Mini 300 LED gen2

BBP400 ECO151-3S/757 I PRM WH MDU MWS PH

Mini300 LED gen2, LED EconomyLine 15100 lm, Petrol rotational symmetric medium, 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		CE mark	Yes
Lamp family code	ECO151 [LED EconomyLine 15100 lm]	ENEC mark	ENEC mark
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	EU RoHS compliant	No
Driver included	Yes	Embedded control	Movement detection unit
Photocell	Photocell included		
Light source engine type	LED	**Light Technical**	
Product family code	BBP400 [Mini300 LED gen2]	Upward light output ratio	0
Lighting Technology	LED	Luminous Flux	15,800 lm
Glow-wire test	Temperature 960 °C, duration 5 s	Standard tilt angle posttop	0°
Flammability mark	–	Standard tilt angle side entry	0°

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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	114°
Optic type outdoor	Petrol rotational symmetric medium

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

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
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 PRM WH MDU MWS PH
Full product name	BBP400 ECO151-3S/757 I PRM WH MDU MWS PH
Full product code	871829187805600
Order code	910930205332
Material Nr. (12NC)	910930205332
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291878056
Numerator – Packs per outer box	1
EAN/UPC – Case	8718291878056

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Dimensional drawing

360x360

470x470

410x560

102

⌀ 413

⌀ 350

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2023, September 4 – data subject to change