



# Mini 300 LED gen2

BBP400 ECO99-3S/740 II A WH MDU MWS PH S

Mini300 LED gen2, LED EconomyLine 9900 lm, Asymmetrical, Movement detection unit, Photocell included

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.

## Product data

General Information		Flammability mark	
Lamp family code	ECO99 [LED EconomyLine 9900 lm]	ENEC mark	ENEC mark
Light source replaceable	Yes	Glow-wire test	Temperature 960 °C, duration 5 s
Number of gear units	1 unit	EU RoHS compliant	No
Driver included	Yes	Light Technical	
Photocell	Photocell included	Upward light output ratio	0
Light source engine type	LED	Luminous Flux	10,400 lm
Product family code	BBP400 [Mini300 LED gen2]	Standard tilt angle posttop	0°
Lighting Technology	LED	Standard tilt angle side entry	0°
Embedded control	Movement detection unit	Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	122 lm/W
Warranty period	5 years		

## Mini 300 LED gen2

Color rendering index (CRI)	≥70
Number of light sources	40
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Asymmetrical

### 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	85 W
Power Factor (Fraction)	0.97
Connection	Screw connector
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
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### 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	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Housing Color	White
Mounting device	Suspension set simple, standard
Optical cover shape	Convex lens
Optical cover 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 II

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.1 %
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### Application Conditions

Maximum dim level	10%
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### Product Data

Order product name	BBP400 ECO99-3S/740 II A WH MDU MWS PH S
Full product name	BBP400 ECO99-3S/740 II A WH MDU MWS PH S
Full product code	871829187782000
Order code	87782000
Material Nr. (12NC)	910930205320
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291877820
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291877820

## Dimensional drawing



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