

Mini 300 LED gen2

BBP400 ECO136-3S/757 I PRM WH MDU PH CFR

Mini300 LED gen2, LED EconomyLine 13600 lm, Petrol rotational symmetric medium, Movement detection unit, Photocell included

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.

Product data

General Information	
Lamp family code	ECO136 [LED EconomyLine 13600 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Photocell	Photocell included
Light source engine type	LED
Product family code	BBP400 [Mini300 LED gen2]
Lighting Technology	LED
Embedded control	Movement detection unit

CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 960 °C, duration 5 s
EU RoHS compliant	No

Light Technical	
Upwards light output ratio	0
Luminous Flux	14,300 lm

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Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	5700 K
Luminous efficacy (rated) (nom.)	125 lm/W
Colour rendering index (CRI)	≥70
Light source colour	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	114°
Optic type outdoor	Petrol rotational symmetric medium

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	100 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	Cable 2.0 m with screw connector
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-30 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	-
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Colour	White
Mounting device	-
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall length	413 mm
Overall width	413 mm
Overall height	95 mm
Effective projected area	0 m²
Dimensions (height x width x depth)	95 x 413 x 413 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge-protection level
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.341, 0.329) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.1 %

Application Conditions

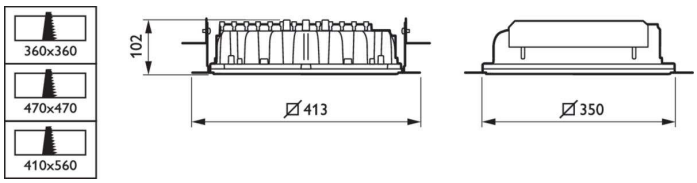
Maximum dim level	10%

Product Data

Order product name	BBP400 ECO136-3S/757 I PRM WH MDU PH CFR
Full product name	BBP400 ECO136-3S/757 I PRM WH MDU PH CFR
Full EOC	871829187797400
Order code	87797400
Material no. (12 NC)	910930205328
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291877974
Numerator – packs per outer box	1
EAN/UPC - Case	8718291877974

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Dimensional drawing



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