



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

Mini500 G3

The Mini 500 G3 is designed for petrol-station canopies and low/high-bay applications, this ultra-efficient retrofit fixture offers 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 an additional 45% energy saving through occupancy detection and daylight harvest-based dimming (based on usage behaviour)
- High energy saving – up to 49% compared to the CDM system.
- Suitable for multiple applications

Features

- Precision-control optics with three choices: S-WB/S-MB/A-WB; CRI 80
- Intelligent system with an 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



Product details



Approval and Application	
Mech. impact protection code	IK07
Operating and Electrical	
Input Voltage	220-240 V
General Information	
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Colour	White
Over Time Performance (IEC Compliant)	
Median useful life L80B50	40000 h
Median useful life L90B50	30000 h

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level	Suitable for random switching
911401531751	BBP500 G2 LED140/CW PSU A-WB	-	Not applicable	No
911401531851	BBP500 G2 LED140/CW PSU S-MB	-	Not applicable	No
911401531951	BBP500 G2 LED140/CW PSU S-WB	-	Not applicable	No
911401532351	BBP500 G2 LED140/CW ACD2 IS S-MB	-20 to +40 °C	10%	-
911401532451	BBP500 G2 LED140/CW ACD2 IS S-WB	-20 to +40 °C	10%	-
911401532951	BBP500 G2X LED140/CW PIR S-MB	-20 to +45 °C	-	-
911401533051	BBP500 G2X LED140/CW PIR S-WB	-20 to +45 °C	-	-
911401533351	BBP500 G2 LED84/CW PSU A-WB	-	Not applicable	No
911401533451	BBP500 G2 LED84/CW PSU S-MB	-	Not applicable	No
911401533551	BBP500 G2 LED84/CW PSU S-WB	-	Not applicable	No
911401534051	BBP500 G2 LED180/CW PSU S-MB	-	Not applicable	No
911401534451	BBP500 G2 LED180/NW PSU S-WB	-	Not applicable	No
911401534851	BBP500 G2 LED180/NW ACD2 IS S-WB	-20 to +40 °C	10%	-
911401538551	BBP500 G2 LED125/NW PSU A-WB	-	Not applicable	No
911401538651	BBP500 G2 LED125/NW PSU S-MB	-	Not applicable	No
911401538751	BBP500 G2 LED125/NW PSU S-WB	-	Not applicable	No
911401539051	BBP500 G2 LED125/NW ACD2 IS A-WB	-20 to +40 °C	10%	-
911401534951	BCP500 G2 LED140/CW PSU A-WB	-	Not applicable	No
911401535051	BCP500 G2 LED140/CW PSU S-MB	-	Not applicable	No

Order Code	Full Product Name	Ambient temperature range	Maximum dim level	Suitable for random switching
911401535151	BCP500 G2 LED140/CW PSU S-WB	-	Not applicable	No
911401535551	BCP500 G2 LED140/CW ACD2 IS S-MB	-20 to +40 °C	10%	-
911401535651	BCP500 G2 LED140/CW ACD2 IS S-WB	-20 to +40 °C	10%	-
911401536551	BCP500 G2 LED84/CW PSU A-WB	-	Not applicable	No
911401536651	BCP500 G2 LED84/CW PSU S-MB	-	Not applicable	No
911401536751	BCP500 G2 LED84/CW PSU S-WB	-	Not applicable	No
911401538451	BGP500 G2 LED180/NW PSU A-WB	-40 to +50 °C	Not applicable	No

Approval and Application

Order Code	Full Product Name	Ingress protection code
911401531751	BBP500 G2 LED140/CW PSU A-WB	IP65
911401531851	BBP500 G2 LED140/CW PSU S-MB	IP65
911401531951	BBP500 G2 LED140/CW PSU S-WB	IP65
911401532351	BBP500 G2 LED140/CW ACD2 IS S-MB	IP54
911401532451	BBP500 G2 LED140/CW ACD2 IS S-WB	IP54
911401532951	BBP500 G2X LED140/CW PIR S-MB	IP54
911401533051	BBP500 G2X LED140/CW PIR S-WB	IP54
911401533351	BBP500 G2 LED84/CW PSU A-WB	IP65
911401533451	BBP500 G2 LED84/CW PSU S-MB	IP65
911401533551	BBP500 G2 LED84/CW PSU S-WB	IP65
911401534051	BBP500 G2 LED180/CW PSU S-MB	IP65
911401534451	BBP500 G2 LED180/NW PSU S-WB	IP65
911401534851	BBP500 G2 LED180/NW ACD2 IS S-WB	IP54

