Mini 300 LED gen2 – Controlable, Manageable & Energy Efficient canopy lighting

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The Mini 300 LED gen2 luminaires provides highly efficient, controlable and manageable lighting solutions for petrols station canopies and low bay applications.These ultra-efficient retrofit LED fixtures are the latest development of the Philips Mini 300 range offering outstanding light quality, effective thermal management, and long lifespan. Reduced maintenance, replacement and energy costs also mean a short payback period, making Mini 300 LED gen2 a shining example of how businesses can save money without compromising on light quality by opting for energy efficient LED products. The integrated movement detector, daylight sensor and scheduler options enabls further energy savings.Our Mini 300 LED gen2 app gives users control in ways that are simply not possible with other luminaires – reading status, managing and controlling lighting from ground level using a laptop or Smartphone via Bluetooth - removing the need for access cranes or ladders.

Benefits
• Highly efficient, upgradeable, long-life Philips LEDGINE platform
• Status can be read and luminaire controlled from the floor via Bluetooth connectivity
• Additional energy savings possible with daylight sensor and movement detection unit

Features
• Wireless management via Bluetooth from Smartphone or laptop
• Easy to install to both new and retrofit into existing installations
• Option of built-in controls for maximum energy savings
• Recessed, surface mounted and floodlight mounting available
• Suspension mounting kit available

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Application
• Petrol and service stations
• Floodlighting
• Warehouses, DIY stores, production halls

Specifications

Type	BBP400 (recessed version)	**Maintenance of lumen**	EconomyLine: >70,000 hrs at 25ºC
	BVS400 (floodlight version)	**output - L80F10**	GreenLine: >100,000 hrs at 25ºC
	BCS400 (surface-mounted version)	**Driver failure rate**	0.05% per 5000 hours
Light source	Integral LED-module	**Operating temperature**	-30 to +40ºC
Power (+/-10%)	EconomyLine: 61 to 127 W, depending the configuration	**range**	
	GreenLine: 39 to 72 W, depending the configuration	**Driver**	Integrated
Luminous flux	EconomyLine: 5919 to 13,354 lm, depending the configuration	**Power/Data supply**	PSU, PSR or PSD
	GreenLine: 4122 to 8655 lm, depending the configuration	**Mains voltage**	110-240V / 50-60 Hz
Luminaire efficacy	EconomyLine: up to 109 lm/W; GreenLine: up to 122 lm/W,	**Inrush current**	108 A at 140 µs
	depending the configuration	**Dimming**	1-10 V or Dali
Correlated Colour	5700K and 4000K	**Controls system input**	1-10 V
Temperature			
Colour Rendering Index	5700K: >68		
	4000K: >76		

Specifications

Optic	Symmetrical medium beam (PRM)	**Installation**	BBP400 Recessed ceiling mounting
	Symmetrical wide beam (PRW)		- Recessed mounting frame to be supplied with the luminaire in the same box, when selected
	Symmetrical extra-wide beam (S)		- Suspension kit to be supplied with the luminaire in the same box, when selected
	Asymmetrical medium beam (PAM)		- Electrical connection by means of pre-wired cable and plug and socket terminal block supplied with the luminaire
	Asymmetrical wide beam (A)		BCS400 surface-mounted version
	Distribution medium road (DM)		- Surface mounting frame is delivered with the luminaires
Optical cover	Glass, flat		- Suspension kit to be supplied with the luminaire in the same box, when selected
Material	Housing: high-pressure, die-cast aluminium		BVS400 floodlight version
	Cover: glass, thermally hardened		- Integrated handle
Colour	White (RAL 9010), silver (RAL 9006), grey (10714) or black (RAL9005)		- Electrical connection by means of pre-wired cable and plug and socket terminal block supplied with the luminaire
	Other RAL or AKZO colours available on request		
Connection	Watertight clamps connection device		

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Versions

Product details

www.lighting.philips.com

2018, July 18 - data subject to change