



# Mini 300 LED gen2 – manage lighting and energy by app

## Mini 300 LED gen2

With operating margins under pressure, companies are looking for ways to save energy. LED products like our Mini 300 LED gen2 luminaires are a perfect solution. Designed for petrol-station canopies and low-bay applications, these ultra-efficient retrofit fixtures offer outstanding light quality, effective thermal management, and a very long lifespan. Reduced maintenance, replacement and energy cost means a short payback period, making Mini 300 LED gen2 a shining example of how businesses can save money by opting for green products. A movement detector combined with a daylight sensor enables further energy savings. Our Mini 300 LED gen2 app gives users control in ways that are simply not possible with other luminaires – for instance, reading status and managing lighting from the floor by laptop or Smartphone via Bluetooth.

### Benefits

- Scheduler built into the luminaire
- Status can be read from the floor
- Additional energy savings possible with daylight sensor and movement-detection unit

### Features

- Wireless management for version with MDU and DLS via Bluetooth from Smartphone or laptop
- Highly efficient, upgradeable and long-life LEDGINE
- Easy to install, also retrofit into existing installations
- Option of built-in controls for maximum energy savings

# Mini 300 LED gen2

## Application

- Petrol and service stations
- Floodlighting
- Warehouses, DIY stores, production halls

## Specifications

<b>Type</b>	BBP400 (recessed version)
	BVS400 (floodlight version)
	BCS400 (surface-mounted version)
<b>Light source</b>	Integral LED-module
<b>Power (+/-10%)</b>	EconomyLine: 61 to 127 W, depending the configuration
	GreenLine: 39 to 72 W, depending the configuration
<b>Luminous flux</b>	EconomyLine: 5919 to 13,354 lm, depending the configuration
	GreenLine: 4122 to 8655 lm, depending the configuration
<b>Luminaire efficacy</b>	EconomyLine: up to 109 lm/W; GreenLine: up to 122 lm/W, depending the configuration
<b>Correlated Color Temperature</b>	5700 and 4000 K
<b>Color Rendering Index</b>	5700 K: >68
	4000 K: >76
<b>Maintenance of lumen output - L80F10</b>	EconomyLine: > 70,000 hours at 25 °C
	GreenLine: > 100,000 hrs at 25 °C
<b>Driver failure rate</b>	0.05% per 5000 hours
<b>Operating temperature range</b>	-30 to +40 °C

<b>Driver</b>	Integrated
<b>Mains voltage</b>	110-240V / 50-60 Hz
<b>Inrush current</b>	108 A at 140 µs
<b>Dimming</b>	External dimming: 1-10 V or DALI
	Dynadimmer
	By scheduler
<b>Options</b>	Wireless connection via Bluetooth
	Photocell regulated
	Movement sensor (MDU)
	Constant Light Output (CLO)
	Scheduler via app
	Stand alone dimming via Dynadimmer
	External dimming 1-10 V
	External dimming DALI
	Fuses
	Swimming pool coating
Marine salt protected coating	
Surge protection up to 10 kV	
Master / slave unit	

## Specifications

<b>Optic</b>	Symmetrical medium beam (PRM)
	Symmetrical wide beam (PRW)
	Symmetrical extra-wide beam (S)
	Asymmetrical medium beam (PAM)
	Asymmetrical wide beam (A)
	Distribution medium road (DM)
<b>Optical cover</b>	Glass, flat
<b>Material</b>	Housing: high-pressure, die-cast aluminum
	Optics: plastic (PMMA)
	Gasket: silicone rubber, heat resistant
	Cover: glass, thermally hardened
<b>Color</b>	White (RAL 9010), silver (RAL 9006), grey (10714) or black (RAL9005)
	Other RAL or AKZO colors available on request
<b>Connection</b>	Watertight clamps connection device

<b>Installation</b>	BBP400 Recessed ceiling mounting
	- Recessed mounting frame to be supplied with the luminaire in the same box, when selected
	- Suspension kit to be supplied with the luminaire in the same box, when selected
	- Electrical connection by means of pre-wired cable and plug and socket terminal block supplied with the luminaire
	BCS400 surface-mounted version
	- Surface mounting frame is delivered with the luminaires
	- Suspension kit to be supplied with the luminaire in the same box, when selected
	BVS400 floodlight version
	- Integrated handle
	- Electrical connection by means of pre-wired cable and plug and socket terminal block supplied with the luminaire
<b>Accessories</b>	Ceiling mounting frame for BBP400
	Suspension kit for BBP400 or BCS400
<b>Remarks</b>	Wireless connection via Bluetooth - only version with sensor
	Free app to download from Philips website

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## Versions

Mini 300 LED BCS400 surface-mounted luminaire



## Product details



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