

PHILIPS

Canopy Lighting

BBP500 / BCP500



Philips GreenPerform Canopy Luminaire

Series BBP500 / BCP500

High-performance, versatile and connected
lighting solutions for professionals

Philips GreenPerform Canopy Luminaire

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

GreenPerform canopy luminaire 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 a simple movement detector sensor or movement detection combined with a daylight sensor.



Features



System efficacy 140lm/W – Provides high energy savings compared to conventional systems.



Precision control optics with three options to suit various applications – Great flexibility in lighting design and no wasted light.



Rated lifetime of 50,000 hours – Safe and reliable for many years giving peace of mind.



Lumen packages up to 18,000lm – Handles horizontal and vertical brightnesses from high mounting heights.

140lm/W

3 great optics

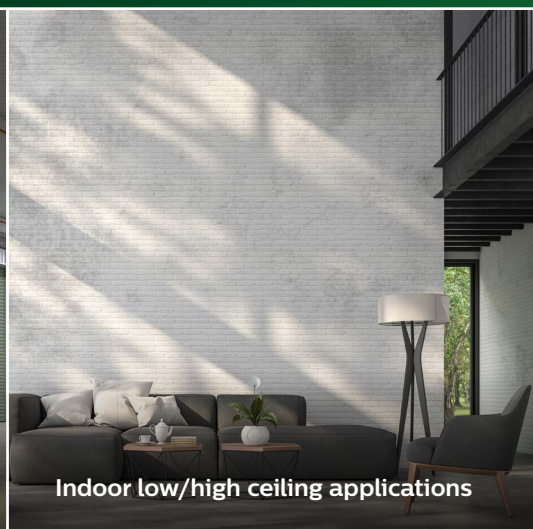
**50,000hrs
5 years
warranty**

**Up to
18,000lm**

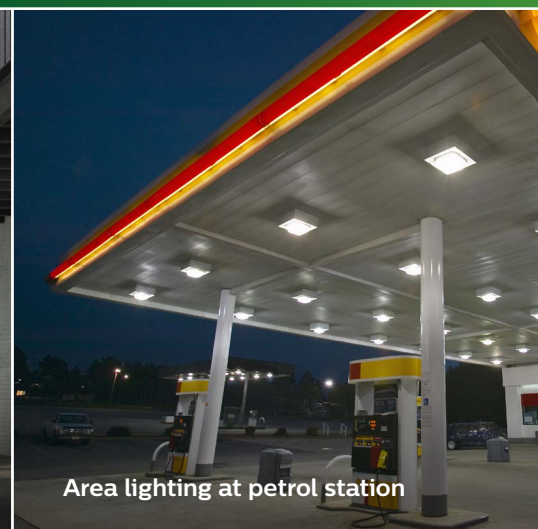
Applications



Under canopy



Indoor low/high ceiling applications

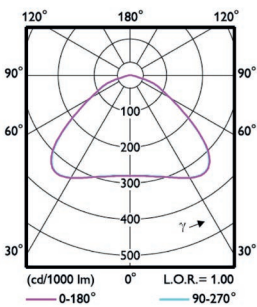


Area lighting at petrol station

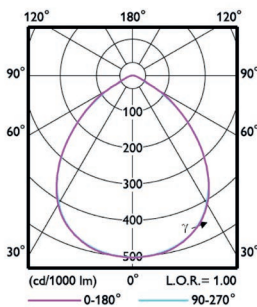
Technical specifications

Model	BBP500 / BCP500			
Type	LED84	LED125	LED140	LED180
Lumen output	8400lm	12500lm	14000lm	18000lm
System power	60W	90W	100W	140W
System efficacy	140lm/W	139lm/W	140lm/W	129lm/W
CCT	CW (6500K) / NW (4000K), WW (3000K) available as ETO (Engineered To Order)			
CRI	> 80			
Colour consistency	< 5 SDCM			
IP/IK rating	IP65 / IK07			
Classification	Class I			
Operation temperature	Ta 35°C ; BBP500/BCP500 PSU (-40°C~45°C); PSD (ETO Option)(-40°C~45°C);			
Lifetime (hrs)	50,000 hrs (L70B50) @35°C			
Optics	S-WB (Symmetric Wide Beam); S-MB (Symmetric Medium Beam); A-WB (Asymmetric Wide Beam)			
Driver/control/sensor	Fixed; Dali dimmable (ETO option)			
Input voltage	220-240V, 50/60 Hz			
Power factor	>=0.95			
THD	<10%			
Mounting/ installation	BBP500 (Recessed); BCP500 (Surface)			
Housing	Aluminium diecasting			

