PHILIPS

Lighting

Be seen, be safe. Abrighter 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

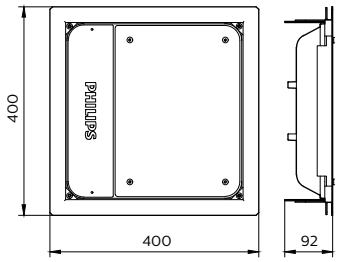
Features

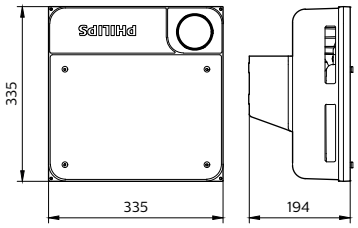
- Precision-control optics with three choices: S-WB/S-MB/A-WB ; CRI 80
- Intelligent system with integrated PIR/DDR sensor
- System efficacy 140 lumen per watt
- Provides surface, recess and pole mounting options

Application

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

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	
Correlated Color Temperature (Nom)	4000 K
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

Mechanical and Housing	
Housing Color	White

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 hour(s)
Median useful life L90B50	30,000 hour(s)

Application Conditions	
Maximum dim level	Not applicable
Suitable for random switching	No

Light Technical

Order Code	Full Product Name	Beam angle of light source	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
911401533851	BBP500 G2 LED84/NW PSU S-WB	- degree(s)	140 lm/W	8,400 lumen	Wide beam
911401538551	BBP500 G2 LED125/NW PSU A-WB	- degree(s)	139 lm/W	12,500 lumen	Wide beam
911401538651	BBP500 G2 LED125/NW PSU S-MB	- degree(s)	139 lm/W	12,500 lumen	Medium beam
911401538751	BBP500 G2 LED125/NW PSU S-WB	- degree(s)	139 lm/W	12,500 lumen	Wide beam
911401538451	BGP500 G2 LED180/NW PSU A-WB	-	129 lm/W	18,000 lumen	Wide beam
911401540351	BGP500 G2 LED125/NW PSU A-WB	-	139 lm/W	12,500 lumen	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401533851	BBP500 G2 LED84/NW PSU S-WB	60 W
911401538551	BBP500 G2 LED125/NW PSU A-WB	90 W
911401538651	BBP500 G2 LED125/NW PSU S-MB	90 W

Order Code	Full Product Name	Power Consumption
911401538751	BBP500 G2 LED125/NW PSU S-WB	90 W
911401538451	BGP500 G2 LED180/NW PSU A-WB	140 W
911401540351	BGP500 G2 LED125/NW PSU A-WB	90 W

Temperature

Order Code	Full Product Name	Ambient temperature range
911401533851	BBP500 G2 LED84/NW PSU S-WB	-40 to +45 °C
911401538551	BBP500 G2 LED125/NW PSU A-WB	-40 to +45 °C
911401538651	BBP500 G2 LED125/NW PSU S-MB	-40 to +45 °C

Order Code	Full Product Name	Ambient temperature range
911401538751	BBP500 G2 LED125/NW PSU S-WB	-40 to +45 °C
911401538451	BGP500 G2 LED180/NW PSU A-WB	-40 to +50 °C
911401540351	BGP500 G2 LED125/NW PSU A-WB	-40 to +50 °C