PHILIPS

Lighting



Mini500 G3

BCP500 G2 LED84/CW PSU S-MB

Mini500 G3, 60 W, 8400 lm, 6500 K, 90°

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

Light Technical	
Luminous Flux	8,400 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optic type	Medium beam
Optical cover type	Tempered glass
Luminaire light beam spread	90°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	440 ms
Power Consumption	60 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	4

Temperature	
Ambient temperature range	-40 to +45 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)

Mini500 G3

Control interface	-
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	IP65 [Dust penetration-protected, jet-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)

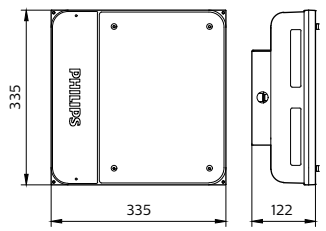
Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	BCP500 G2 LED84/CW PSU S-MB
Full product name	BCP500 G2 LED84/CW PSU S-MB
Full product code	911401536651
Order code	911401536651
Material Nr. (12NC)	911401536651
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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