



Mini500 G3

BGP500 G2 LED125/NW PSU A-WB

Mini500 G3, 90 W, 12500 lm, 4000 K, 83° x 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 |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| Glow-wire test Light Technical | Temperature 650 °C, duration 5 s |
| | Temperature 650 °C, duration 5 s |
| Light Technical | |
| Light Technical Luminous Flux | 12,500 lm |
| Light Technical Luminous Flux Correlated Color Temperature (Nom) | 12,500 lm 4000 K |
| Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) | 12,500 lm 4000 K 139 lm/W |
| Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI) | 12,500 lm 4000 K 139 lm/W >80 |

| Luminaire light beam spread | 83° x 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 +50 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |

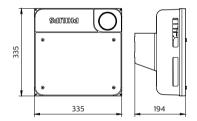
Datasheet, 2023, April 14 data subject to change

Mini500 G3

| 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 | 335 mm |
| Overall width | 335 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) | |
|---------------------------------------|--|
| 0.01 % | |
| 50,000 hour(s) | |
| 40,000 hour(s) | |
| 30,000 hour(s) | |
| | |
| | |
| Not applicable | |
| No | |
| | |
| | |
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Dimensional drawing





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