



CitySoul LED gen2 - 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. Thanks to the built-in Philips Ledgine optimized LED platform, and the wide range of available application-tailored optics, CitySoul LED gen2 delivers the right amount of 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

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
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

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

Application

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

Specifications

Type	BPP530 (post top version)	Maintenance of lumen output - L80B10	100,000 hours
	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	Operating temperature range	-20 to +35 °C
Power	GreenLine (GRN): 14-86 W depending on configuration	Driver	Built-in (self ballasted LED-module)
Luminous flux	1550-8400 lm (3000 K)	Mains voltage	210-240 V / 50-60 Hz
	1700-9500 lm (4000 K)	Inrush current	65 A / 100 µs (40 W driver) 80 A / 150 µs (100 W driver)
Luminaire efficacy	Up to 122 lm/W	Dimming	DynaDimmer
Correlated Color	3000 K, warm white		LumiStep
Temperature	4000 K, neutral white		CLO
Color Rendering Index	≥ 70, neutral white	Controls system input	DALI
	≥ 80, warm white		StarSense RF
			LightWave (GPRS)

Specifications

Options	Photocell: Minicell, 35, 55, 70 lux	Material	Housing: high-pressure die-cast aluminum, coated
Optic	Distribution medium (DM), wide (DW), wet road (DK), residential wide (DRW), symmetrical (S)		Gasket: silicone rubber, heat resistant
Optical cover	Hard glass, tempered		Optics: plastic (PMMA)
	Glass plate, frosted (optional)		Cover: glass, thermally hardened
	IK10 glass, tempered (optional)		

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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)
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 BPP530
pedestrian luminaire, pole
mounted version



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 Mini - LED module
6000 lm - 830 warm white -
Power supply unit with DALI and
SystemReady 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 LED Mini

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 - Luminaire surge
protection level until 10 kV
differential mode and 10 kV
common mode - - - Side-entry for
diameter 60 mm



CitySoul gen2 Suspended 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 - - - Suspension set
simple, standard



CitySoul LED gen2 mini BVP530
with dedicated Right Curve
Bracket JSP532 (bracket to be
ordered separately)



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

Product details



OPDP_BGP530i_0015-Detail
photo



CitySoul gen2 LED Mini

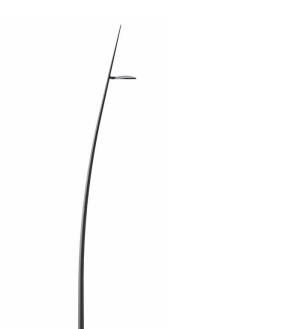
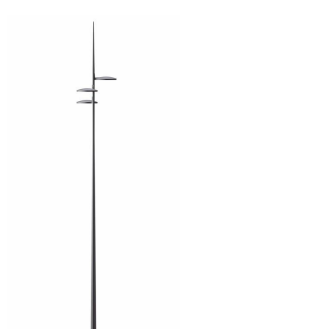
Product details



OPDP_BGP530i_0025-Detail
photo



OPDP_BGP530i_0029-Detail
photo



CitySoul gen2 LED Mini

Product details



OPDP_BGP530i_0013-Detail photo

Approval and Application	
Mech. impact protection code	IK08
General Information	
CE mark	CE mark
Light source color	830 warm white
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Init. Corr. Color Temperature	3000 K
Light Technical	
Upward light output ratio	0.03
Mechanical and Housing	
Color	Gray

Application Conditions

Order Code	Full Product Name	Maximum dim level
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	Not applicable
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	10%
912300024409	BPP530 LED60-4S/830 II DM D9 SRG10 AL GR	10%
912300024410	BPP530 LED60-4S/830 II DM D9 SRT CTG-	10%
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10 AL	10%
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10 AL	10%
912300024532	BSP530 LED60-4S/830 II DM50 D9 SRG10 AL	10%
912300024533	BVP530 LED60-4S/830 II DM50 D9 SRG10 AL	10%
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	10%

Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	Philips standard surge protection level

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Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024409	BPP530 LED60-4S/830 II DM D9 SRG10 AL GR	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024410	BPP530 LED60-4S/830 II DM D9 SRT CTG-	Philips standard surge protection level
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024532	BSP530 LED60-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024533	BVP530 LED60-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	No
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	Yes
912300024409	BPP530 LED60-4S/830 II DM D9 SRG10 AL GR	Yes
912300024410	BPP530 LED60-4S/830 II DM D9 SRT CTG-	Wireless Dim
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10 AL	Yes

