Mini 300 LED gen2

BBP400 ECO106-3S/757 I PAM WH CFRM-1

Mini300 LED gen2, 44, LED EconomyLine 10600 lm, LED, 78 W, Power supply unit regulating, Petrol asymmetric medium, Flat glass, 104° x 98°

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	ECO106 [LED EconomyLine 10600 lm]		Warranty period	5 years
Light source replaceable	Yes		Flammability mark	-
Number of gear units	1 unit		ENEC mark	ENEC mark
Driver included	Yes		Glow-wire test	Temperature 960 ℃, duration 5 s
Photocell	-		EU RoHS compliant	No
Light source engine type	LED			
Product family code	BBP400 [Mini300 LED gen2]		**Light Technical**	
Lighting Technology	LED		Upward light output ratio	0
Embedded control	-		Luminous Flux	11,100 lm
CE mark	Yes		Standard tilt angle posttop	0°
			Standard tilt angle side entry	0°

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Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥70
Number of light sources	44
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	104° x 98°
Optic type outdoor	Petrol asymmetric 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	78 W
Power Factor (Fraction)	0.96
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	No
Driver/power unit/transformer	Power supply unit regulating
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
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)

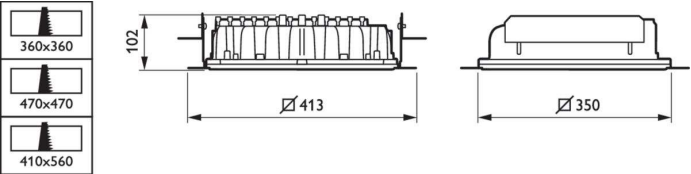|	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.341, 0.329) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.1 %

Product Data

Order product name	BBP400 ECO106-3S/757 I PAM WH CFRM-1
Full product name	BBP400 ECO106-3S/757 I PAM WH CFRM-1
Full product code	871829106752800
Order code	910930205493
Material Nr. (12NC)	910930205493
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291067528
Numerator – Packs per outer box	1
EAN/UPC – Case	8718291067528

Dimensional drawing

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www.lighting.philips.com

2023, September 4 – data subject to change