



Mini500 G3

BBP500 G2 LED140/CW PSU S-MB

Mini500 G3, 100 W, 14000 lm, 6500 K, 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	
EU RoHS compliant	No	
Light Technical		
Luminous Flux	14,000 lm	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	140 lm/W	
Color rendering index (CRI)	>80	
Beam angle of light source	- degree(s)	
Light source color	865 cool daylight	

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	46 A
Inrush time	440 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	4
В	
Temperature	
Ambient temperature range	40 to +45 °C

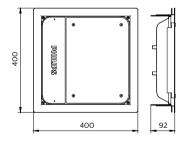
Ambient temperature range

-40 to +45 °C

Mini500 G3

supply unit (On/Off)	Initial chromaticity Power consumption tolerance Over Time Performance (IEC Cor Driver failure rate at 5000 h Median useful life L70B50 Median useful life L80B50	(0.313.0.324)SDCM<5 +/-10% mpliant) 0.01 % 50,000 hour(s)
	Over Time Performance (IEC Cor Driver failure rate at 5000 h Median useful life L70B50	mpliant) 0.01%
	Driver failure rate at 5000 h Median useful life L70B50	0.01 %
ım die cast	Driver failure rate at 5000 h Median useful life L70B50	0.01 %
ım die cast	Median useful life L70B50	
ım die cast		50,000 hour(s)
um die cast	Median useful life I 80850	
um die cast	Median userut the Loobso	40,000 hour(s)
ann and cast	Median useful life L90B50	30,000 hour(s)
bonate	Application Conditions	
red glass	Maximum dim level	Not applicable
	Suitable for random switching	No
	Product Data	
n	Order product name	BBP500 G2 LED140/CW PSU S-MB
n	Full product name	BBP500 G2 LED140/CW PSU S-MB
	Full product code	911401531851
	Order code	911401531851
ust penetration-protected, jet-proof]	Material Nr. (12NC)	911401531851
J reinforced]	Numerator - Quantity Per Pack	1
class I	Numerator - Packs per outer box	1
r	rbonate red glass m m ust penetration-protected, jet-proof] J reinforced] class I	red glass Maximum dim level Suitable for random switching Product Data order product name Full product name Full product code Order code Order code Dust penetration-protected, jet-proof] J reinforced]

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.

www.lighting.philips.com 2023, April 29 - data subject to change