Order Code	Full Product Name	Ingress protection code
911401538551	BBP500 G2 LED125/NW PSU A-WB	IP65
911401538651	BBP500 G2 LED125/NW PSU S-MB	IP65
911401538751	BBP500 G2 LED125/NW PSU S-WB	IP65
911401539051	BBP500 G2 LED125/NW ACD2 IS A-WB	IP54
911401534951	BCP500 G2 LED140/CW PSU A-WB	IP65
911401535051	BCP500 G2 LED140/CW PSU S-MB	IP65
911401535151	BCP500 G2 LED140/CW PSU S-WB	IP65
911401535551	BCP500 G2 LED140/CW ACD2 IS S-MB	IP54
911401535651	BCP500 G2 LED140/CW ACD2 IS S-WB	IP54
911401536551	BCP500 G2 LED84/CW PSU A-WB	IP65
911401536651	BCP500 G2 LED84/CW PSU S-MB	IP65
911401536751	BCP500 G2 LED84/CW PSU S-WB	IP65
911401538451	BGP500 G2 LED180/NW PSU A-WB	IP65

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401531751	BBP500 G2 LED140/CW PSU A-WB	No
911401531851	BBP500 G2 LED140/CW PSU S-MB	No
911401531951	BBP500 G2 LED140/CW PSU S-WB	No
911401532351	BBP500 G2 LED140/CW ACD2 IS S-MB	Yes
911401532451	BBP500 G2 LED140/CW ACD2 IS S-WB	Yes
911401532951	BBP500 G2X LED140/CW PIR S-MB	Yes
911401533051	BBP500 G2X LED140/CW PIR S-WB	Yes
911401533351	BBP500 G2 LED84/CW PSU A-WB	No
911401533451	BBP500 G2 LED84/CW PSU S-MB	No
911401533551	BBP500 G2 LED84/CW PSU S-WB	No
911401534051	BBP500 G2 LED180/CW PSU S-MB	No
911401534451	BBP500 G2 LED180/NW PSU S-WB	No
911401534851	BBP500 G2 LED180/NW ACD2 IS S-WB	Yes

Order Code	Full Product Name	Dimmable
911401538551	BBP500 G2 LED125/NW PSU A-WB	No
911401538651	BBP500 G2 LED125/NW PSU S-MB	No
911401538751	BBP500 G2 LED125/NW PSU S-WB	No
911401539051	BBP500 G2 LED125/NW ACD2 IS A-WB	Yes
911401534951	BCP500 G2 LED140/CW PSU A-WB	No
911401535051	BCP500 G2 LED140/CW PSU S-MB	No
911401535151	BCP500 G2 LED140/CW PSU S-WB	No
911401535551	BCP500 G2 LED140/CW ACD2 IS S-MB	Yes
911401535651	BCP500 G2 LED140/CW ACD2 IS S-WB	Yes
911401536551	BCP500 G2 LED84/CW PSU A-WB	No
911401536651	BCP500 G2 LED84/CW PSU S-MB	No
911401536751	BCP500 G2 LED84/CW PSU S-WB	No
911401538451	BGP500 G2 LED180/NW PSU A-WB	No

General Information

Order Code	Full Product Name	Beam angle of light source	Optic type
911401531751	BBP500 G2 LED140/CW PSU A-WB	- °	WB

Order Code	Full Product Name	Beam angle of light source	Optic type
911401531851	BBP500 G2 LED140/CW PSU S-MB	- °	MB

Mini500 G3

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
911401531951	BBP500 G2 LED140/CW PSU S-WB	- °	WB
911401532351	BBP500 G2 LED140/CW ACD2 IS S-MB	-	MB
911401532451	BBP500 G2 LED140/CW ACD2 IS S-WB	-	WB
911401532951	BBP500 G2X LED140/CW PIR S-MB	-	MB
911401533051	BBP500 G2X LED140/CW PIR S-WB	-	WB
911401533351	BBP500 G2 LED84/CW PSU A-WB	- °	WB
911401533451	BBP500 G2 LED84/CW PSU S-MB	- °	MB
911401533551	BBP500 G2 LED84/CW PSU S-WB	- °	WB
911401534051	BBP500 G2 LED180/CW PSU S-MB	- °	MB
911401534451	BBP500 G2 LED180/NW PSU S-WB	-	WB
911401534851	BBP500 G2 LED180/NW ACD2 IS S-WB	-	WB
911401538551	BBP500 G2 LED125/NW PSU A-WB	- °	WB

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
911401538651	BBP500 G2 LED125/NW PSU S-MB	- °	MB
911401538751	BBP500 G2 LED125/NW PSU S-WB	- °	WB
911401539051	BBP500 G2 LED125/NW ACD2 IS A-WB	-	WB
911401534951	BCP500 G2 LED140/CW PSU A-WB	-	WB
911401535051	BCP500 G2 LED140/CW PSU S-MB	-	MB
911401535151	BCP500 G2 LED140/CW PSU S-WB	-	WB
911401535551	BCP500 G2 LED140/CW ACD2 IS S-MB	-	MB
911401535651	BCP500 G2 LED140/CW ACD2 IS S-WB	-	WB
911401536551	BCP500 G2 LED84/CW PSU A-WB	-	WB
911401536651	BCP500 G2 LED84/CW PSU S-MB	-	MB
911401536751	BCP500 G2 LED84/CW PSU S-WB	-	WB
911401538451	BGP500 G2 LED180/NW PSU A-WB	-	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product		Init. Corr.	Initial LED	Initial
	Name	Initial chromaticity	Colour Temperature	luminaire efficacy	luminous flux
911401531751	BBP500 G2 LED140/CW PSU A-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401531851	BBP500 G2 LED140/CW PSU S-MB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401531951	BBP500 G2 LED140/CW PSU S-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401532351	BBP500 G2 LED140/CW ACD2 IS S-MB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401532451	BBP500 G2 LED140/CW ACD2 IS S-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401532951	BBP500 G2X LED140/CW PIR S-MB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401533051	BBP500 G2X LED140/CW PIR S-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm

