



# Mini500 G3

## BCP500 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            |
| 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   |
| 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 B | 4                          |
| Temperature                              |                            |
| Ambient temperature range                | -40 to +45 °C              |
| Controls and Dimming                     |                            |
| Dimmable                                 | No                         |
| Driver/power unit/transformer            | Power supply unit (On/Off) |

## Mini500 G3

|                       |    |
|-----------------------|----|
| 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         | 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    | (0.313.0.324)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              | BCP500 G2 LED84/CW PSU S-MB |
| Full product name               | BCP500 G2 LED84/CW PSU S-MB |
| Full product code               | 911401536651                |
| Order code                      | 911401536651                |
| Material Nr. (12NC)             | 911401536651                |
| Numerator - Quantity Per Pack   | 1                           |
| Numerator - Packs per outer box | 1                           |

## Dimensional drawing

