



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

Application

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

Mini 300 LED gen2

Specifications

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

Driver	Integrated
Mains voltage	110-240V / 50-60 Hz
Inrush current	108 A at 140 µs
Dimming	External dimming: 1-10 V or DALI
	Dynadimmer
	By scheduler
Options	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

Optic	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)
Optical cover	Glass, flat
Material	Housing: high-pressure, die-cast aluminum
	Optics: plastic (PMMA)
	Gasket: silicone rubber, heat resistant
	Cover: glass, thermally hardened
Color	White (RAL 9010), silver (RAL 9006), grey (10714) or black (RAL9005)
	Other RAL or AKZO colors available on request
Connection	Watertight clamps connection device
Installation	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

Accessories	Ceiling mounting frame for BBP400
	Suspension kit for BBP400 or BCS400
Remarks	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

