



Philips GreenPerform Canopy Mini500 Gen4: A high- performance, versatile, energy- saving LED

GreenPerform Canopy Mini500 G4

The Philips GreenPerform Canopy Mini500 Gen4 lives up to the GreenPerform family's enviable reputation for reliable performance. Not only does this next-generation, energy-saving LED deliver leading system efficacy and extended long-term quality, it also offers a versatile selection of optics, connectivity, controls and installation options. So you can create the ideal lighting conditions for any space, at any time. The GreenPerform Canopy portfolio also includes a series that is ideal for canopy lighting in food applications. For professionals who demand high-performance, connected lighting for their lighting installations, this robust, optimized, and versatile family of LED canopy luminaires is the perfect choice for both indoor and outdoor canopy applications.

Benefits

- Excellent energy savings
- Long-term quality and reliability
- Choice of optics
- Flexible installation options
- Range of control and connectivity platforms

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Features

- Up to 160 lm/W system efficacy
- 60,000 hours lifetime @Ta 35°C
- Outdoor and edge area (Asymmetry WB), general area (WB), emphasizing and limited area (NB)
- Recessed (BBP), Surface & frame (BCP), Pole (BGP)
- DALI control, GU5.3 for emergency lighting, EcoSet sensor

Application

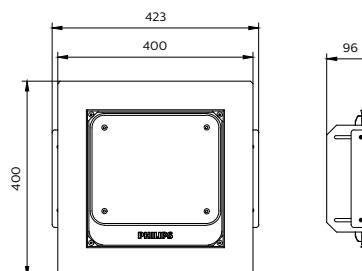
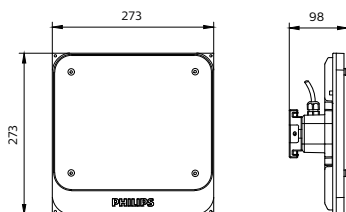
- Petrol and Convenience
- Parking Garages
- Food Processing

Specifications

Mounting type	Recessed
	Surface
	Pole
Operating Temperature range	- 40 to +50 °C
Light Source	LED
Mains Voltage	2320-240V / 50-60Hz
Mains connection	Flying cable
Mechanical Accessories	Clamp
Dimming	PSU: non-dimmable
	PSD: Dimmable via Dali-broadcasting
Control system input	DALI
Material	Housing: die-cast aluminium
Main color of the luminaire	RAL9003
Flicker / Pst / SVM	<3.2% / 0.5 / 0.4
Luminous flux	8.5klm - 18klm
Power consumption	53W - 128W
Luminaire efficacy	Up to 160lm/W
Correlated color temperature - CCT	4000K 6000K

Color Rendering index - 80	
CRI	
Beam angle	S-WB: 115°
	S-MB: 90°
	A-WB: 110°*80°
Optical cover/lens	Lens: PC
material	Cover: Glass
Optical cover/lens	Clear
finish	
Protection Class	Class I
IEC61140	
Mechanical impact	IK07
protection	
Ingress protection	IP65
Driver replaceable	Yes
Installation	Recessed
	Surface
	Pole

Dimensional drawing



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General Information

CE mark	CE mark
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Optical cover type	Clear glass
Color rendering index (CRI)	>80

Operating and Electrical

Input Voltage	220-240 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

Protection class IEC	Safety class I
Mech. impact protection code	IK07
Ingress protection code	IP65

