



Mini500 G3

BBP500 G2 LED140/NW ACD2 IS S-MB

840 neutral white - Medium beam

The Mini 500 G3 is designed for petrol-station canopies and low/high-bay applications, this ultra-efficient retrofit fixture offers 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 colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	MB [Medium beam]
Optical cover/lens type	GT [Tempered glass]
Luminaire light beam spread	90°
Control interface	DALI
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [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 (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

Datasheet, 2022, January 16 data subject to change

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Overall width 400 mm Colour White Approval and Application		
Approval and Application Ingress protection code	Overall length	400 mm
Approval and Application Ingress protection code	Overall width	400 mm
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) Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Colour Temperature 4000 K Init. Colour rendering index >80 Initial chromaticity (0.38.0.38)SDCM<5 Initial input power	Colour	White
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Initial chromaticity (0.38.0.38)SDCM<5 Initial input power 100 W	Init. Corr. Colour Temperature	4000 K
Initial input power 100 W	Init. Colour rendering index	>80
	Initial chromaticity	(0.38.0.38)SDCM<5
Power consumption tolerance +/-10%	Initial input power	100 W
	Power consumption tolerance	+/-10%
	Over Time Performance (IEC Cor	npliant)

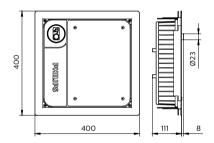
50000 h

Median useful life L80B50	40000 h
Median useful life L90B50	30000 h
Application Conditions	
Ambient temperature range	-20 to +40 °C
Maximum dimming level	10%
Suitable for random switching	Yes
Product Data	
Full product code	911401532551
Order product name	BBP500 G2 LED140/NW ACD2 IS S-MB
Order code	01532551
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401532551
SAP net weight (piece)	8.099 kg



Dimensional drawing

Median useful life L70B50



BBP500 G2 LED140/NW ACD2 IS S-MB



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