



# Mini 300 LED gen2

#### BBP400 ECO151-3S/757 I A WH MSP MDU MWS

Mini300 LED gen2, LED EconomyLine 15100 lm, Asymmetrical, Movement detection unit, Photocell included

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**

ECO151 [LED EconomyLine 15100 lm]
Yes
1 unit
Yes
Photocell included
LED
BBP400 [Mini300 LED gen2]
LED
Movement detection unit
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	15,800 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°

Datasheet, 2023, August 2 data subject to change

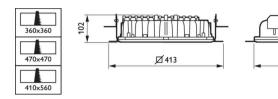
## Mini 300 LED gen2

Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	≥70
Number of light sources	60
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Asymmetrical
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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 3-pole
Cable	Cable 2.0 m with screw connector
Number of products on MCB of 16 A type	<b>B</b> 8
Temperature	
Ambient temperature range	-30 to +40 °C
Controls and Dimerring	
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating externa
Control interface	-
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 %	
Application Conditions		
Maximum dim level	10%	
Product Data		
Order product name	BBP400 ECO151-3S/757 I A WH MSP MDU	
	MWS	
Full product name	BBP400 ECO151-3S/757 I A WH MSP MDU	
	MWS	
Full product code	871829187826100	
Order code	910930205348	
Material Nr. (12NC)	910930205348	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291878261	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291878261	

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#### Dimensional drawing



**⊿**350



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