	BRP530 LED100/830 II DM FG AL GR	Distribution medium	-	BRP530
910505016945	BPP530 LED19/830 II DM FG AL GR T35	Distribution medium	-	BPP530
910505016947	BPP530 LED100/830 II DM FG AL GR	Distribution medium	-	BPP530
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	Distribution wide	-	BPP530

Order Code	Full Product Name	Optic type	Optical element	Product Family Code
910505016992	BPP530 LED35/740 I DM FG CO GR D9 T35	Distribution medium	-	BPP530
910505016994	BPP530 LED75/740 I DM FG CO GR D9 T35	Distribution medium	-	BPP530
910505017030	BPP530 LED55/740 I DM GR CLO T35	Distribution medium	-	BPP530
910505017037	BSP530 LED35/740 I S AL GR CLO C2K T35	Symmetrical	-	BSP530
910505017214	BPP532 LED19/830 II DM AL GR T35	Distribution medium	-	BPP532
910505017215	BGP530 LED19/830 II DM AL GR T35	Distribution medium	-	BGP530

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910505016933	BRP530 LED55/740 II DM FG CO GR	4000 K	>70	4704 lm
910505016934	BRP530 LED65/740 II DM FG CO GR T35	4000 K	>70	5544 lm
910505016937	BRP530 LED95/740 II DM FG CO GR	4000 K	>70	8064 lm
910505016943	BRP530 LED100/830 II DM FG AL GR	3000 K	>80	8300 lm
910505016945	BPP530 LED19/830 II DM FG AL GR T35	3000 K	>80	1615 lm
910505016947	BPP530 LED100/830 II DM FG AL GR	3000 K	>80	8300 lm
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	3000 K	>80	3302 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910505016992	BPP530 LED35/740 I DM FG CO GR D9 T35	4000 K	>70	2940 lm
910505016994	BPP530 LED75/740 I DM FG CO GR D9 T35	4000 K	>70	6384 lm
910505017030	BPP530 LED55/740 I DM GR CLO T35	4000 K	>70	4368 lm
910505017037	BSP530 LED35/740 I S AL GR CLO C2K T35	4000 K	>70	2772 lm
910505017214	BPP532 LED19/830 II DM AL GR T35	3000 K	>80	1558 lm
910505017215	BGP530 LED19/830 II DM AL GR T35	3000 K	>80	1615 lm

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