Order Code	Full Product		Init. Corr.	Initial LED	Initial
	Name	Initial chromaticity	Colour Temperature	luminaire efficacy	luminous flux
911401533351	BBP500 G2 LED84/CW PSU A-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	8400 lm
911401533451	BBP500 G2 LED84/CW PSU S-MB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	8400 lm
911401533551	BBP500 G2 LED84/CW PSU S-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	8400 lm
911401534051	BBP500 G2 LED180/CW PSU S-MB	(0.313.0.324)SDCM<5	6500 K	129 lm/W	18000 lm
911401534451	BBP500 G2 LED180/NW PSU S-WB	(0.38.0.38)SDCM<5	4000 K	129 lm/W	18000 lm
911401534851	BBP500 G2 LED180/NW ACD2 IS S-WB	(0.38.0.38)SDCM<5	4000 K	129 lm/W	18000 lm
911401538551	BBP500 G2 LED125/NW PSU A-WB	(0.38.0.38)SDCM<5	4000 K	139 lm/W	12500 lm

Mini500 G3

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401538651	W PSU A-WB BBP500 G2 LED125/N	(0.38.0.38)SDCM<5	4000 K	139 lm/W	12500 lm
911401538751	W PSU S-MB BBP500 G2 LED125/N	(0.38.0.38)SDCM<5	4000 K	139 lm/W	12500 lm
911401539051	W PSU S-MB BBP500 G2 LED125/N W ACD2 IS A-WB	(0.38.0.38)SDCM<5	4000 K	139 lm/W	12500 lm
911401534951	W PSU A-WB BCP500 G2 LED140/C	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401535051	W PSU S-MB BCP500 G2 LED140/C	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401535151	W PSU A-WB BCP500 G2 LED140/C	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401535551	W PSU S-WB BCP500 G2 LED140/C W ACD2 IS S-MB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401536551	W PSU S-WB BCP500 G2 LED140/C W ACD2 IS S-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	14000 lm
911401536551	W PSU A-WB BCP500 G2 LED84/CW PSU A-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	8400 lm
911401536651	W PSU S-MB BCP500 G2 LED84/CW PSU S-MB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	8400 lm
911401536751	W PSU S-MB BCP500 G2 LED84/CW PSU S-WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	8400 lm
911401538451	W PSU A-WB BGP500 G2 LED180/N	(0.38.0.38)SDCM<5	4000 K	129 lm/W	18000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401531751	BBP500 G2 LED140/CW PSU A-WB	100 W
911401531851	BBP500 G2 LED140/CW PSU S-MB	100 W
911401531951	BBP500 G2 LED140/CW PSU S-WB	100 W
911401532351	BBP500 G2 LED140/CW ACD2 IS S-MB	100 W
911401532451	BBP500 G2 LED140/CW ACD2 IS S-WB	100 W
911401532951	BBP500 G2X LED140/CW PIR S-MB	100 W
911401533051	BBP500 G2X LED140/CW PIR S-WB	100 W
911401533351	BBP500 G2 LED84/CW PSU A-WB	60 W
911401533451	BBP500 G2 LED84/CW PSU S-MB	60 W
911401533551	BBP500 G2 LED84/CW PSU S-WB	60 W
911401534051	BBP500 G2 LED180/CW PSU S-MB	140 W
911401534451	BBP500 G2 LED180/NW PSU S-WB	140 W
911401534851	BBP500 G2 LED180/NW ACD2 IS S-WB	140 W

Order Code	Full Product Name	Initial input power
911401538551	BBP500 G2 LED125/NW PSU A-WB	90 W
911401538651	BBP500 G2 LED125/NW PSU S-MB	90 W
911401538751	BBP500 G2 LED125/NW PSU S-WB	90 W
911401539051	BBP500 G2 LED125/NW ACD2 IS A-WB	90 W
911401534951	BCP500 G2 LED140/CW PSU A-WB	100 W
911401535051	BCP500 G2 LED140/CW PSU S-MB	100 W
911401535151	BCP500 G2 LED140/CW PSU S-WB	100 W
911401535551	BCP500 G2 LED140/CW ACD2 IS S-MB	100 W
911401535651	BCP500 G2 LED140/CW ACD2 IS S-WB	100 W
911401536551	BCP500 G2 LED84/CW PSU A-WB	60 W
911401536651	BCP500 G2 LED84/CW PSU S-MB	60 W
911401536751	BCP500 G2 LED84/CW PSU S-WB	60 W
911401538451	BGP500 G2 LED180/NW PSU A-WB	140 W

Mini500 G3

