



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

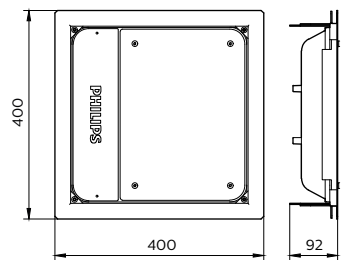
Mini500 G3

Versions



Mini500G3 1

Dimensional drawing



Product details



Mini500G3 3

Mini500 G3

General Information

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

Light Technical

Beam angle of light source	- degree(s)
Correlated Color Temperature (Nom)	4000 K
Optical cover/lens type	Tempered glass
Color rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical

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

Temperature

Ambient temperature range	-40 to +45 °C
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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)

Initial chromaticity	(0.38.0.38)SDCM<5
Luminous flux tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401533851	BBP500 G2 LED84/NW PSU S-WB	140 lm/W	8,400 lumen
911401538751	BBP500 G2 LED125/NW PSU S-WB	139 lm/W	12,500 lumen

Operating and Electrical

Mini500 G3

Order Code	Full Product Name	Power Consumption
911401533851	BBP500 G2 LED84/NW PSU S-WB	60 W

Order Code	Full Product Name	Power Consumption
911401538751	BBP500 G2 LED125/NW PSU S-WB	90 W

