



Mini500 G3

BBP500 G2X LED140/NW PIR S-WB

840 neutral white - Wide beam

The Mini 500 G3 is designed for petrol-station canopies and low/high-bay applications, this ultra-efficient retrofit fixture offers outstanding light quality, effective thermal management and a long lifespan. For further energy savings, you could select either simple movement-detector sensor or movement detection combined with a daylight sensor.

Product data

| General Information | |
|-------------------------------|--|
| Light source colour | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | PSR [Power supply unit regulating] |
| Driver included | Yes |
| Optic type | WB [Wide beam] |
| Optical cover/lens type | GT [Tempered glass] |
| Luminaire light beam spread | 110° |
| Control interface | - |
| Connection | Flying leads/wires |
| Cable | Cable 0.3 m without plug |
| Protection class IEC | Safety class I (I) |
| Glow-wire test | 650/5 [Temperature 650 °C, duration 5 s] |
| Flammability mark | F [For mounting on normally flammable surfaces] |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 3 years |
| Constant light output | No |

| Number of products on MCB (16 A type B) 4 | |
|---|-------------------|
| Light source engine type | LED |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Inrush current | 46 A |
| Inrush time | 440 ms |
| Power factor (min.) | 0.95 |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Housing material | Aluminum die-cast |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Tempered glass |
| Fixation material | - |
| Optical cover/lens finish | Clear |

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| | |
|----------------|--------|
| Overall length | 400 mm |
| Overall width | 400 mm |
| Colour | White |

Approval and Application

| | |
|------------------------------|---|
| Ingress protection code | IP54 [Dust accumulation-protected, splash-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |

Initial Performance (IEC Compliant)

| | |
|-------------------------------------|-------------------|
| Initial luminous flux (system flux) | 14000 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 140 lm/W |
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour rendering index | >80 |
| Initial chromaticity | (0.38.0.38)SDCM<5 |
| Initial input power | 100 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

| | |
|---------------------------|---------|
| Median useful life L80B50 | 40000 h |
| Median useful life L90B50 | 30000 h |

Application Conditions

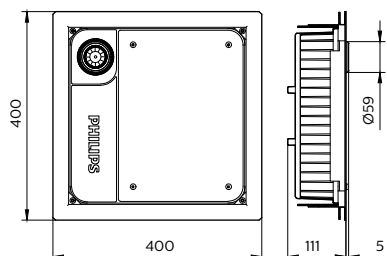
| | |
|-------------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
| Maximum dimming level | 25% |
| Suitable for random switching | Yes |

Product Data

| | |
|-----------------------------------|-------------------------------|
| Full product code | 911401533251 |
| Order product name | BBP500 G2X LED140/NW PIR S-WB |
| Order code | 01533251 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 911401533251 |
| SAP net weight (piece) | 8.099 kg |



Dimensional drawing



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