



# **Mini500 G3**

# BBP500 G2 LED180/NW PSU A-WB

Mini500 G3, 140 W, 18000 lm, 4000 K, 83° x 110°

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
EU RoHS compliant	No
Light Technical	
Luminous Flux	18,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral white
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Optic type	Wide beam	
Optical cover type	Tempered glass	
Luminaire light beam spread	83° x 110°	
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	140 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	

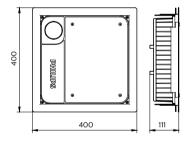
Datasheet, 2023, May 16 data subject to change

## Mini500 G3

Driver/power unit/transformer	Power supply unit (On/Off)
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	400 mm
Overall width	400 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	(0.38.0.38)SDCM<5

Power consumption tolerance	+/-10%	
rower consumption toterance	.7-1076	
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	BBP500 G2 LED180/NW PSU A-WB	
Full product name	BBP500 G2 LED180/NW PSU A-WB	
Full product code	911401534251	
Order code	911401534251	
Material Nr. (12NC)	911401534251	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

### Dimensional drawing





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