



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

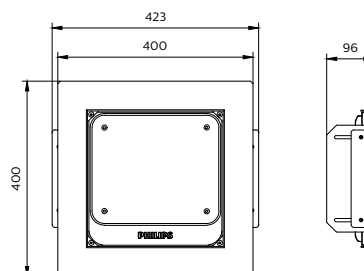
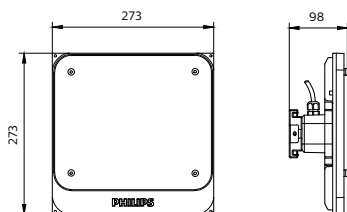
- Petrol and Convenience
- Parking Garages
- Food Processing

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	
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	Clear glass
Housing Color	White
Mech. impact protection code	IK07
Ingress protection code	IP65
Approval and Application	
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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
911401502742	BCP500 G4 LED85/NW PSU S-WB	53 W
911401502842	BCP500 G4 LED85/NW PSU S-MB	53 W
911401503042	BCP500 G4 LED85/CW PSU S-WB	53 W
911401503142	BCP500 G4 LED85/CW PSU S-MB	53 W
911401503342	BCP500 G4 LED125/NW PSU S-WB	79 W
911401503442	BCP500 G4 LED125/NW PSU S-MB	79 W
911401503642	BCP500 G4 LED125/CW PSU S-WB	79 W
911401503742	BCP500 G4 LED125/CW PSU S-MB	79 W
911401503942	BCP500 G4 LED140/NW PSU S-WB	91 W
911401504042	BCP500 G4 LED140/NW PSU S-MB	91 W
911401504242	BCP500 G4 LED140/CW PSU S-WB	91 W
911401504342	BCP500 G4 LED140/CW PSU S-MB	91 W
911401504542	BCP500 G4 LED180/NW PSU S-WB	122 W
911401504642	BCP500 G4 LED180/NW PSU S-MB	122 W
911401504842	BCP500 G4 LED180/CW PSU S-WB	122 W
911401504942	BCP500 G4 LED180/CW PSU S-MB	122 W

Order Code	Full Product Name	Power Consumption
911401593132	BBP500 G4 LED85/NW PSU S-WB	53 W
911401593232	BBP500 G4 LED85/NW PSU S-MB	53 W
911401593432	BBP500 G4 LED85/CW PSU S-WB	53 W
911401593532	BBP500 G4 LED85/CW PSU S-MB	53 W
911401593732	BBP500 G4 LED125/NW PSU S-WB	79 W
911401593832	BBP500 G4 LED125/NW PSU S-MB	79 W
911401594032	BBP500 G4 LED125/CW PSU S-WB	79 W
911401594132	BBP500 G4 LED125/CW PSU S-MB	79 W
911401594332	BBP500 G4 LED140/NW PSU S-WB	91 W
911401594432	BBP500 G4 LED140/NW PSU S-MB	91 W
911401594632	BBP500 G4 LED140/CW PSU S-WB	91 W
911401594732	BBP500 G4 LED140/CW PSU S-MB	91 W
911401594932	BBP500 G4 LED180/NW PSU S-WB	122 W
911401595032	BBP500 G4 LED180/NW PSU S-MB	122 W
911401595232	BBP500 G4 LED180/CW PSU S-WB	122 W
911401595332	BBP500 G4 LED180/CW PSU S-MB	122 W

Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401502742	BCP500 G4 LED85/NW PSU S-WB	-40 to +50 °C
911401502842	BCP500 G4 LED85/NW PSU S-MB	-40 to +50 °C
911401503042	BCP500 G4 LED85/CW PSU S-WB	-40 to +50 °C
911401503142	BCP500 G4 LED85/CW PSU S-MB	-40 to +50 °C
911401503342	BCP500 G4 LED125/NW PSU S-WB	-40 to +50 °C
911401503442	BCP500 G4 LED125/NW PSU S-MB	-40 to +50 °C
911401503642	BCP500 G4 LED125/CW PSU S-WB	-40 to +50 °C
911401503742	BCP500 G4 LED125/CW PSU S-MB	-40 to +50 °C
911401503942	BCP500 G4 LED140/NW PSU S-WB	-40 to +50 °C
911401504042	BCP500 G4 LED140/NW PSU S-MB	-40 to +50 °C
911401504242	BCP500 G4 LED140/CW PSU S-WB	-40 to +50 °C
911401504342	BCP500 G4 LED140/CW PSU S-MB	-40 to +50 °C
911401504542	BCP500 G4 LED180/NW PSU S-WB	-40 to +45 °C
911401504642	BCP500 G4 LED180/NW PSU S-MB	-40 to +45 °C
911401504842	BCP500 G4 LED180/CW PSU S-WB	-40 to +45 °C
911401504942	BCP500 G4 LED180/CW PSU S-MB	-40 to +45 °C

Order Code	Full Product Name	Ambient temperature range
911401593132	BBP500 G4 LED85/NW PSU S-WB	-40 to +50 °C
911401593232	BBP500 G4 LED85/NW PSU S-MB	-40 to +50 °C
911401593432	BBP500 G4 LED85/CW PSU S-WB	-40 to +50 °C
911401593532	BBP500 G4 LED85/CW PSU S-MB	-40 to +50 °C
911401593732	BBP500 G4 LED125/NW PSU S-WB	-40 to +50 °C
911401593832	BBP500 G4 LED125/NW PSU S-MB	-40 to +50 °C
911401594032	BBP500 G4 LED125/CW PSU S-WB	-40 to +50 °C
911401594132	BBP500 G4 LED125/CW PSU S-MB	-40 to +50 °C
911401594332	BBP500 G4 LED140/NW PSU S-WB	-40 to +50 °C
911401594432	BBP500 G4 LED140/NW PSU S-MB	-40 to +50 °C
911401594632	BBP500 G4 LED140/CW PSU S-WB	-40 to +50 °C
911401594732	BBP500 G4 LED140/CW PSU S-MB	-40 to +50 °C
911401594932	BBP500 G4 LED180/NW PSU S-WB	-40 to +45 °C
911401595032	BBP500 G4 LED180/NW PSU S-MB	-40 to +45 °C
911401595232	BBP500 G4 LED180/CW PSU S-WB	-40 to +45 °C
911401595332	BBP500 G4 LED180/CW PSU S-MB	-40 to +45 °C

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