



Mini500 G3

BGP500 G2 LED180/CW PSU A-WB

865 cool daylight - 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	865 cool daylight
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	83° x 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 of 16 A type	4
B	
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	-

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Optical cover/lens finish	Clear
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)	18000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	129 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.313,0.324)SDCM<5
Initial input power	140 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

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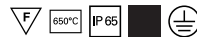
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application conditions

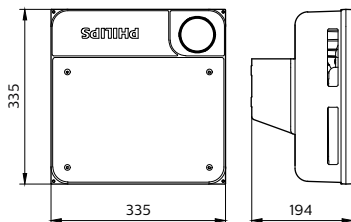
Ambient temperature range	-40 to +50 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product data

Full product code	911401538351
Order product name	BGP500 G2 LED180/CW PSU A-WB
Order code	911401538351
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401538351
Net Weight (Piece)	7.399 kg



Dimensional drawing



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