



# 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

# 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 - 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

## Versions



GreenPerform Canopy Mini500 G7



GreenPerform Canopy Mini500 G8



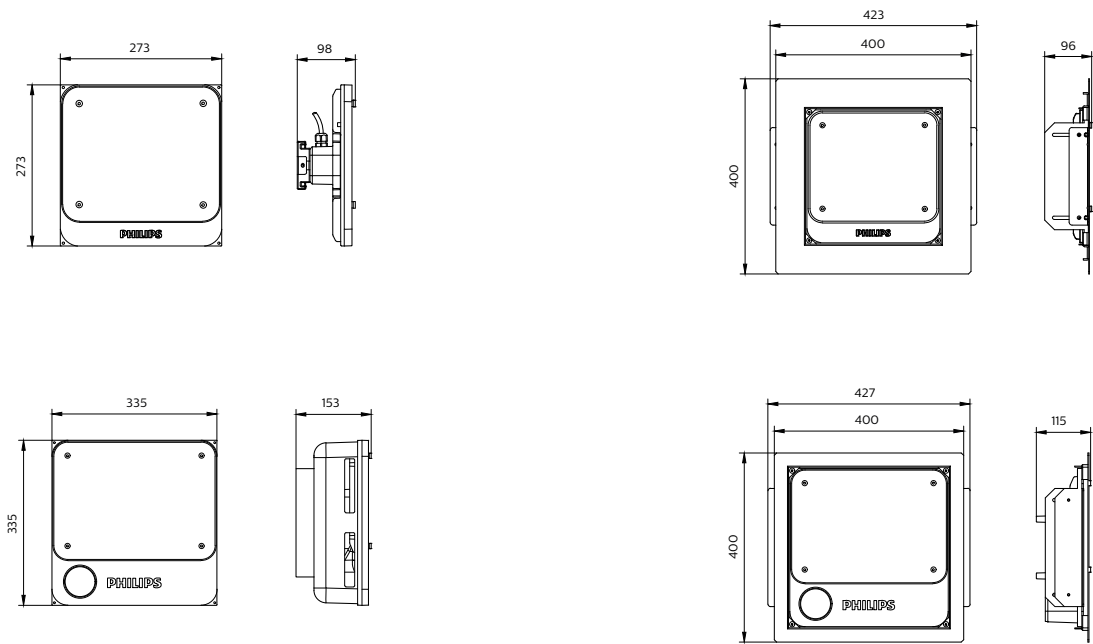
GreenPerform Canopy Mini500 G4



GreenPerform Canopy Mini500 G5

# GreenPerform Canopy Mini500 G4

## Dimensional drawing



General Information	
Service tag	Yes
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%

## 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	Mech. impact	
		Optical cover type	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	Mech. impact	
		Optical cover type	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

