



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

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	ECO151 [LED EconomyLine 15100 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	Photocell included
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	15,800 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	124 lm/W

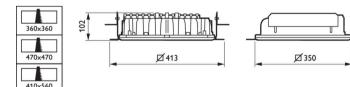
Datasheet, 2023, April 29 data subject to change

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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
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 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	
Mechanical and Housing Housing Material	Aluminum
	Aluminum -
Housing Material	Aluminum - Acrylate
Housing Material Reflector material	-
Housing Material Reflector material Optic material	- Acrylate
Housing Material Reflector material Optic material Optical cover material	- Acrylate Glass
Housing Material Reflector material Optic material Optical cover material Fixation material	- Acrylate Glass Steel
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	- Acrylate Glass Steel
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	- Acrylate Glass Steel 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 Compliant)	
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 ECO151-3S/757 I A WH MSP MDU
Product Data	
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Dimensional drawing



Mini 300 LED gen2



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