



# Mini 300 LED gen2

#### BBP400 ECO106-3S/757 I PRM WH D9 SNS CFR

Mini300 LED gen2, LED EconomyLine 10600 lm, Petrol rotational symmetric medium

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

Lamp family code         ECO106 [LED EconomyLine 10600 lm]           Light source replaceable         Yes
Light source replaceable Yes
Number of gear units 1 unit
Driver included Yes
Photocell -
Light source engine type LED
Product family code BBP400 [Mini300 LED gen2]
Lighting Technology LED
<b>Glow-wire test</b> 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	-
Light Technical	
Upward light output ratio	0
Luminous Flux	11,100 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W

Datasheet, 2023, September 4 data subject to change

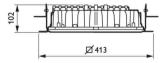
## Mini 300 LED gen2

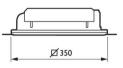
Color rendering index (CRI)	≥70
Number of light sources	44
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	114°
Optic type outdoor	Petrol rotational symmetric medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	78 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	Cable 2.0 m with screw connector
Temperature  Ambient temperature range	-30 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Davier complete with DALL interfere
Cambual imbanfa aa	Power supply unit with DALI interface
Control interface	DALI DALI Interface
Constant light output	
	DALI
Constant light output	DALI
Constant light output  Mechanical and Housing	DALI No
Constant light output  Mechanical and Housing  Housing Material	DALI No Aluminum
Mechanical and Housing Housing Material Reflector material	DALI No Aluminum
Mechanical and Housing Housing Material Reflector material Optic material	DALI No  Aluminum  - Acrylate
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	DALI No  Aluminum - Acrylate Glass
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	DALI No  Aluminum - Acrylate Glass Steel
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	DALI No  Aluminum - Acrylate Glass Steel
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	DALI No  Aluminum  - Acrylate Glass Steel White -

Overall width	413 mm	
Overall height	95 mm	
Effective projected area	O 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 %	
Application Conditions		
Maximum dim level	0% (digital)	
Product Data		
Order product name	BBP400 ECO106-3S/757 I PRM WH D9 SNS	
	CFR	
Full product name	BBP400 ECO106-3S/757 I PRM WH D9 SNS	
	CFR	
Full product code	871829107651300	
Order code	910930205268	
Material Nr. (12NC)	910930205268	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291076513	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291076513	

## Dimensional drawing







## Mini 300 LED gen2



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.