



Mini500 G3

BBP500 G2 LED180/NW ACD2 IS S-MB

Mini500 G3, 140 W, 18000 lm, 4000 K, DALI, 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
Light Technical	
Luminous Flux	18,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Medium beam
Optical cover type	Tempered glass

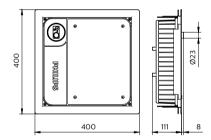
Luminaire light beam spread	90°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	53 A	
Inrush time	300 ms	
Power Consumption	140 W	
Power Factor (Fraction)	0.95	
Connection	Flying leads/wires	
Cable	Cable 0.3 m without plug	
Number of products on MCB of 16 A type B 6		
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	

Mini500 G3

Constant light output No Mechanical and Housing 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
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Overall width 400 mm Approval and Application
Approval and Application
Ingress protection code
ingress protection code in 54 [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 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	10%	
Suitable for random switching	Yes	
Product Data		
Order product name	BBP500 G2 LED180/NW ACD2 IS S-MB	
Full product name	BBP500 G2 LED180/NW ACD2 IS S-MB	
Full product code	911401534751	
Order code	911401534751	
Material Nr. (12NC)	911401534751	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Dimensional drawing





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