



# Mini500 G3

## BGP500 G2 LED125/NW PSU A-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	
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	83° x 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	
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

## Mini500 G3

Overall length	335 mm
Overall width	335 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)	12500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	139 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color 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 5000 h	0.01 %
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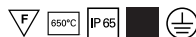
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

### Application conditions

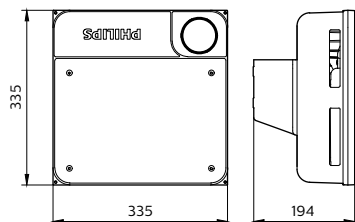
Ambient temperature range	-40 to +50 °C
Maximum dim level	Not applicable
Suitable for random switching	No

### Product data

Full product code	911401540351
Order product name	BGP500 G2 LED125/NW PSU A-WB
Order code	911401540351
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401540351
Net Weight (Piece)	7.399 kg



## Dimensional drawing



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