



# **Mini500 G3**

## BBP500 G2 LED140/CW PSU A-WB

Mini500 G3, 100 W, 14000 lm, 6500 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	14,000 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	140 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	- degree(s)		
Light source color	865 cool daylight		

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	100 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	4	
В		
Temperature		
Anabiant tanan anatura yan sa	40 to . 45 %	

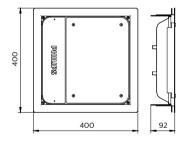
Ambient temperature range

-40 to +45 °C

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Controls and Dimming		Initial chromaticity	(0.313.0.324)SDCM<5
Dimmable	No	Power consumption tolerance	+/-10%
Driver/power unit/transformer	Power supply unit (On/Off)		
Control interface	-	Over Time Performance (IEC Compliant)	
Constant light output	No	Driver failure rate at 5000 h	0.01 %
		Median useful life L70B50	50,000 hour(s)
Mechanical and Housing		Median useful life L80B50	40,000 hour(s)
Housing Material	Aluminum die cast	Median useful life L90B50	30,000 hour(s)
Reflector material	-		
Optic material	Polycarbonate	Application Conditions	
Optical cover material	Tempered glass	Maximum dim level	Not applicable
Fixation material	-	Suitable for random switching	No
Housing Color	White		
Optical cover finish	Clear	Product Data	
Overall length	400 mm	Order product name	BBP500 G2 LED140/CW PSU A-WB
Overall width	400 mm	Full product name	BBP500 G2 LED140/CW PSU A-WB
		Full product code	911401531751
Approval and Application		Order code	911401531751
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	Material Nr. (12NC)	911401531751
Mech. impact protection code	IK07 [2 J reinforced]	Numerator - Quantity Per Pack	1
Protection class IEC	Safety class I	Numerator - Packs per outer box	1
Initial Performance (IEC Compliant)			
Luminous flux tolerance	+/-10%		

### Dimensional drawing





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