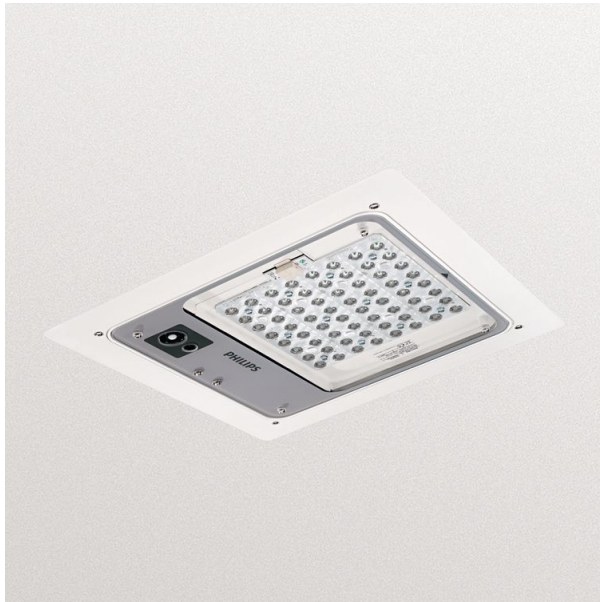




Mini 300 LED gen2

BBP400 GRN94-2S/657 I PRM WH MDU CFRM-1

BBP400 - LED GreenLine 9400 lm - Petrol rotational symmetric medium - Movement detection unit

The Mini 300 LED gen2 luminaires provides highly efficient, controllable 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 enables 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.

Product data

• General information

Product family code	BBP400 [BBP400]
Lamp family code	GRN94 [LED GreenLine 9400 lm]
Lamp version	2S [2nd generation, screw fixation]
Lamp colour code	657 [657 daylight]
Light source replaceable	Yes [Yes]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes [Yes]
Protection class IEC	I [Safety class I]
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type	PRM [Petrol rotational symmetric medium]
Optical cover/lens type	FG [Glass flat]
Colour	WH [White]
Standard RAL colour	9010 [Pure white]
Coating	No [-]
Embedded control	MDU [Movement detection unit]
Dimmable	Yes [Yes]
Light regulation	No [-]
Photocell	No [-]
Surge protection	No [-]
Connection	SI [Screw connection block]
Cable	C2000SI [Cable 2.0 m with screw connector]
Gland for mains supply	1PG12 [Cable gland 1x PG 12 mm]

Gland for dimming signal	1PG12 [Cable gland 1x PG 12 mm]
Glow-wire test	960/5 [Temperature 960 °C, duration 5 s]
CE mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]
Flammability mark	No [-]
Master-slave unit	No [-]

• Light technical

Light distribution	S [Symmetric]
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• Electrical

Input voltage	110-240 V [110 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

• Mechanical

Housing material	ALU [Aluminium]
Optic material	AC [Acrylate]
Optical cover/lens material	G [Glass]
Suspension accessories	No [-]
Ceiling mounting accessories	CFRM-1 [Ceiling frame for recessed mounting version 1]

• Initial perform. (IEC compliant)

Initial input power	77 W [77 W]
Initial luminous flux	8136 Lm



PHILIPS

Mini 300 LED gen2

Initial LED luminaire efficacy 105 Lm/W
Lamp colour temperature 5700 [5700 K]
Colour Rendering Index 68 [68]

• Over time perform. (IEC compliant)

Lifetime L80F10 100000 hr
Driver failure rate at 5000 h 0.1 %

• Application conditions

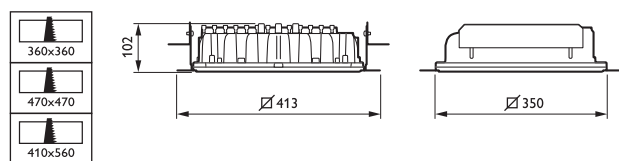
Ambient temperature range -30 to +40°C [-30 to +40 °C]

• Product Data

Order code 067894 00
Full product code 871829106789400
Full product name BBP400 GRN94-2S/657 I PRM WH MDU CFRM-1
Order product name BBP400 GRN94-2S/657 I PRM WH MDU CFRM-1
Pieces per pack 0
Packs per outerbox 1
Bar code on outerbox - EAN3 8718291067894
Logistic code(s) - 12NC 910925691512
Net weight per piece 9.130 kg



Dimensional drawing



BBP400 GRN94-2S/657 I PRM WH MDU CFRM-1



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2014, April 10
data subject to change