



# Mini 300 LED gen2

#### BBP400 ECO121-3S/757 I A WH MDU MWS PH C

Mini300 LED gen2, LED EconomyLine 12100 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

Lamp family code ECO121 [LED EconomyLine 12100 lm]  Light source replaceable Yes
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
<b>Glow-wire test</b> Temperature 960 °C, duration 5 s
Flammability mark -
CE mark Yes

ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Movement detection unit
Light Technical	
Upward light output ratio	0
Luminous Flux	12,700 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W

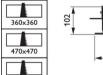
Datasheet, 2023, September 4 data subject to change

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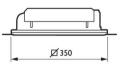
Color rendering index (CRI)	≥70
Number of light sources	48
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Asymmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	88 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	Cable 2.0 m with screw connector
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
Housing Color	White
Mounting device	-
Optical cover shape	Convex lens
Outied access faith	
Optical cover finish	Clear

Overall width	413 mm
Overall height	95 mm
Effective projected area	O 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%
Product Data	
Order product name	BBP400 ECO121-3S/757 I A WH MDU MWS
	PH C
Full product name	BBP400 EC0121-3S/757 I A WH MDU MWS
	PH C
Full product code	871829189300400
Order code	910930205402
Material Nr. (12NC)	910930205402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291893004
Numerator - Packs per outer box	1
Numerator - Facks per outer box	!
Numerator - Packs per outer box	!

## Dimensional drawing







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