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
911401502742	BCP500 G4 LED85/NW PSU S-WB	4000 K	160 lm/W	8,496 lm
911401502842	BCP500 G4 LED85/NW PSU S-MB	4000 K	160 lm/W	8,496 lm
911401503042	BCP500 G4 LED85/CW PSU S-WB	6500 K	160 lm/W	8,496 lm
911401503142	BCP500 G4 LED85/CW PSU S-MB	6500 K	160 lm/W	8,496 lm
911401503342	BCP500 G4 LED125/NW PSU S-WB	4000 K	159 lm/W	12,638 lm
911401503442	BCP500 G4 LED125/NW PSU S-MB	4000 K	159 lm/W	12,638 lm
911401503642	BCP500 G4 LED125/CW PSU S-WB	6500 K	159 lm/W	12,638 lm
911401503742	BCP500 G4 LED125/CW PSU S-MB	6500 K	159 lm/W	12,638 lm
911401503942	BCP500 G4 LED140/NW PSU S-WB	4000 K	155 lm/W	14,079 lm
911401504042	BCP500 G4 LED140/NW PSU S-MB	4000 K	155 lm/W	14,079 lm
911401504242	BCP500 G4 LED140/CW PSU S-WB	6500 K	155 lm/W	14,079 lm
911401504342	BCP500 G4 LED140/CW PSU S-MB	6500 K	155 lm/W	14,079 lm
911401504542	BCP500 G4 LED180/NW PSU S-WB	4000 K	148 lm/W	18,066 lm
911401504642	BCP500 G4 LED180/NW PSU S-MB	4000 K	148 lm/W	18,066 lm
911401504842	BCP500 G4 LED180/CW PSU S-WB	6500 K	148 lm/W	18,066 lm
911401504942	BCP500 G4 LED180/CW PSU S-MB	6500 K	148 lm/W	18,066 lm
911401593132	BBP500 G4 LED85/NW PSU S-WB	4000 K	160 lm/W	8,496 lm
911401593232	BBP500 G4 LED85/NW PSU S-MB	4000 K	160 lm/W	8,496 lm
911401593432	BBP500 G4 LED85/CW PSU S-WB	6500 K	160 lm/W	8,496 lm
911401593532	BBP500 G4 LED85/CW PSU S-MB	6500 K	160 lm/W	8,496 lm
911401593732	BBP500 G4 LED125/NW PSU S-WB	4000 K	159 lm/W	12,638 lm
911401593832	BBP500 G4 LED125/NW PSU S-MB	4000 K	159 lm/W	12,638 lm
911401594032	BBP500 G4 LED125/CW PSU S-WB	6500 K	159 lm/W	12,638 lm
911401594132	BBP500 G4 LED125/CW PSU S-MB	6500 K	159 lm/W	12,638 lm
911401594332	BBP500 G4 LED140/NW PSU S-WB	4000 K	155 lm/W	14,079 lm
911401594432	BBP500 G4 LED140/NW PSU S-MB	4000 K	155 lm/W	14,079 lm
911401594632	BBP500 G4 LED140/CW PSU S-WB	6500 K	155 lm/W	14,079 lm
911401594732	BBP500 G4 LED140/CW PSU S-MB	6500 K	155 lm/W	14,079 lm
911401594932	BBP500 G4 LED180/NW PSU S-WB	4000 K	148 lm/W	18,066 lm

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Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
911401595032	BBP500 G4 LED180/NW PSU S-MB	4000 K	148 lm/W	18,066 lm
911401595232	BBP500 G4 LED180/CW PSU S-WB	6500 K	148 lm/W	18,066 lm
911401595332	BBP500 G4 LED180/CW PSU S-MB	6500 K	148 lm/W	18,066 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401502742	BCP500 G4 LED85/NW PSU S-WB	53 W	911401593132	BBP500 G4 LED85/NW PSU S-WB	53 W
911401502842	BCP500 G4 LED85/NW PSU S-MB	53 W	911401593232	BBP500 G4 LED85/NW PSU S-MB	53 W
911401503042	BCP500 G4 LED85/CW PSU S-WB	53 W	911401593432	BBP500 G4 LED85/CW PSU S-WB	53 W
911401503142	BCP500 G4 LED85/CW PSU S-MB	53 W	911401593532	BBP500 G4 LED85/CW PSU S-MB	53 W
911401503342	BCP500 G4 LED125/NW PSU S-WB	79 W	911401593732	BBP500 G4 LED125/NW PSU S-WB	79 W
911401503442	BCP500 G4 LED125/NW PSU S-MB	79 W	911401593832	BBP500 G4 LED125/NW PSU S-MB	79 W
911401503642	BCP500 G4 LED125/CW PSU S-WB	79 W	911401594032	BBP500 G4 LED125/CW PSU S-WB	79 W
911401503742	BCP500 G4 LED125/CW PSU S-MB	79 W	911401594132	BBP500 G4 LED125/CW PSU S-MB	79 W
911401503942	BCP500 G4 LED140/NW PSU S-WB	91 W	911401594332	BBP500 G4 LED140/NW PSU S-WB	91 W
911401504042	BCP500 G4 LED140/NW PSU S-MB	91 W	911401594432	BBP500 G4 LED140/NW PSU S-MB	91 W
911401504242	BCP500 G4 LED140/CW PSU S-WB	91 W	911401594632	BBP500 G4 LED140/CW PSU S-WB	91 W
911401504342	BCP500 G4 LED140/CW PSU S-MB	91 W	911401594732	BBP500 G4 LED140/CW PSU S-MB	91 W
911401504542	BCP500 G4 LED180/NW PSU S-WB	122 W	911401594932	BBP500 G4 LED180/NW PSU S-WB	122 W
911401504642	BCP500 G4 LED180/NW PSU S-MB	122 W	911401595032	BBP500 G4 LED180/NW PSU S-MB	122 W
911401504842	BCP500 G4 LED180/CW PSU S-WB	122 W	911401595232	BBP500 G4 LED180/CW PSU S-WB	122 W
911401504942	BCP500 G4 LED180/CW PSU S-MB	122 W	911401595332	BBP500 G4 LED180/CW PSU S-MB	122 W

