



Mini500 G3

BBP500 G2X LED140/NW PIR S-MB

Mini500 G3, 100 W, 14000 lm, 4000 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
Glow-wire test	Temperature 650 °C, duration 5 s
Glow-wire test Light Technical	Temperature 650 °C, duration 5 s
	Temperature 650 °C, duration 5 s
Light Technical	
Light Technical Luminous Flux	14,000 lm
Light Technical Luminous Flux Correlated Color Temperature (Nom)	14,000 lm 4000 K
Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	14,000 lm 4000 K 140 lm/W
Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI)	14,000 lm 4000 K 140 lm/W >80

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	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 B 4		
Temperature		
Ambient temperature range	-20 to +45 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	-	

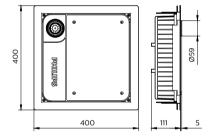
Datasheet, 2023, May 16 data subject to change

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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	IP54 [Dust accumulation-protected, splash-
	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%		
Over Time Performance (IEC Compl	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	25%		
Suitable for random switching	Yes		
Product Data			
Order product name	BBP500 G2X LED140/NW PIR S-MB		
Full product name	BBP500 G2X LED140/NW PIR S-MB		
Full product code	911401533151		
Order code	911401533151		
Material Nr. (12NC)	911401533151		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	1		

Dimensional drawing





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