



# **Mini500 G3**

# BCP500 G2 LED140/CW ACD2 IS S-WB

Mini500 G3, 100 W, 14000 lm, 6500 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       |
| Glow-wire test   | Temperature 650 °C, duration 5 s       |
| Glow-wire test  Light Technical  | Temperature 650 °C, duration 5 s       |
|  | Temperature 650 °C, duration 5 s       |
| Light Technical  |  |
| Light Technical Luminous Flux  | 14,000 lm                              |
| Light Technical Luminous Flux Correlated Color Temperature (Nom)   | 14,000 lm<br>6500 K                    |
| Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)                             | 14,000 lm<br>6500 K<br>140 lm/W        |
| Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI) | 14,000 lm<br>6500 K<br>140 lm/W<br>>80 |

| 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                      | 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 | 6                                     |
| В                                      |                                       |
|  |                                       |
| Temperature                            |                                       |
| Ambient temperature range              | -20 to +40 °C                         |
|  |                                       |
| Controls and Dimming                   |                                       |
| Dimmable                               | Yes                                   |
| Driver/power unit/transformer          | Power supply unit with DALI interface |
| ·                                      | ·                                     |

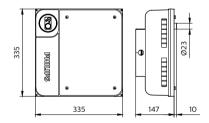
Datasheet, 2023, April 29 data subject to change

## Mini500 G3

| Control interface                   | DALI                                       |
|-------------------------------------|--|
| 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             | 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                | (0.313.0.324)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                     | 10%                              |
| Suitable for random switching         | Yes                              |
|                                       |                                  |
| Product Data                          |                                  |
| Order product name                    | BCP500 G2 LED140/CW ACD2 IS S-WB |
| Full product name                     | BCP500 G2 LED140/CW ACD2 IS S-WB |
| Full product code                     | 911401535651                     |
| Order code                            | 911401535651                     |
| Material Nr. (12NC)                   | 911401535651                     |
| Numerator - Quantity Per Pack         | 1                                |
| Numerator - Packs per outer box       | 1                                |

### Dimensional drawing





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