Temperature

Order Code	Full Product Name	Ambient temperature range	Order Code	Full Product Name	Ambient temperature range
911401502742	BCP500 G4 LED85/NW PSU S-WB	-40 to +50 °C	911401593132	BBP500 G4 LED85/NW PSU S-WB	-40 to +50 °C
911401502842	BCP500 G4 LED85/NW PSU S-MB	-40 to +50 °C	911401593232	BBP500 G4 LED85/NW PSU S-MB	-40 to +50 °C
911401503042	BCP500 G4 LED85/CW PSU S-WB	-40 to +50 °C	911401593432	BBP500 G4 LED85/CW PSU S-WB	-40 to +50 °C
911401503142	BCP500 G4 LED85/CW PSU S-MB	-40 to +50 °C	911401593532	BBP500 G4 LED85/CW PSU S-MB	-40 to +50 °C
911401503342	BCP500 G4 LED125/NW PSU S-WB	-40 to +50 °C	911401593732	BBP500 G4 LED125/NW PSU S-WB	-40 to +50 °C
911401503442	BCP500 G4 LED125/NW PSU S-MB	-40 to +50 °C	911401593832	BBP500 G4 LED125/NW PSU S-MB	-40 to +50 °C
911401503642	BCP500 G4 LED125/CW PSU S-WB	-40 to +50 °C	911401594032	BBP500 G4 LED125/CW PSU S-WB	-40 to +50 °C
911401503742	BCP500 G4 LED125/CW PSU S-MB	-40 to +50 °C	911401594132	BBP500 G4 LED125/CW PSU S-MB	-40 to +50 °C
911401503942	BCP500 G4 LED140/NW PSU S-WB	-40 to +50 °C	911401594332	BBP500 G4 LED140/NW PSU S-WB	-40 to +50 °C
911401504042	BCP500 G4 LED140/NW PSU S-MB	-40 to +50 °C	911401594432	BBP500 G4 LED140/NW PSU S-MB	-40 to +50 °C
911401504242	BCP500 G4 LED140/CW PSU S-WB	-40 to +50 °C	911401594632	BBP500 G4 LED140/CW PSU S-WB	-40 to +50 °C
911401504342	BCP500 G4 LED140/CW PSU S-MB	-40 to +50 °C	911401594732	BBP500 G4 LED140/CW PSU S-MB	-40 to +50 °C
911401504542	BCP500 G4 LED180/NW PSU S-WB	-40 to +45 °C	911401594932	BBP500 G4 LED180/NW PSU S-WB	-40 to +45 °C
911401504642	BCP500 G4 LED180/NW PSU S-MB	-40 to +45 °C	911401595032	BBP500 G4 LED180/NW PSU S-MB	-40 to +45 °C
911401504842	BCP500 G4 LED180/CW PSU S-WB	-40 to +45 °C	911401595232	BBP500 G4 LED180/CW PSU S-WB	-40 to +45 °C
911401504942	BCP500 G4 LED180/CW PSU S-MB	-40 to +45 °C	911401595332	BBP500 G4 LED180/CW PSU S-MB	-40 to +45 °C

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