



Mini500 G3

BBP500 G2X LED140/CW PIR S-MB

Mini500 G3, 100 W, 14000 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 |
| Light Technical | |
| Luminous Flux | 14,000 lm |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 140 lm/W |
| Color rendering index (CRI) | >80 |
| 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 | 100 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 | -20 to +45 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating |

Mini500 G3

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|-----------------------|----|
| 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

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

Initial Performance (IEC Compliant)

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|-------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.313;0.324)SDCM<5 |

| | |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

Over Time Performance (IEC Compliant)

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|-------------------------------|----------------|
| 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

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|-------------------------------|-----|
| Maximum dim level | 25% |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|-------------------------------|
| Order product name | BBP500 G2X LED140/CW PIR S-MB |
| Full product name | BBP500 G2X LED140/CW PIR S-MB |
| Full product code | 911401532951 |
| Order code | 911401532951 |
| Material Nr. (12NC) | 911401532951 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing

