



GreenPerform Canopy Mini500 G4

BBP500 G4 LED125/CW L1S H S-MB

GreenPerform Canopy Mini500 G4, 84 W, 12869 lm, 6500 K, 90°

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		Operating and Electrical	
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	153 lm/W
Gear	-	Color rendering index (CRI)	80
Driver included	Yes	Number of light sources	220
Light source engine type	LED	Beam angle of light source	120 degree(s)
Service tag	Yes	Light source color	865 cool daylight
Value ladder	Performance	Optic type	Symmetrical
Warranty period	3 years	Luminaire light beam spread	90°
		Effective projected area	0 m ²
Light Technical		Operating and Electrical	
Luminous Flux	12,869 lm	Input Voltage	222 to 240 V
Correlated Color Temperature (Nom)	6500 K	Line Frequency	50 or 60 Hz

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Inrush current	46 A
Inrush time	0.44 ms
Power Consumption	84 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.3 m with connector 3-pole
Number of products on MCB of 16 A type B 11	
Suitable for random switching	Yes (relates to presence/ movement detection)
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Control interface	-
Maximum dim level	50%

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Tempered glass
Housing Color	Aluminum and white
Mounting device	Recessed/ Surface/ Suspended
Optical cover finish	Clear
Overall length	427 mm
Overall width	400 mm
Overall height	117 mm
Overall diameter	0 mm
Dimensions (Height x Width x Depth)	117 x 400 x 427 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Clear glass
Net Weight (Piece)	7.040 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	No
Performance ambient temperature Tq	35 °C
Ambient temperature range	-20 to +45 °C

UV

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

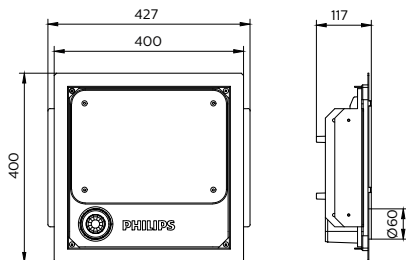
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3123, 0.3282) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	BBP500 G4 LED125/CW L1S H S-MB
Full product name	BBP500 G4 LED125/CW L1S H S-MB
Order code	911401562542
Material Nr. (12NC)	911401562542
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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