



Mini500 G3

BBP500 G2 LED125/NW GU5.3 S-WB

Mini500 G3, 90 W, 12500 lm, 4000 K, 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
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	12,500 lm
Light Technical Luminous Flux Correlated Color Temperature (Nom)	12,500 lm 4000 K
Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	12,500 lm 4000 K 139 lm/W
Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI)	12,500 lm 4000 K 139 lm/W >80

Luminaire light beam spread	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	90 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
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-

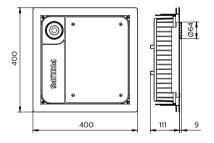
Datasheet, 2023, May 15 data subject to change

Mini500 G3

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%
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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 LED125/NW GU5.3 S-WB
Full product name	BBP500 G2 LED125/NW GU5.3 S-WB
Full product code	911401539251
Order code	911401539251
Material Nr. (12NC)	911401539251
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing





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