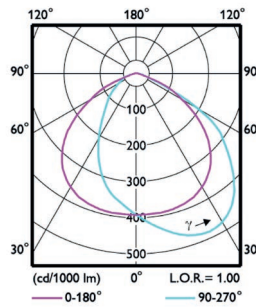
Polar intensity diagrams



S-WB



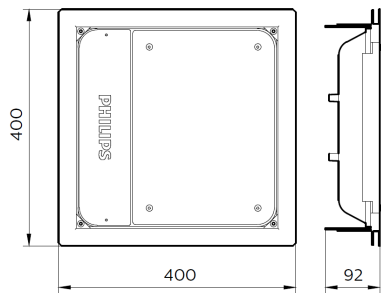
S-MB



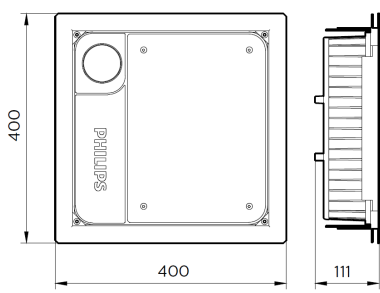
A-WB

Dimensions

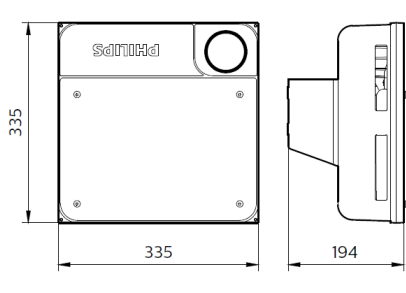
BBP500 LED84/125/140 PSU & PSD



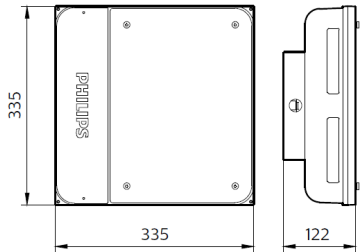
BBP500 LED180 PSU & PSD



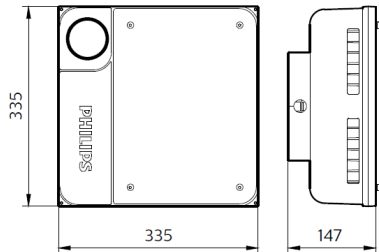
BGP500 PSU



BCP500 LED84/125/140 PSU & PSD



BCP500 LED180 PSU & PSD



Order placement information

BBP500

Order Code	Technical Description	Specification
911401533351	BBP500 G2 LED84/CW PSU A-WB	60W, 8400lm, 6500K, fixed output, A-Wide beam
911401533451	BBP500 G2 LED84/CW PSU S-MB	60W, 8400lm, 6500K, fixed output, S-Middle beam
911401533551	BBP500 G2 LED84/CW PSU S-WB	60W, 8400lm, 6500K, fixed output, S-Wide beam
911401533651	BBP500 G2 LED84/NW PSU A-WB	60W, 8400lm, 4000K, fixed output, A-Wide beam
911401533751	BBP500 G2 LED84/NW PSU S-MB	60W, 8400lm, 4000K, fixed output, S-Middle beam
911401533851	BBP500 G2 LED84/NW PSU S-WB	60W, 8400lm, 4000K, fixed output, S-Wide beam
911401538551	BBP500 G2 LED125/NW PSU A-WB	90W, 12500lm, 4000K, fixed output, A-Wide beam
911401538651	BBP500 G2 LED125/NW PSU S-MB	90W, 12500lm, 4000K, fixed output, S-Middle beam
911401538751	BBP500 G2 LED125/NW PSU S-WB	90W, 12500lm, 4000K, fixed output, S-Wide beam
911401531751	BBP500 G2 LED140/CW PSU A-WB	100W, 14000lm, 6500K, fixed output, A-Wide beam
911401531851	BBP500 G2 LED140/CW PSU S-MB	100W, 14000lm, 6500K, fixed output, S-Middle beam
911401531951	BBP500 G2 LED140/CW PSU S-WB	100W, 14000lm, 6500K, fixed output, S-Wide beam
911401532051	BBP500 G2 LED140/NW PSU A-WB	100W, 14000lm, 4000K, fixed output, A-Wide beam
911401532151	BBP500 G2 LED140/NW PSU S-MB	100W, 14000lm, 4000K, fixed output, S-Middle beam
911401532251	BBP500 G2 LED140/NW PSU S-WB	100W, 14000lm, 4000K, fixed output, S-Wide beam
911401533951	BBP500 G2 LED180/CW PSU A-WB	140W, 18000lm, 6500K, fixed output, A-Wide beam
911401534051	BBP500 G2 LED180/CW PSU S-MB	140W, 18000lm, 6500K, fixed output, S-Middle beam
911401534151	BBP500 G2 LED180/CW PSU S-WB	140W, 18000lm, 6500K, fixed output, S-Wide beam
