Mini500 G3

BBP500 G2 LED125/NW ACD2 IS S-WB

840 neutral white - Wide beam

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 color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	Tempered glass
Luminaire light beam spread	110°
Control interface	DALI
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No

Number of products on MCB of 16 A type B	6
Light source engine type	LED

Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	300 ms
Power Factor (Min)	0.95

Controls and dimming

Dimmable	Yes

Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	-
Optical cover/lens finish	Clear

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Overall length	400 mm
Overall width	400 mm
Color	White

Approval and application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK07 [2 J reinforced]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	12500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	139 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38.0.38)SDCM<5
Initial input power	90 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Driver failure rate at 5000 h	0.01 %

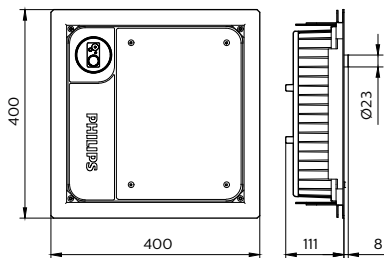|	
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application conditions

Ambient temperature range	-20 to +40 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product data

Full product code	911401538951
Order product name	BBP500 G2 LED125/NW ACD2 IS S-WB
Order code	911401538951
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	911401538951
Net Weight (Piece)	8.099 kg

Dimensional drawing

BBP500 G2 LED125/NW ACD2 IS S-WB

www.lighting.philips.com

2022, November 7 – data subject to change