



GrandeVille LED

BPS962 LED34/840 A DF CLO-DDF6 C4K

Grandville LED, LED GreenLine 3400 lm, LED, 840 neutral white, Power supply unit regulating, 220 to 240 V, 50 to 60 Hz, Safety class II, Asymmetrical, Polycarbonate bowl/cover, Gray, Philips standard surge protection level, Cable 4.0 m without plug, Post-top for diameter 60 mm

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 aesthetic 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 | GRN34 [LED GreenLine 3400 lm] | | B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Light source replaceable | Yes | Light source engine type | LED |
| Number of gear units | 1 unit | Product family code | BPS962 [Grandville LED] |
| Driver included | Yes | Lighting Technology | LED |
| 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 | Value ladder | Value |
| | | CE mark | Yes |
| | | Warranty period | 5 years |
| | | Flammability mark | - |
| | | ENEC mark | - |

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|-------------------|-----|
| EU RoHS compliant | Yes |
|-------------------|-----|

Light Technical

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|------------------------------------|--------------------------|
| Upward light output ratio | 0.2 |
| Luminous Flux | 1,429 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 68 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 840 neutral white |
| Optical cover type | Polycarbonate bowl/cover |
| Luminaire light beam spread | - |
| Optic type outdoor | Asymmetrical |

Operating and Electrical

| | |
|--|--------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 20.9 W |
| Average CLO power consumption | 23.9 W |
| End CLO power consumption | 26.9 W |
| Inrush current | 12 A |
| Inrush time | 0.27 ms |
| Power Consumption | 20.9 W |
| Power Factor (Fraction) | 0.97 |
| 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

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|-------------------------------|------------------------------|
| 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)

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|---------------------------------------|--------------------------|
| 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 Compliant)

| | |
|--|------|
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 50000 h | L100 |
| Lumen maintenance at median useful life* 100000 h | L100 |

Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |

Product Data

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|---------------------------------|------------------------------------|
| Order product name | BPS962 LED34/840 A DF CLO-DDF6 C4K |
| Full product name | BPS962 LED34/840 A DF CLO-DDF6 C4K |
| Full product code | 871869625367000 |
| Order code | 919008630817 |
| Material Nr. (12NC) | 919008630817 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696253670 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696253670 |

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Dimensional drawing

