



# Mini500 G3

## BCP500 G2 LED180/CW ACD2 IS S-WB

Mini500 G3, 140 W, 18000 lm, 6500 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)	6500 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Color rendering index (CRI)	>80
Light source color	865 cool daylight
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

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Control interface	DALI
Constant light output	No

## Mechanical and Housing

<b>Housing Material</b>	Aluminum die cast
<b>Reflector material</b>	-
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Tempered glass
<b>Fixation material</b>	-
<b>Housing Color</b>	White
<b>Optical cover finish</b>	Clear
<b>Overall length</b>	335 mm
<b>Overall width</b>	335 mm

## Approval and Application

<b>Ingress protection code</b>	IP54 [Dust accumulation-protected, splash-proof]
<b>Mech. impact protection code</b>	IK07 [2 J reinforced]
<b>Protection class IEC</b>	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.313.0.324)SDCM<5

Power consumption tolerance	+/-10%
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### Over Time Performance (IEC Compliant)

<b>Driver failure rate at 5000 h</b>	0.01 %
<b>Median useful life L70B50</b>	50,000 hour(s)
<b>Median useful life L80B50</b>	40,000 hour(s)
<b>Median useful life L90B50</b>	30,000 hour(s)

## Application Conditions

Maximum dim level	10%
Suitable for random switching	Yes

## Product Data

Order product name	BCP500 G2 LED180/CW ACD2 IS S-WB
Full product name	BCP500 G2 LED180/CW ACD2 IS S-WB
Full product code	911401537851
Order code	911401537851
Material Nr. (12NC)	911401537851
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

