



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

GreenPerform Canopy Mini500 G4

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

Versions



GreenPerform Canopy Mini500 G7



GreenPerform Canopy Mini500 G8



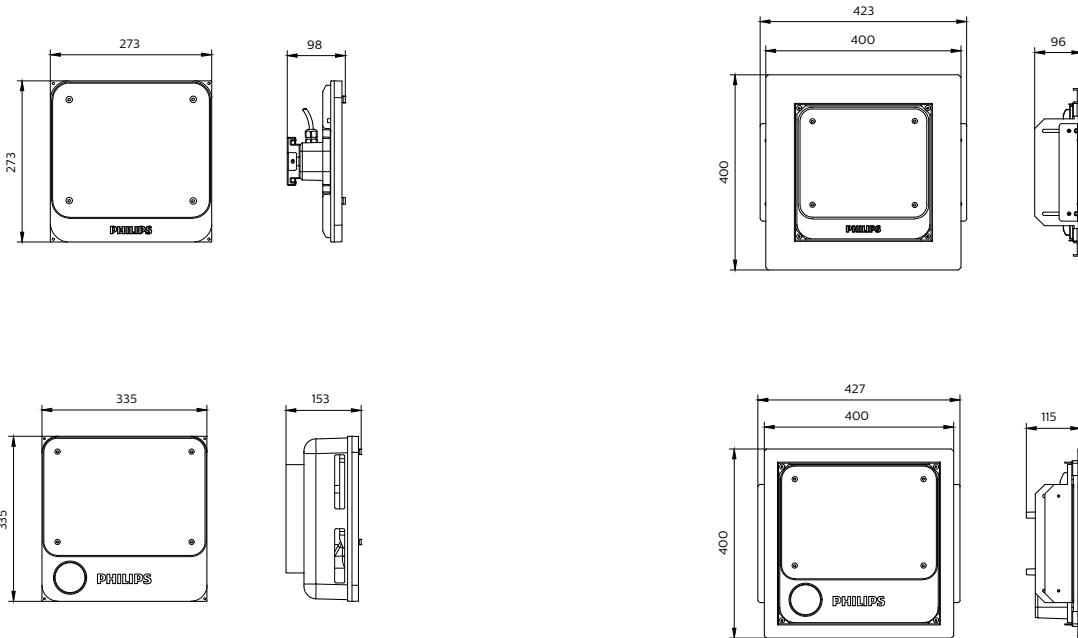
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GreenPerform Canopy Mini500 G5

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Dimensional drawing



General Information

Service tag	Yes
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Light Technical

Correlated Color Temperature (Nom)	4000 K
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

Mechanical and Housing

Housing Color	White
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%
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Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401504542	BCP500 G4 LED180/NW PSU S-WB	148 lm/W	18,066 lm
911401511742	BCP500 G4 LED180/NW PSU S-WB PC	145 lm/W	17,677 lm
911401506942	BCP500 G4 LED180/NW PSD S-WB	142 lm/W	18,066 lm
911401502142	BBP500 G4 LED180/NW PSU S-WB PC	145 lm/W	17,677 lm
911401594932	BBP500 G4 LED180/NW PSU S-WB	148 lm/W	18,066 lm
911401597332	BBP500 G4 LED180/NW PSD S-WB	142 lm/W	18,066 lm

Operating and Electrical

GreenPerform Canopy Mini500 G4

Order Code	Full Product Name	Power Consumption
911401504542	BCP500 G4 LED180/NW PSU S-WB	122 W
911401511742	BCP500 G4 LED180/NW PSU S-WB PC	122 W
911401506942	BCP500 G4 LED180/NW PSD S-WB	128 W

Order Code	Full Product Name	Power Consumption
911401502142	BBP500 G4 LED180/NW PSU S-WB PC	122 W
911401594932	BBP500 G4 LED180/NW PSU S-WB	122 W
911401597332	BBP500 G4 LED180/NW PSD S-WB	128 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401504542	BCP500 G4 LED180/NW PSU S-WB	No
911401511742	BCP500 G4 LED180/NW PSU S-WB PC	No
911401506942	BCP500 G4 LED180/NW PSD S-WB	DALI

Order Code	Full Product Name	Dimmable
911401502142	BBP500 G4 LED180/NW PSU S-WB PC	No
911401594932	BBP500 G4 LED180/NW PSU S-WB	No
911401597332	BBP500 G4 LED180/NW PSD S-WB	DALI

Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Mech. impact protection code
911401504542	BCP500 G4 LED180/NW PSU S-WB	Clear glass	IK07
911401511742	BCP500 G4 LED180/NW PSU S-WB PC	Polycarbonate	IK08
911401506942	BCP500 G4 LED180/NW PSD S-WB	Clear glass	IK07

Order Code	Full Product Name	Optical cover type	Mech. impact protection code
911401502142	BBP500 G4 LED180/NW PSU S-WB PC	Polycarbonate	IK08
911401594932	BBP500 G4 LED180/NW PSU S-WB	Clear glass	IK07
911401597332	BBP500 G4 LED180/NW PSD S-WB	Clear glass	IK07

Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401504542	BCP500 G4 LED180/NW PSU S-WB	-40 to +45 °C
911401511742	BCP500 G4 LED180/NW PSU S-WB PC	-20 to +40 °C
911401506942	BCP500 G4 LED180/NW PSD S-WB	-40 to +50 °C

Order Code	Full Product Name	Ambient temperature range
911401502142	BBP500 G4 LED180/NW PSU S-WB PC	-20 to +40 °C
911401594932	BBP500 G4 LED180/NW PSU S-WB	-40 to +45 °C
911401597332	BBP500 G4 LED180/NW PSD S-WB	-40 to +50 °C

