



# Mini500 G3

## BBP500 G2 LED125/NW PSU S-MB

840 neutral white - Medium 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	
Beam angle of light source	- °
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	MB [ Medium beam]
Optical cover/lens type	GT [ Tempered glass]
Luminaire light beam spread	90°
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
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
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)	12500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	139 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38.0.38)SDCM<5
Initial input power	90 W
Power consumption tolerance	+/-10%

### Over time performance (IEC compliant)

Driver failure rate at 5,000 hours	0.01 %
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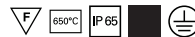
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

### Application conditions

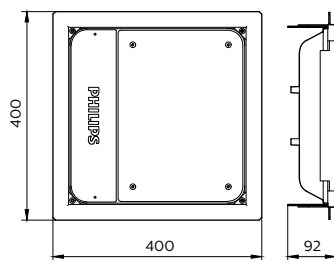
Ambient temperature range	-40 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

### Product data

Full product code	911401538651
Order product name	BBP500 G2 LED125/NW PSU S-MB
Order code	911401538651
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401538651
Net Weight (Piece)	6.099 kg



## Dimensional drawing



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