



Mini500 G3

BBP500 G2 LED140/CW ACD2 IS S-MB

865 cool daylight - 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	
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	One unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	Medium beam
Optical cover/lens type	Tempered glass
Luminaire light beam spread	90°
Control interface	DALI
Connection	Flying leads/cables
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 (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	Aluminium 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
Colour	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)	14000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial chromaticity	(0.313.0.324)SDCM<5
Initial input power	100 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Driver failure rate at 5,000 hours	0.01 %
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Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application conditions

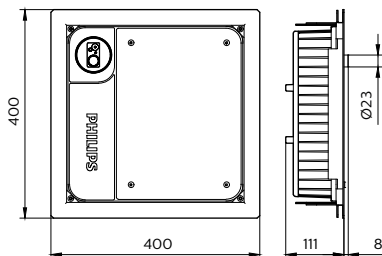
Ambient temperature range	-20 to +40 °C
Maximum dimming level	10%
Suitable for random switching	Yes

Product data

Full product code	911401532351
Order product name	BBP500 G2 LED140/CW ACD2 IS S-MB
Order code	911401532351
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401532351
Net Weight (Piece)	8.099 kg



Dimensional drawing



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