



GreenPerform Canopy Mini500 G4

BCP500 G4 LED190/850 PSU S-MB JP

GreenPerform Canopy Mini500 G4, 119 W, 19000 lm, 5000 K, 93°

The Philips GreenPerform Canopy Mini500 Gen4 lives up to the GreenPerform family's enviable reputation for reliable performance. Not only does this next-generation, energy-saving LED deliver leading system efficacy and extended long-term quality, it also offers a versatile selection of optics, connectivity, controls and installation options. So you can create the ideal lighting conditions for any space, at any time. The GreenPerform Canopy portfolio also includes a series that is ideal for canopy lighting in food applications. For professionals who demand high-performance, connected lighting for their lighting installations, this robust, optimized, and versatile family of LED canopy luminaires is the perfect choice for both indoor and outdoor canopy applications.

Product data

| General Information | | Correlated Color Temperature (Nom) | |
|--------------------------|-------------|------------------------------------|-------------------|
| Number of gear units | 1 unit | Correlated Color Temperature (Nom) | 5000 K |
| Gear | - | Luminous Efficacy (rated) (Nom) | 160 lm/W |
| Driver included | Yes | Color rendering index (CRI) | 80 |
| Light source engine type | LED | Number of light sources | 304 |
| Service tag | Yes | Beam angle of light source | 92 degree(s) |
| Value ladder | Performance | Light source color | 850 neutral white |
| Warranty period | 3 years | Optic type | Symmetrical |
| Light Technical | | Luminaire light beam spread | 93° |
| Luminous Flux | 19,000 lm | Unified glare rating CEN | 28 |
| | | Effective projected area | 0 m ² |

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Operating and Electrical

| | |
|--|--------------------------|
| Input Voltage | 200 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 41.6 A |
| Inrush time | 0.665 ms |
| Power Consumption | 119 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 | 5 |
| Suitable for random switching | Yes |
| Protection class IEC | Safety class I |

Controls and Dimming

| | |
|-------------------|----------------|
| Dimmable | No |
| Control interface | - |
| Maximum dim level | Not applicable |

Mechanical and Housing

| | |
|-------------------------------------|--|
| Housing Material | Aluminum die cast |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Glass |
| Housing Color | Aluminum and white |
| Mounting device | Recessed/ Surface/ Suspended |
| Optical cover finish | Clear |
| Overall length | 335 mm |
| Overall width | 153 mm |
| Overall height | 335 mm |
| Overall diameter | 0 mm |
| Dimensions (Height x Width x Depth) | 335 x 153 x 335 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| Optical cover type | Clear glass |
| Net Weight (Piece) | 6.900 kg |

Approval and Application

| | |
|------------------------------------|---|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | No |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 1 @ 200mm to EN62471 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | No |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -30 °C to 45 °C |

UV

| | |
|---------------------------------|---------------------|
| UV-C radiation | 0 W |
| UV-C irradiance defined at 0.2m | 0 mW/m ² |

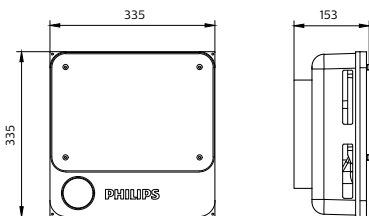
Initial Performance (IEC Compliant)

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|-----------------------------|------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.3435, 0.3553) |
| Power consumption tolerance | +/-10% |

Product Data

| | |
|---------------------------------|----------------------------------|
| Order product name | BCP500 G4 LED190/850 PSU S-MB JP |
| Full product name | BCP500 G4 LED190/850 PSU S-MB JP |
| Full product code | 872016975595600 |
| Order code | 911401638209 |
| Material Nr. (12NC) | 911401638209 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169755956 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169755956 |

Dimensional drawing



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