



CitySoul gen2 LED Large

BPP531 GRN60-/830 II DM FG AL GR

CitySoul gen2 Large - LED GreenLine 6000 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 | | Embedded control | No [-] |
|-------------------------------|--------------------------------|-------------------------------|---|
| Number of light sources | 40 [40 pcs] | Control interface | - |
| Lamp family code | GRN60 [LED GreenLine 6000 lm] | Light regulation | - |
| Light source colour | 830 warm white | Electrical circuit protection | - |
| Light source replaceable | Yes | Connection | No [-] |
| Number of gear units | 1 unit | Cable | - |
| Driver/power unit/transformer | PSU [Power supply unit] | Protection class IEC | Safety class II (II) |
| Driver included | Yes | Parts colour | All parts colored |
| Optical cover/lens type | FG [Flat glass] | Coating | - |
| Luminaire light beam spread | 180° | 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 |
| Outdoor optic type | 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 | 13 |
| Photobiological risk | Risk group 1 |
| EU RoHS compliant | Yes |
| WEEE mark | - |
| LED engine type | LED |
| Product Family Code | BPP531 [CitySoul gen2 Large] |

Light Technical

| | |
|--------------------------------|------|
| 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 | 46 A |
| Inrush time | 0.25 ms |
| Power factor (min.) | 0.8 |

Controls and Dimming

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|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|--|
| Housing material | Aluminum |
| Reflector material | - |
| Optic material | Polymethyl methacrylate |
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | Aluminium |
| Mounting device | 60/76 [Spigot for diameter 60-76 mm] |
| Optical cover/lens shape | Convex lens |

| | |
|-------------------------------------|--|
| Optical cover/lens finish | Mask (anti-glare) |
| Overall length | 720 mm |
| Overall width | 628 mm |
| Overall height | 99 mm |
| Effective projected area | 0.028 m ² |
| Colour | Gray |
| Dimensions (height x width x depth) | 99 x 628 x 720 mm (3.9 x 24.7 x 28.3 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 | 4942 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 116 lm/W |
| Init. Corr. Colour Temperature | 3000 K |
| Init. colour rendering index | >80 |
| Initial chromaticity | (0.43,0.40) SDCM<5 |
| Initial input power | 42.5 W |
| Power consumption tolerance | +/-10% |

Application Conditions

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|---------------------------|----------------|
| Ambient temperature range | -40 to +50 °C |
| Maximum dimming level | Not applicable |

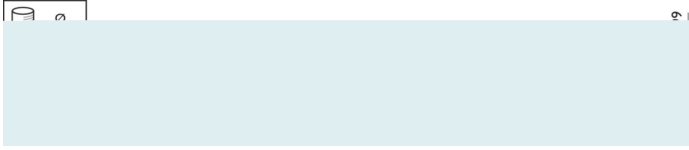
Product Data

| | |
|---------------------------------|----------------------------------|
| Full product code | 871869661352800 |
| Order product name | BPP531 GRN60-/830 II DM FG AL GR |
| EAN/UPC – product | 8718696613528 |
| Order code | 61352800 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 910505016892 |
| Net weight (piece) | 18.000 kg |



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Dimensional drawing



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

