



Mini500 G3

BBP500 G2 LED84/NW PSU S-WB

840 neutral white - Wide beam

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	
Beam angle of light source	- °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	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
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	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 of 16 A type B	4
EU RoHS compliant	No
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
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Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass

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Fixation material	-
Optical cover/lens finish	Clear
Overall length	400 mm
Overall width	400 mm
Color	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
Init. Corr. Color Temperature	4000 K
Init. Color 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)

Driver failure rate at 5000 h	0.01 %
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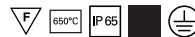
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application conditions

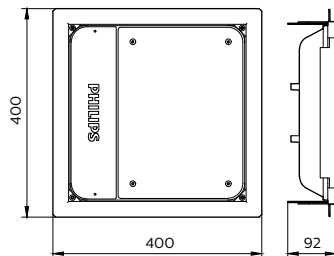
Ambient temperature range	-40 to +45 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product data

Full product code	911401533851
Order product name	BBP500 G2 LED84/NW PSU S-WB
Order code	911401533851
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401533851
Net Weight (Piece)	6.099 kg



Dimensional drawing



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