



Mini 300 LED gen2

BBP400 ECO151-3S/757 I A WH MSP D9 SNS C

Mini300 LED gen2, LED EconomyLine 15100 lm, Asymmetrical

The Mini 300 LED gen2 luminaires provides highly efficient, controllable 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 enables 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		Light Technical	
Lamp family code	ECO151 [LED EconomyLine 15100 lm]	Upward light output ratio	0
Light source replaceable	Yes	Luminous Flux	15,800 lm
Number of gear units	1 unit	Standard tilt angle posttop	0°
Driver included	Yes	Standard tilt angle side entry	0°
Photocell	-	Correlated Color Temperature (Nom)	5700 K
Light source engine type	LED	Luminous Efficacy (rated) (Nom)	124 lm/W
Product family code	BBP400 [Mini300 LED gen2]	Color rendering index (CRI)	≥70
Lighting Technology	LED	Number of light sources	60
Embedded control	-		
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		

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Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Asymmetrical

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
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-30 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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 %
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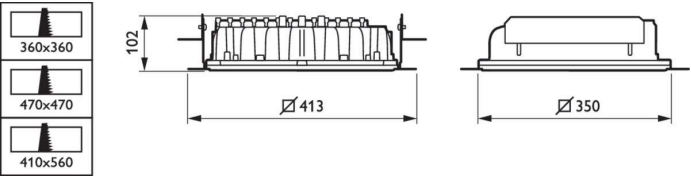
Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BBP400 ECO151-3S/757 I A WH MSP D9 SNS C
Full product name	BBP400 ECO151-3S/757 I A WH MSP D9 SNS C
Full product code	871829187827800
Order code	910930205349
Material Nr. (12NC)	910930205349
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291878278
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291878278

Dimensional drawing



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