



# **Mini500 G3**

## BBP500 G2 LED180/NW ACD2 IS S-WB

Mini500 G3, 140 W, 18000 lm, 4000 K, DALI, 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
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	Wide beam
Optical cover type	Tempered glass

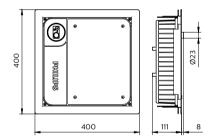
Luminaire light beam spread	110°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	300 ms
Power Consumption	140 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type 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
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     Housing Color
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     Housing Color
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
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
Optical cover material     Tempered glass       Fixation material     -       Housing Color     White       Optical cover finish     Clear       Overall length     400 mm       Overall width     400 mm
Fixation material     -       Housing Color     White       Optical cover finish     Clear       Overall length     400 mm       Overall width     400 mm
Housing Color     White       Optical cover finish     Clear       Overall length     400 mm       Overall width     400 mm
Optical cover finish     Clear       Overall length     400 mm       Overall width     400 mm
Overall length     400 mm       Overall width     400 mm
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-WB	
Full product name	BBP500 G2 LED180/NW ACD2 IS S-WB	
Full product code	911401534851	
Order code	911401534851	
Material Nr. (12NC)	911401534851	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

#### Dimensional drawing





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