



Mini 300 LED gen2

BBP400 ECO106-3S/757 I PAM WH MDU MWS CF

Mini300 LED gen2, LED EconomyLine 10600 lm, Petrol asymmetric medium, Movement detection unit

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]
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
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	
Upward light output ratio	0
Luminous Flux	11,100 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W

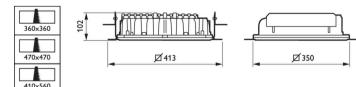
Datasheet, 2023, April 29 data subject to change

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	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 5-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	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Fixation material Housing Color	Steel White
Housing Color	
Housing Color Mounting device	White -

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 Compli	ant)
Driver failure rate at 5000 h	0.1 %
Application Conditions	
Maximum dim level	10%
Maximum dim level	10%
Maximum dim level Product Data	10%
	10% BBP400 ECO106-35/757 I PAM WH MDU
Product Data	
Product Data	BBP400 ECO106-3S/757 I PAM WH MDU
Product Data Order product name	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF
Product Data Order product name	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF BBP400 ECO106-3S/757 I PAM WH MDU
Product Data Order product name Full product name	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF BBP400 ECO106-3S/757 I PAM WH MDU MWS CF
Product Data Order product name Full product name Full product code	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF BBP400 ECO106-3S/757 I PAM WH MDU MWS CF 871829190893700
Product Data Order product name Full product name Full product code Order code	BBP400 EC0106-3S/757 I PAM WH MDU MWS CF BBP400 EC0106-3S/757 I PAM WH MDU MWS CF 871829190893700 90893700
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF BBP400 ECO106-3S/757 I PAM WH MDU MWS CF 871829190893700 90893700 910930205434
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF BBP400 ECO106-3S/757 I PAM WH MDU MWS CF 871829190893700 90893700 910930205434
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BBP400 ECO106-3S/757 I PAM WH MDU MWS CF BBP400 ECO106-3S/757 I PAM WH MDU MWS CF 871829190893700 90893700 910930205434 1 8718291908937

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.