911401534251	BBP500 G2 LED180/NW PSU A-WB	140W, 18000lm, 4000K, fixed output, A-Wide beam
911401534351	BBP500 G2 LED180/NW PSU S-MB	140W, 18000lm, 4000K, fixed output, S-Middle beam
911401534451	BBP500 G2 LED180/NW PSU S-WB	140W, 18000lm, 4000K, fixed output, S-Wide beam

BCP500

Order Code	Technical Description	Specification
911401536551	BCP500 G2 LED84/CW PSU A-WB	60W, 8400lm, 6500K, fixed output, A-Wide beam
911401536651	BCP500 G2 LED84/CW PSU S-MB	60W, 8400lm, 6500K, fixed output, S-Middle beam
911401536751	BCP500 G2 LED84/CW PSU S-WB	60W, 8400lm, 6500K, fixed output, S-Wide beam
911401536851	BCP500 G2 LED84/NW PSU A-WB	60W, 8400lm, 4000K, fixed output, A-Wide beam
911401536951	BCP500 G2 LED84/NW PSU S-MB	60W, 8400lm, 4000K, fixed output, S-Middle beam
911401537051	BCP500 G2 LED84/NW PSU S-WB	60W, 8400lm, 4000K, fixed output, S-Wide beam
911401539451	BCP500 G2 LED125/NW PSU A-WB	90W, 12500lm, 4000K, fixed output, A-Wide beam
911401539551	BCP500 G2 LED125/NW PSU S-MB	90W, 12500lm, 4000K, fixed output, S-Middle beam
911401539651	BCP500 G2 LED125/NW PSU S-WB	90W, 12500lm, 4000K, fixed output, S-Wide beam
911401534951	BCP500 G2 LED140/CW PSU A-WB	100W, 14000lm, 6500K, fixed output, A-Wide beam
911401535051	BCP500 G2 LED140/CW PSU S-MB	100W, 14000lm, 6500K, fixed output, S-Middle beam
911401535151	BCP500 G2 LED140/CW PSU S-WB	100W, 14000lm, 6500K, fixed output, S-Wide beam
911401535251	BCP500 G2 LED140/NW PSU A-WB	100W, 14000lm, 4000K, fixed output, A-Wide beam
911401535351	BCP500 G2 LED140/NW PSU S-MB	100W, 14000lm, 4000K, fixed output, S-Middle beam
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911401537151	BCP500 G2 LED180/CW PSU A-WB	140W, 18000lm, 6500K, fixed output, A-Wide beam
911401537251	BCP500 G2 LED180/CW PSU S-MB	140W, 18000lm, 6500K, fixed output, S-Middle beam
911401537351	BCP500 G2 LED180/CW PSU S-WB	140W, 18000lm, 6500K, fixed output, S-Wide beam
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911401537651	BCP500 G2 LED180/NW PSU S-WB	140W, 18000lm, 4000K, fixed output, S-Wide beam



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