



CitySoul gen2 LED Mini

BRP530 GRN100-/830 I DM FG CO GR D9 T35

CitySoul gen2 Mini, LED GreenLine 10000 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 | | Lighting Technology | |
|--------------------------|----------------------------------------------------------------------------------------------------|---------------------|-------------|
| Lamp family code | GRN100 [LED GreenLine 10000 lm] | Lighting Technology | LED |
| Light source replaceable | Yes | Value ladder | Performance |
| Number of gear units | 1 unit | Embedded control | - |
| Driver included | Yes | CE mark | Yes |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | Warranty period | 5 years |
| Light source engine type | LED | Flammability mark | - |
| Product family code | BRP530 [CitySoul gen2 Mini] | ENEC mark | ENEC mark |
| | | EU RoHS compliant | Yes |

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| Light Technical | |
|------------------------------------|---------------------|
| Upward light output ratio | 0.03 |
| Luminous Flux | 8,224 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 107 lm/W |
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Light source color | 830 warm white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 180° |
| Optic type outdoor | Distribution medium |

| Operating and Electrical | |
|------------------------------------------|--------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 45 A |
| Inrush time | 0.285 ms |
| Power Consumption | 77 W |
| Power Factor (Fraction) | 0.8 |
| Connection | - |
| Cable | - |
| Number of products on MCB of 16 A type B | 9 |

| Temperature | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |

| Controls and Dimming | |
|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

| Mechanical and Housing | |
|------------------------|-------------------------------------|
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | Polymethyl methacrylate |
| Optical cover material | Polymethyl methacrylate |
| Fixation material | Aluminum |
| Housing Color | Grey |
| Mounting device | Side-entry for diameter 48 to 60 mm |

| | |
|-------------------------------------|----------------------|
| Optical cover shape | Convex lens |
| Optical cover finish | Mask (anti-glare) |
| Overall length | 644 mm |
| Overall width | 538 mm |
| Overall height | 101 mm |
| Effective projected area | 0.025 m ² |
| Dimensions (Height x Width x Depth) | 101 x 538 x 644 mm |
| Parts color | Cover painted |

| Approval and Application | |
|----------------------------------------|------------------------------------------------------------------------------------|
| 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 until 6 kV differential mode and 8 kV common mode |
| Protection class IEC | Safety class I |

| Initial Performance (IEC Compliant) | |
|---------------------------------------|--------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43,0.40) SDCM<5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

| Over Time Performance (IEC Compliant) | |
|---------------------------------------|--------|
| Driver failure rate at 5000 h | 0.15 % |

| Application Conditions | |
|------------------------|-----|
| Maximum dim level | 20% |

| Product Data | |
|---------------------------------|-----------------------------------------|
| Order product name | BRP530 GRN100-/830 I DM FG CO GR D9 T35 |
| Full product name | BRP530 GRN100-/830 I DM FG CO GR D9 T35 |
| Full product code | 871869661411200 |
| Order code | 61411200 |
| Material Nr. (12NC) | 910505016953 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696614112 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696614112 |

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Dimensional drawing

