



# Mini500 G3

## BCP500 G2 LED140/CW PSU A-WB

865 cool daylight - Wide beam

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 color            | 865 cool daylight                                |
| Light source replaceable      | No   |
| Number of gear units          | 1 unit   |
| Driver/power unit/transformer | PSU [ Power supply unit]                         |
| Driver included               | Yes  |
| Optic type                    | WB [ Wide beam]                                  |
| Optical cover/lens type       | GT [ Tempered glass]                             |
| Luminaire light beam spread   | 83° x 110°                                       |
| Control interface             | -  |
| Connection                    | Flying leads/wires                               |
| Cable                         | Cable 0.3 m without plug                         |
| Protection class IEC          | Safety class I (I)                               |
| Glow-wire test                | 650/5 [ Temperature 650 °C, duration 5 s]        |
| Flammability mark             | F [ For mounting on normally flammable surfaces] |
| CE mark                       | CE mark  |
| ENEC mark                     | -  |
| Warranty period               | 3 years  |
| Constant light output         | No   |

| Number of products on MCB of 16 A type | 4                 |
|--|-------------------|
| B                                      |                   |
| Light source engine type               | LED               |
| Operating and Electrical               |                   |
| Input Voltage                          | 220 to 240 V      |
| Input Frequency                        | 50 to 60 Hz       |
| Inrush current                         | 46 A              |
| Inrush time                            | 440 ms            |
| Power Factor (Min)                     | 0.95              |
| Controls and Dimming                   |                   |
| Dimmable                               | No                |
| Mechanical and Housing                 |                   |
| Housing Material                       | Aluminum die-cast |
| Reflector material                     | -                 |
| Optic material                         | Polycarbonate     |
| Optical cover/lens material            | Tempered glass    |
| Fixation material                      | -                 |

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|                           |        |
|---------------------------|--------|
| Optical cover/lens finish | Clear  |
| Overall length            | 335 mm |
| Overall width             | 335 mm |
| Color                     | White  |

### Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [ 2 J reinforced]                        |

### Initial Performance (IEC Compliant)

|                                     |                     |
|-------------------------------------|---------------------|
| Initial luminous flux (system flux) | 14000 lm            |
| Luminous flux tolerance             | +/-10%              |
| Initial LED luminaire efficacy      | 140 lm/W            |
| Init. Corr. Color Temperature       | 6500 K              |
| Init. Color Rendering Index         | >80                 |
| Initial chromaticity                | (0.313.0.324)SDCM<5 |
| Initial input power                 | 100 W               |
| Power consumption tolerance         | +/-10%              |

### Over Time Performance (IEC Compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

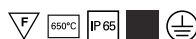
|                           |         |
|---------------------------|---------|
| Median useful life L80B50 | 40000 h |
| Median useful life L90B50 | 30000 h |

### Application Conditions

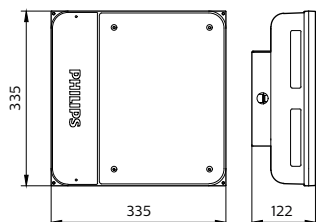
|                               |                |
|-------------------------------|----------------|
| Ambient temperature range     | -40 to +45 °C  |
| Maximum dim level             | Not applicable |
| Suitable for random switching | No             |

### Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Full product code               | 911401534951                 |
| Order product name              | BCP500 G2 LED140/CW PSU A-WB |
| Order code                      | 911401534951                 |
| Numerator - Quantity Per Pack   | 1                            |
| Numerator - Packs per outer box | 1                            |
| Material Nr. (12NC)             | 911401534951                 |
| Net Weight (Piece)              | 6.099 kg                     |



## Dimensional drawing



BCP500 G2 LED140/CW PSU A-WB

