



Mini 300 LED gen2

BBP400 ECO151-3S/757 I PRM WH D9 SNS CFR

Mini300 LED gen2, LED EconomyLine 15100 lm, Petrol rotational symmetric medium

The Mini 300 LED gen2 luminaires provides highly efficient, controlable and manageable lighting solutions for petrols station canopies and low bay applications. These ultra-efficient retrofit LED fixtures are the latest development of the Philips Mini 300 range offering outstanding light quality, effective thermal management, and long lifespan. Reduced maintenance, replacement and energy costs also mean a short payback period, making Mini 300 LED gen2 a shining example of how businesses can save money without compromising on light quality by opting for energy efficient LED products. The integrated movement detector, daylight sensor and scheduler options enabls further energy savings. Our Mini 300 LED gen2 app gives users control in ways that are simply not possible with other luminaires — reading status, managing and controlling lighting from ground level using a laptop or Smartphone via Bluetooth – removing the need for access cranes or ladders.

Product data

General Information	
Lamp family code	ECO151 [LED EconomyLine 15100 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BBP400 [Mini300 LED gen2]
Lighting Technology	LED
Embedded control	-
CE mark	Yes

5 years
-
ENEC mark
Temperature 960 °C, duration 5 s
No
0
15,800 lm
O°
O°

Datasheet, 2023, April 29 data subject to change

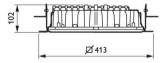
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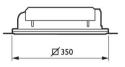
Correlated Colour Temperature	5700 K
Luminous efficacy (rated) (nom.)	124 lm/W
Colour rendering index (CRI)	≥70
Light source colour	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	114°
Optic type outdoor	Petrol rotational symmetric medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	108 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 5-pole
Cable	Cable 2.0 m with screw connector
Temperature	-30 to +40 °C
Ambient temperature range	-30 to +40 C
Controls and Dimming	
Dimmable	
Driver/power unit/transformer	Yes
	Yes Power supply unit with DALI interface
Control interface	
Control interface Constant light output	Power supply unit with DALI interface
Constant light output	Power supply unit with DALI interface DALI
Constant light output Mechanical and Housing	Power supply unit with DALI interface DALI No
Constant light output Mechanical and Housing Housing material	Power supply unit with DALI interface DALI No Aluminium
Constant light output Mechanical and Housing Housing material Reflector material	Power supply unit with DALI interface DALI No Aluminium
Mechanical and Housing Housing material Reflector material Optic material	Power supply unit with DALI interface DALI No Aluminium - Acrylate
Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material	Power supply unit with DALI interface DALI No Aluminium - Acrylate Glass
Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material	Power supply unit with DALI interface DALI No Aluminium - Acrylate Glass Steel
Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour	Power supply unit with DALI interface DALI No Aluminium - Acrylate Glass
Constant light output Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour Mounting device	Power supply unit with DALI interface DALI No Aluminium - Acrylate Glass Steel White -
Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour	Power supply unit with DALI interface DALI No Aluminium - Acrylate Glass Steel

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 Compli	ant)
Driver failure rate at 5,000 hours	0.1 %
Application Conditions	
Maximum dim level	0% (digital)
Maximum dim level	0% (digital)
Maximum dim level Product Data	0% (digital)
	0% (digital) BBP400 EC0151-3S/757 PRM WH D9 SNS
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Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	BBP400 ECO151-3S/757 I PRM WH D9 SNS CFR BBP400 ECO151-3S/757 I PRM WH D9 SNS CFR 871829187806300 87806300 910930205333
Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	BBP400 EC0151-3S/757 I PRM WH D9 SNS CFR BBP400 EC0151-3S/757 I PRM WH D9 SNS CFR 871829187806300 87806300 910930205333
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Dimensional drawing







Mini 300 LED gen2



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