



GrandeVille LED

BPS962 LED49/840 LO CLO-DDF6 C4K

Grandville LED, LED GreenLine 4900 lm

Today's customers want luminaires that provide both energy efficiency and a visually-comfortable light effect. Philips GrandeVille LED luminaires offer the perfect combination of functional and aesthetical characteristics. A classic design, clean lines and robust materials make this LED lighting ideal for all urban settings. The luminaire is well shielded and delivers clear white light, creating a pleasant ambience at the same time as enabling good energy savings. GrandeVille LED luminaires (BPS962) are suitable for mounting on poles or wall brackets. They are also available with a choice of rotation-symmetric light distribution or asymmetric light distribution, which prevents undesired spill light from this classic street lighting. A cover is available in gray or white, which must be ordered separately.

Product data

| General Information | |
|--------------------------|--|
| Lamp family code | GRN49 [LED GreenLine 4900 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Remarks | *-Per Lighting Europe guidance paper |
| | "Evaluating performance of LED based |
| | luminaires - January 2018": statistically |
| | there is no relevant difference in lumen |
| | maintenance between B50 and for example |
| | B10. Therefore, the median useful life (B50) |
| | value also represents the B10 value. |
| Light source engine type | LED |
| Product family code | BPS962 [Grandville LED] |
| Lighting Technology | LED |
| | |

| Value ladder | Value |
|------------------------------------|--------------------------------------|
| Embedded control | Constant light output and DynaDimmer |
| | fixed presets version 6 |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | - |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Upward light output ratio | 0.15 |
| Luminous Flux | 1,984 lm |
| Standard tilt angle posttop | O° |
| Standard tilt angle side entry | O° |
| Correlated Color Temperature (Nom) | 4000 K |

Datasheet, 2023, December 28 data subject to change

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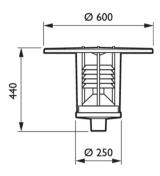
| Luminous Efficacy (rated) (Nom) | 65 lm/W |
|--|------------------------------|
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Light source color | 840 neutral white |
| Optical cover type | Polycarbonate bowl/cover |
| Luminaire light beam spread | - |
| Optic type outdoor | Symmetrical |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 30.6 W |
| Average CLO power consumption | 35 W |
| End CLO power consumption | 39.3 W |
| Inrush current | 12 A |
| Inrush time | 0.27 ms |
| Power Consumption | 30.6 W |
| Power Factor (Fraction) | 0.98 |
| Connection | Flying leads/wires |
| Cable | Cable 4.0 m without plug |
| Number of products on MCB of 16 A type B | 30 |
| | |
| Temperature | |
| Ambient temperature range | -30 to +25 °C |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |
| Control interface | - |
| Constant light output | Yes |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Aluminum |
| Housing Color | Gray |
| Mounting device | Post-top for diameter 60 mm |
| Optical cover shape | Cylinder/cylindrical |
| · · · · · · · · · · · · · · · · · · · | |
| Optical cover finish | Clear |

| Overall height | 440 mm |
|--|--|
| Overall diameter | 600 mm |
| Effective projected area | 0.09 m² |
| | |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Surge Protection (Common/Differential) | Philips standard surge protection level |
| Sustainability rating | - |
| Protection class IEC | Safety class II |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.3818, 0.3797) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| | |
| Over Time Performance (IEC Complia | ant) |
| Control gear failure rate at median useful | 10 % |
| life 100000 h | |
| Lumen maintenance at median useful life* | L100 |
| 50000 h | |
| Lumen maintenance at median useful life* | L100 |
| 100000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 ℃ |
| Maximum dim level | Not applicable |
| | |
| Product Data | |
| Order product name | BPS962 LED49/840 LO CLO-DDF6 C4K |
| Full product name | BPS962 LED49/840 LO CLO-DDF6 C4K |
| Full product code | 871829198580800 |
| Order code | 919008630324 |
| Material Nr. (12NC) | 919008630324 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291985808 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291985808 |
| | |

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Dimensional drawing







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