



# Mini 300 LED gen2

#### BBP400 ECO75-3S/757 I PRW WH D9 SNS CFRM

Mini300 LED gen2, LED EconomyLine 7500 lm, Petrol rotational symmetric wide

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	ECO75 [LED EconomyLine 7500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BBP400 [Mini300 LED gen2]
Lighting Technology	LED
Glow-wire test	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	-
Light Technical	
Upward light output ratio	0
Luminous Flux	7,900 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W

Datasheet, 2023, September 4 data subject to change

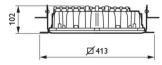
## Mini 300 LED gen2

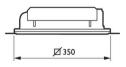
Color rendering index (CRI)	≥70
Number of light sources	32
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	135°
Optic type outdoor	Petrol rotational symmetric wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	54 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	Cable 2.0 m with screw connector
Number of products on MCB of 16 A ty	•
Temperature	
Temperature Ambient temperature range	-30 to +40 °C
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Ambient temperature range	-30 to +40 °C Yes
Ambient temperature range  Controls and Dimming	Yes
Ambient temperature range  Controls and Dimming  Dimmable	Yes
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer	Yes Power supply unit with DALI interface
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	Yes  Power supply unit with DALI interface  DALI
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Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing	Yes Power supply unit with DALI interface DALI No
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material	Yes  Power supply unit with DALI interface  DALI  No  Aluminum
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material	Yes Power supply unit with DALI interface DALI No Aluminum
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Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material	Yes Power supply unit with DALI interface DALI No Aluminum - Acrylate Glass
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Fixation material	Yes Power supply unit with DALI interface DALI No Aluminum - Acrylate Glass Steel
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Fixation material  Housing Color	Yes Power supply unit with DALI interface DALI No Aluminum - Acrylate Glass Steel
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optical cover material  Fixation material  Housing Color  Mounting device	Yes Power supply unit with DALI interface DALI No  Aluminum - 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 %	
<b>Application Conditions</b>		
Maximum dim level	0% (digital)	
Product Data		
Order product name	BBP400 ECO75-3S/757 I PRW WH D9 SNS	
	CFRM	
Full product name	BBP400 ECO75-3S/757 I PRW WH D9 SNS	
	CFRM	
Full product code	871829189053900	
Order code	910930205372	
Material Nr. (12NC)	910930205372	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291890539	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291890539	

## Dimensional drawing







## Mini 300 LED gen2



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