



CitySoul gen2 LED Large

BRP531 GRN145-/740 I DM FG CO GR D9 T35

CitySoul gen2 Large - LED GreenLine 14500 lm - Distribution medium - Flat glass

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 | | | |
|-------------------------------|--|-------------------------------|---|
| Number of light sources | 64 [64 pcs] | Embedded control | No [-] |
| Lamp family code | GRN145 [LED GreenLine 14500 lm] | Control interface | DALI |
| Light source colour | 740 neutral white | Light regulation | Dimming via external communication DALI |
| Light source replaceable | Yes | Electrical circuit protection | - |
| Number of gear units | 1 unit | Connection | No [-] |
| Driver/power unit/transformer | PSD [Power supply unit with DALI interface] | Cable | - |
| Driver included | Yes | Protection class IEC | Safety class I (I) |
| Optical cover/lens type | FG [Flat glass] | Parts colour | Cover painted |
| Luminaire light beam spread | 180° | Coating | - |
| | | Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] |

CitySoul gen2 LED Large

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|---|--|
| Flammability mark | NO [-] |
| CE mark | CE mark |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| Optic type outdoor | Distribution medium |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Constant light output | No |
| Spare parts available | Yes |
| Number of products on MCB (16 A type B) | 11 |
| Photobiological risk | Photobiological risk group 1 @ 200mm to EN62471 |
| EU RoHS compliant | Yes |
| WEEE mark | - |
| 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 | BRP531 [CitySoul gen2 Large] |

Light Technical

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|--------------------------------|------|
| Upward light output ratio | 0.03 |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |

Operating and Electrical

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|------------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Control signal voltage | 1-10 V DC |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power factor (min.) | 0.8 |

Controls and Dimming

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| Dimmable | Yes |
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Mechanical and Housing

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|--------------------|-------------------------|
| Housing material | Aluminum |
| Reflector material | - |
| Optic material | Polymethyl methacrylate |

| | |
|-------------------------------------|---|
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | Aluminium |
| Mounting device | 60S [Side-entry for diameter 60 mm] |
| Optical cover/lens shape | Convex lens |
| Optical cover/lens finish | Mask (anti-glare) |
| Overall length | 735 mm |
| Overall width | 628 mm |
| Overall height | 106 mm |
| Effective projected area | 0.029 m ² |
| Colour | Gray |
| Dimensions (height x width x depth) | 106 x 628 x 735 mm (4.2 x 24.7 x 28.9 in) |

Approval and Application

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| 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 up to 6 kV differential mode and 8 kV common mode |

Initial Performance (IEC Compliant)

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|--------------------------------|--------------------|
| Initial luminous flux | 11882 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 122 lm/W |
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour rendering index | >70 |
| Initial chromaticity | (0.38,0.37) SDCM<5 |
| Initial input power | 97 W |
| Power consumption tolerance | +/-10% |

Application Conditions

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|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
| Maximum dimming level | 20% |

Product Data

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|---------------------------------|---|
| Full product code | 871869661342900 |
| Order product name | BRP531 GRN145-/740 I DM FG CO GR D9 T35 |
| EAN/UPC – product | 8718696613429 |
| Order code | 61342900 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 910505016882 |
| SAP net weight (piece) | 18.000 kg |



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Dimensional drawing



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

