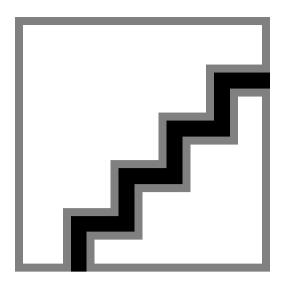
# **PHILIPS** Lighting



# Mini 300 LED gen2

# BBP400 EC075-3S/757 I PAM WH MDU PH CFRM

Mini300 LED gen2, LED EconomyLine 7500 lm, Petrol asymmetric medium, 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	
Lamp family code	ECO75 [LED EconomyLine 7500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	Photocell included
Light source engine type	LED
Product family code	BBP400 [Mini300 LED gen2]
Lighting Technology	LED
Glow-wire test	Temperature 960 °C, duration 5 s
Flammability mark	-

CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Movement detection unit
Light Technical	
Upward light output ratio	0
Luminous Flux	7,900 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

### Mini 300 LED gen2

Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥70
Number of light sources	32
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	104° x 98°
Optic type outdoor	Petrol asymmetric medium

220 to 240 V

50 to 60 Hz

46 A

0.97

-30 to +40 °C

Screw connection block 3-pole

Cable 2.0 m with screw connector

0.25 ms 54 W

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

IP65 [Dust penetration-protected, jet-proof]
IK08 [5 J vandal-protected]
Philips standard surge protection level
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

0.1 %

10%

#### **Over Time Performance (IEC Compliant)**

Driver	failure	rate	at 5000	h

#### Application Conditions

#### Product Data

Flouder Data	
Order product name	BBP400 ECO75-3S/757 I PAM WH MDU PH
	CFRM
Full product name	BBP400 ECO75-3S/757 I PAM WH MDU PH
	CFRM
Full product code	871829107645200
Order code	910930205263
Material Nr. (12NC)	910930205263
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291076452
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291076452

#### Temperature

Ambient temperature range

Number of products on MCB of 16 A type B 11

**Operating and Electrical** 

Input Voltage

Line Frequency

Inrush current

Power Consumption Power Factor (Fraction)

Inrush time

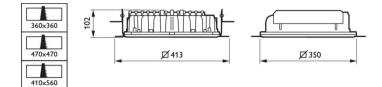
Connection

Cable

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	-
Optical cover shape	Convex lens
Optical cover finish	Clear

## Mini 300 LED gen2

#### Dimensional drawing





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