



Mini500 G3

BBP500 G2 LED180/CW PSU S-MB

Mini500 G3, 140 W, 18000 lm, 6500 K, 90°

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)	6500 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	865 cool daylight

Optic type	Medium beam
Optical cover type	Tempered glass
Luminaire light beam spread	90°
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	4
В	
Temperature	
Ambient temperature range	-40 to +45 °C

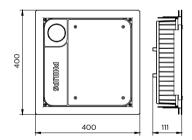
Datasheet, 2023, May 16 data subject to change

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Controls and Dimming	
Dimmable	No
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 (0.313.0.324)SDCM<5 Power consumption tolerance +/-10%		
Power consumption tolerance +/-10%		
/ 12-12		
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/CW PSU S-MB		
Full product name BBP500 G2 LED180/CW PSU S-MB		
Full product code 911401534051		
Order code 911401534051		
Material Nr. (12NC) 911401534051		
Numerator - Quantity Per Pack 1		

Dimensional drawing





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