

# Mini500 G3

## BBP500 G2 LED125/NW ACD2 IS S-WB

Mini500 G3, 90 W, 12500 lm, 4000 K, DALI, 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 |

| 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 |
| **Light source color** | 840 neutral white |
| **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** | 53 A |
| **Inrush time** | 300 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** | 6 |

| Temperature | |
|---|---|
| **Ambient temperature range** | -20 to +40 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | Yes |
| **Driver/power unit/transformer** | Power supply unit with DALI interface |
| **Control interface** | DALI |

# 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** | 400 mm |
| **Overall width** | 400 mm |

## Approval and Application

| | |
|---|---|
| **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)

| | |
|---|---|
| **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) |

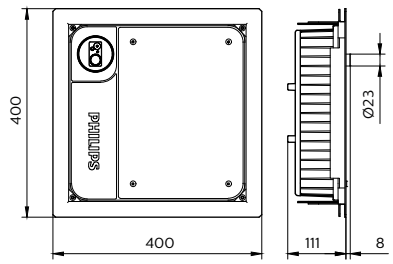
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | 10% |
| **Suitable for random switching** | Yes |

## Product Data

| | |
|---|---|
| **Order product name** | BBP500 G2 LED125/NW ACD2 IS S-WB |
| **Full product name** | BBP500 G2 LED125/NW ACD2 IS S-WB |
| **Full product code** | 911401538951 |
| **Order code** | 911401538951 |
| **Material Nr. (12NC)** | 911401538951 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |

## Dimensional drawing




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