



Be seen, be safe. A brighter solution lights up the petrol station smartly

Mini500 G3

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.

Benefits

- Increases visibility and safety at night
- Achieve additional 45% energy saving through occupancy detection and daylight harvest based dimming (based on usage behavior)
- High energy saving – up to 49% comparing to CDM system.
- Suits for multiple applications

Features

- Precision-control optics with three choices: S-WB/S-MB/A-WB ; CRI 80
- Intelligent system with integrated PIR/DDR sensor
- System efficacy 140 lumen per watt
- Provides surface, recess and pole mounting options

Application

- Petrol and service stations
- Warehouses, DIY stores, production halls
- Other Indoor high ceiling applications

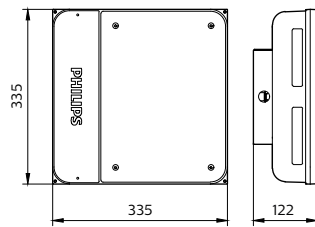
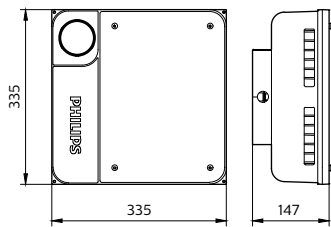
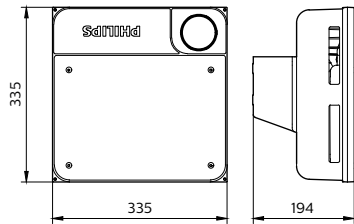
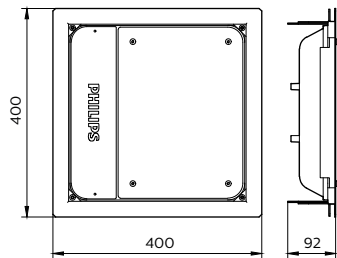
Mini500 G3

Versions



Mini500G3 1

Dimensional drawing



Product details



Mini500G3 3



Mini500G3 4

Mini500 G3

General Information

Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Optical cover/lens type	Tempered glass
Color rendering index (CRI)	>80

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	White
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Approval and Application

CE mark	CE mark
Protection class IEC	Safety class I
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Mech. impact protection code	IK07
Ingress protection code	IP65

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L80B50	40,000 hour(s)
Median useful life L90B50	30,000 hour(s)

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
54664600	BBP500 G2 LED84/NW PSU S-WB	- degree(s)	4000 K	140 lm/W	8,400 lumen
01538551	BBP500 G2 LED125/NW PSU A-WB	- degree(s)	4000 K	139 lm/W	12,500 lumen
01538651	BBP500 G2 LED125/NW PSU S-MB	- degree(s)	4000 K	139 lm/W	12,500 lumen
54665300	BBP500 G2 LED125/NW PSU S-WB	- degree(s)	4000 K	139 lm/W	12,500 lumen
01536651	BCP500 G2 LED84/CW PSU S-MB	-	6500 K	140 lm/W	8,400 lumen
01536751	BCP500 G2 LED84/CW PSU S-WB	-	6500 K	140 lm/W	8,400 lumen
01536851	BCP500 G2 LED84/NW PSU A-WB	-	4000 K	140 lm/W	8,400 lumen
01537151	BCP500 G2 LED180/CW PSU A-WB	-	6500 K	129 lm/W	18,000 lumen
01538451	BGP500 G2 LED180/NW PSU A-WB	-	4000 K	129 lm/W	18,000 lumen
01540351	BGP500 G2 LED125/NW PSU A-WB	-	4000 K	139 lm/W	12,500 lumen

Light Technical (2/2)

Order Code	Full Product Name	Optic type	Order Code	Full Product Name	Optic type
54664600	BBP500 G2 LED84/NW PSU S-WB	Wide beam	01536751	BCP500 G2 LED84/CW PSU S-WB	Wide beam
01538551	BBP500 G2 LED125/NW PSU A-WB	Wide beam	01536851	BCP500 G2 LED84/NW PSU A-WB	Wide beam
01538651	BBP500 G2 LED125/NW PSU S-MB	Medium beam	01537151	BCP500 G2 LED180/CW PSU A-WB	Wide beam
54665300	BBP500 G2 LED125/NW PSU S-WB	Wide beam	01538451	BGP500 G2 LED180/NW PSU A-WB	Wide beam
01536651	BCP500 G2 LED84/CW PSU S-MB	Medium beam	01540351	BGP500 G2 LED125/NW PSU A-WB	Wide beam

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Operating and Electrical

Order Code	Full Product Name	Power Consumption
54664600	BBP500 G2 LED84/NW PSU S-WB	60 W
01538551	BBP500 G2 LED125/NW PSU A-WB	90 W
01538651	BBP500 G2 LED125/NW PSU S-MB	90 W
54665300	BBP500 G2 LED125/NW PSU S-WB	90 W
01536651	BCP500 G2 LED84/CW PSU S-MB	60 W

Order Code	Full Product Name	Power Consumption
01536751	BCP500 G2 LED84/CW PSU S-WB	60 W
01536851	BCP500 G2 LED84/NW PSU A-WB	60 W
01537151	BCP500 G2 LED180/CW PSU A-WB	140 W
01538451	BGP500 G2 LED180/NW PSU A-WB	140 W
01540351	BGP500 G2 LED125/NW PSU A-WB	90 W

Temperature

Order Code	Full Product Name	Ambient temperature range
54664600	BBP500 G2 LED84/NW PSU S-WB	-40 to +45 °C
01538551	BBP500 G2 LED125/NW PSU A-WB	-40 to +45 °C
01538651	BBP500 G2 LED125/NW PSU S-MB	-40 to +45 °C
54665300	BBP500 G2 LED125/NW PSU S-WB	-40 to +45 °C
01536651	BCP500 G2 LED84/CW PSU S-MB	-40 to +45 °C

Order Code	Full Product Name	Ambient temperature range
01536751	BCP500 G2 LED84/CW PSU S-WB	-40 to +45 °C
01536851	BCP500 G2 LED84/NW PSU A-WB	-40 to +45 °C
01537151	BCP500 G2 LED180/CW PSU A-WB	-40 to +45 °C
01538451	BGP500 G2 LED180/NW PSU A-WB	-40 to +50 °C
01540351	BGP500 G2 LED125/NW PSU A-WB	-40 to +50 °C

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
54664600	BBP500 G2 LED84/NW PSU S-WB	(0.38.0.38)SDCM<5
01538551	BBP500 G2 LED125/NW PSU A-WB	(0.38.0.38)SDCM<5
01538651	BBP500 G2 LED125/NW PSU S-MB	(0.38.0.38)SDCM<5
54665300	BBP500 G2 LED125/NW PSU S-WB	(0.38.0.38)SDCM<5
01536651	BCP500 G2 LED84/CW PSU S-MB	(0.313.0.324)SDCM<5

Order Code	Full Product Name	Initial chromaticity
01536751	BCP500 G2 LED84/CW PSU S-WB	(0.313.0.324)SDCM<5
01536851	BCP500 G2 LED84/NW PSU A-WB	(0.38.0.38)SDCM<5
01537151	BCP500 G2 LED180/CW PSU A-WB	(0.313.0.324)SDCM<5
01538451	BGP500 G2 LED180/NW PSU A-WB	(0.38.0.38)SDCM<5
01540351	BGP500 G2 LED125/NW PSU A-WB	(0.38.0.38)SDCM<5

