



Mini500 G3

BBP500 G2 LED125/NW PSU S-WB

Mini500 G3, 90 W, 12500 lm, 4000 K, 110°

Mini 500 G3 is designed for petrol-station canopies and low/high-bay applications, this ultra-efficient retrofit fixtures offer 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 replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| CE mark | CE mark |
| Warranty period | 3 years |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | - |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | No |
| | |
| Light Technical | |
| Luminous Flux | 12,500 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 139 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | - degree(s) |
| Light source color | 840 neutral white |
| <u> </u> | |

| Optic type | Wide beam | |
|--|--------------------------|--|
| Optical cover type | Tempered glass | |
| Luminaire light beam spread | 110° | |
| | | |
| Operating and Electrical | | |
| Input Voltage | 220 to 240 V | |
| Line Frequency | 50 to 60 Hz | |
| Inrush current | 46 A | |
| Inrush time | 440 ms | |
| Power Consumption | 90 W | |
| Power Factor (Fraction) | 0.95 | |
| Connection | Flying leads/wires | |
| Cable | Cable 0.3 m without plug | |
| Number of products on MCB of 16 A type B 4 | | |
| | | |
| Temperature | | |
| Ambient temperature range | -40 to +45 °C | |
| | | |
| Controls and Dimming | | |
| Dimmable | No | |

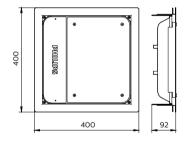
Datasheet, 2023, April 14 data subject to change

Mini500 G3

| Driver/power unit/transformer | Power supply unit (On/Off) |
|-------------------------------------|--|
| Control interface | - |
| Constant light output | No |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Tempered glass |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Clear |
| Overall length | 400 mm |
| Overall width | 400 mm |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| Protection class IEC | Safety class I |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38.0.38)SDCM<5 |
| Power consumption tolerance | +/-10% |
| | |

| Over Time Performance (IEC Compliant) | |
|---------------------------------------|------------------------------|
| Driver failure rate at 5000 h | 0.01 % |
| Median useful life L70B50 | 50,000 hour(s) |
| Median useful life L80B50 | 40,000 hour(s) |
| Median useful life L90B50 | 30,000 hour(s) |
| | |
| Application Conditions | |
| Maximum dim level | Not applicable |
| Suitable for random switching | No |
| | |
| Product Data | |
| Order product name | BBP500 G2 LED125/NW PSU S-WB |
| Full product name | BBP500 G2 LED125/NW PSU S-WB |
| Full product code | 872016954665300 |
| Order code | 911401538751 |
| Material Nr. (12NC) | 911401538751 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169546653 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169546653 |
| | |

Dimensional drawing





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