



# **Mini500 G3**

## BCP500 G2 LED140/NW ACD2 IS S-WB

Mini500 G3, 100 W, 14000 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
Glow-wire test	Temperature 650 °C, duration 5 s
Glow-wire test  Light Technical	Temperature 650 °C, duration 5 s
	Temperature 650 °C, duration 5 s
Light Technical	
Light Technical Luminous Flux	14,000 lm
Light Technical Luminous Flux Correlated Color Temperature (Nom)	14,000 lm 4000 K
Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	14,000 lm 4000 K 140 lm/W
Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI)	14,000 lm 4000 K 140 lm/W >80

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	100 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

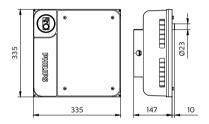
Datasheet, 2023, May 1 data subject to change

## Mini500 G3

Constant light output	No
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	335 mm
Overall width	335 mm
Approval and Application	
Ingress protection code	IP54 [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)
<b>Application Conditions</b>	
Maximum dim level	10%
Suitable for random switching	Yes
Product Data	
Order product name	BCP500 G2 LED140/NW ACD2 IS S-WB
Full product name	BCP500 G2 LED140/NW ACD2 IS S-WB
Full product code	911401535851
Order code	01535851
Material Nr. (12NC)	911401535851
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.