Order Code	Full Product Name	Dimmable
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10 AL	Yes
912300024532	BSP530 LED60-4S/830 II DM50 D9 SRG10 AL	Yes
912300024533	BVP530 LED60-4S/830 II DM50 D9 SRG10 AL	Yes
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	Yes

General Information (1/2)

Order Code	Full Product Name	Luminaire		Optical	
		light beam spread	Parts color	cover/lens	Coating type
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	180°	Cover painted	-	Flat glass
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	-	-	-	Clear glass
912300024409	BPP530 LED60-4S/830 II DM D9 SRG10 AL GR	-	-	-	Clear glass
912300024410	BPP530 LED60-4S/830 II DM D9 SRT CTG-	-	-	-	Clear glass
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10 AL	-	-	-	Clear glass

Order Code	Full Product Name	Luminaire		Optical	
		light beam spread	Parts color	cover/lens	Coating type
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-	-	Clear glass
912300024532	BSP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-	-	Clear glass
912300024533	BVP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-	-	Clear glass
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-	-	Clear glass

General Information (2/2)

Order Code	Full Product Name	Lamp family code	Light regulation percentage	Number of light sources	Product Family
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	GRN40	50%	1 pc	BPP530
912300024408	BPP530 LED60-4S/83	LED60	-	30 pcs	BPP530

Order Code	Full Product Name	Lamp family code	Light regulation percentage	Number of light sources	Product Family
	0 II DM50 D9 AL GR				
912300024409	BPP530 LED60-4S/83	LED60	-	30 pcs	BPP530
	0 II DM D9 SRG10 AL GR				

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Order Code	Full Product Name	Lamp family code	Light regulation percentage	Number of light sources	Optic type	Product Family Code
912300024410	BPP530 LED60-4S/83 0 II DM D9 SRT CTG-	LED60	-	30 pcs	Distribution medium 50	BPP530
912300024530	BPP532 LED60-4S/83 0 II DM50 D9 SRG10 AL	LED60	-	30 pcs	Distribution medium 50	BPP532
912300024531	BRP530 LED60-4S/83 0 II DM50 D9 SRG10 AL	LED60	-	30 pcs	Distribution medium 50	BRP530

Order Code	Full Product Name	Lamp family code	Light regulation percentage	Number of light sources	Optic type	Product Family Code
912300024532	BSP530 LED60-4S/83 0 II DM50 D9 SRG10 AL	LED60	-	30 pcs	Distribution medium 50	BSP530
912300024533	BVP530 LED60-4S/83 0 II DM50 D9 SRG10 AL	LED60	-	30 pcs	Distribution medium 50	BVP530
912300024534	BGP530 LED60-4S/83 0 II DM50 D9 SRG10 AL	LED60	-	30 pcs	Distribution medium 50	BGP530

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Color Rendering Index	Initial luminous flux
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	>80	3302 lm
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	≥80	5100 lm
912300024409	BPP530 LED60-4S/830 II DM D9 SRG10 AL GR	≥80	5100 lm
912300024410	BPP530 LED60-4S/830 II DM D9 SRT CTG-	≥80	5100 lm
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10 AL	≥80	4920 lm

Order Code	Full Product Name	Init. Color Rendering Index	Initial luminous flux
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10 AL	≥80	5100 lm
912300024532	BSP530 LED60-4S/830 II DM50 D9 SRG10 AL	≥80	5100 lm
912300024533	BVP530 LED60-4S/830 II DM50 D9 SRG10 AL	≥80	5100 lm
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	≥80	5100 lm

Light Technical

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
910505016956	BPP530 GRN40-/830 II DW FGCO GR CLO-LS6H	0°	0°
912300024408	BPP530 LED60-4S/830 II DM50 D9 AL GR	-	-
912300024409	BPP530 LED60-4S/830 II DM D9 SRG10 AL GR	-	-
912300024410	BPP530 LED60-4S/830 II DM D9 SRT CTG-	-	-
912300024530	BPP532 LED60-4S/830 II DM50 D9 SRG10 AL	-	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
912300024531	BRP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-
912300024532	BSP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-
912300024533	BVP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-
912300024534	BGP530 LED60-4S/830 II DM50 D9 SRG10 AL	-	-

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