



Mini500 G3

BBP500 G2 LED140/NW PSU A-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 | |
|-------------------------------|--|
| Beam angle of light source | - ° |
| Lamp colour code | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | PSU [Power supply unit] |
| Driver included | Yes |
| Optic type | WB [Wide beam] |
| Optical cover/lens type | GT [Tempered glass] |
| Luminaire light beam spread | 83° x 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 |
| EU RoHS compliant | No |
| 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 | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|-------------------|
| Housing material | Aluminum die-cast |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Tempered glass |

Mini500 G3

| | |
|---------------------------|--------|
| Fixation material | - |
| Optical cover/lens finish | Clear |
| Overall length | 400 mm |
| Overall width | 400 mm |
| Colour | White |

Approval and Application

| | |
|------------------------------|---|
| Ingress protection code | IP65 [Dust penetration-protected, jet-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 |
| Lamp colour temperature | 4000 K |
| 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 |
|---------------------------|---------|

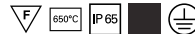
| | |
|---------------------------|---------|
| Median useful life L80B50 | 40000 h |
| Median useful life L90B50 | 30000 h |

Application Conditions

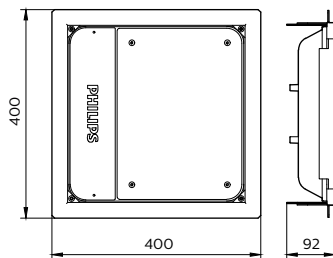
| | |
|-------------------------------|----------------|
| Ambient temperature range | -40 to +45 °C |
| Maximum dimming level | Not applicable |
| Suitable for random switching | No |

Product Data

| | |
|-----------------------------------|------------------------------|
| Full product code | 911401532051 |
| Order product name | BBP500 G2 LED140/NW PSU A-WB |
| Order code | 911401532051 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 911401532051 |
| SAP net weight (piece) | 6.099 kg |



Dimensional drawing



Mini500 G2 BBP500/BCP500/BGP500

