Mini500 G3

BCP500 G2 LED84/NW PSU S-WB

840 neutral white - Wide beam

The Mini 500 G3 is designed for petrol-station canopies and low/high-bay applications, this ultra-efficient retrofit fixture offers 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	
Lamp colour code	840 neutral white
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	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 (16 A type B)	4
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	-
Optical cover/lens finish	Clear

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Overall length	335 mm
Overall width	335 mm
Colour	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)	8400 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38.0.38)SDCM<5
Initial input power	60 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

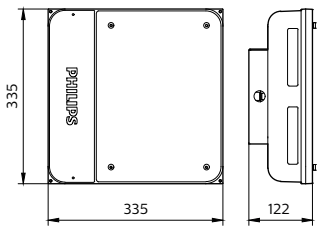
Application Conditions

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

Product Data

Full product code	911401537051
Order product name	BCP500 G2 LED84/NW PSU S-WB
Order code	911401537051
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401537051
SAP net weight (piece)	6.099 kg

Dimensional drawing



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