



# Mini500 G3

## BBP500 G2 LED140/NW PSU S-WB

Mini500 G3, 100 W, 14000 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                      | 14,000 lm                                   |
| Correlated Color Temperature (Nom) | 4000 K                                      |
| Luminous Efficacy (rated) (Nom)    | 140 lm/W                                    |
| Color rendering index (CRI)        | >80   |
| Beam angle of light source         | - degree(s)                                 |
| 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                             | 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                  | -40 to +45 °C            |
| Controls and Dimming                       |                          |
| Dimmable                                   | No                       |

## 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 LED140/NW PSU S-WB |
| Full product name               | BBP500 G2 LED140/NW PSU S-WB |
| Full product code               | 872016951973200              |
| Order code                      | 911401532251                 |
| Material Nr. (12NC)             | 911401532251                 |
| Numerator - Quantity Per Pack   | 1                            |
| EAN/UPC - Product/Case          | 8720169519732                |
| Numerator - Packs per outer box | 1                            |
| EAN/UPC - Case                  | 8720169519732                |

## Dimensional drawing

