



Mini500 G3

BBP500 G2 LED84/CW PSU S-MB

Mini500 G3, 60 W, 8400 lm, 6500 K, 90°

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 | 8,400 lm | |
| Correlated Color Temperature (Nom) | 6500 K | |
| Luminous Efficacy (rated) (Nom) | 140 lm/W | |
| Color rendering index (CRI) | >80 | |
| Beam angle of light source | - degree(s) | |
| Light source color | 865 cool daylight | |

| Optic type | Medium beam | |
|--|--------------------------|--|
| Optical cover type | Tempered glass | |
| Luminaire light beam spread | 90° | |
| | | |
| 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 | 60 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 | 4 | |
| В | | |
| | | |
| Temperature | | |
| Ambient temperature range | 10 to + 15 %C | |

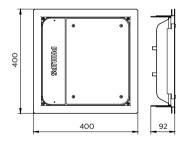
Ambient temperature range

-40 to +45 °C

Mini500 G3

| | Initial chromaticity | (0.313.0.324)SDCM<5 |
|--|--|---|
| No | Power consumption tolerance | +/-10% |
| Power supply unit (On/Off) | | |
| - | Over Time Performance (IEC Compliant) | |
| No | Driver failure rate at 5000 h | 0.01 % |
| | Median useful life L70B50 | 50,000 hour(s) |
| | Median useful life L80B50 | 40,000 hour(s) |
| Aluminum die cast | Median useful life L90B50 | 30,000 hour(s) |
| - | | |
| Polycarbonate | Application Conditions | |
| Tempered glass | Maximum dim level | Not applicable |
| - | Suitable for random switching | No |
| White | | |
| Clear | Product Data | |
| 400 mm | Order product name | BBP500 G2 LED84/CW PSU S-MB |
| Overall width 400 mm | Full product name | BBP500 G2 LED84/CW PSU S-MB |
| | Full product code | 911401533451 |
| | Order code | 911401533451 |
| IP65 [Dust penetration-protected, jet-proof] | Material Nr. (12NC) | 911401533451 |
| IK07 [2 J reinforced] | Numerator - Quantity Per Pack | 1 |
| Safety class I | Numerator - Packs per outer box | 1 |
| | Power supply unit (On/Off) - No Aluminum die cast - Polycarbonate Tempered glass - White Clear 400 mm 400 mm IP65 [Dust penetration-protected, jet-proof] IK07 [2 J reinforced] | Power supply unit (On/Off) - No Driver failure rate at 5000 h Median useful life L70B50 Median useful life L80B50 Aluminum die cast - Polycarbonate Tempered glass - Vhite Clear 400 mm 400 mm Full product Data Order product name Full product code Order code IP65 [Dust penetration-protected, jet-proof] IK07 [2 J reinforced] |

Dimensional drawing





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www.lighting.philips.com 2023, May 16 - data subject to change