

Mini 300 LED gen3

BBP333 LED128/757 I PRM MDUW

Mini 300 LED gen3, LED module 12800 lm, 757 cool white, Power supply unit with DALI interface, Safety class I, Petrol rotational symmetric medium, White

Philips Mini 300 LED gen3 luminaires, the perfect product design and the latest LED technology combination for highly efficient light outputs that can turn your petrol station into a branded landmark and help visitors to approach safely in visual comfort. Mini 300 LED gen3, the state-of-the-art LED luminaires with a light-on-demand intelligent motion-sensing control system takes energy saving to new levels with dimming, while simultaneously ensuring sufficient lighting for orientation and safety. The light scenarios can be tailored to your preference at installation or during the lifespan of the products. The optional Master-Slave combination with a built-in presence and light sensor has no need for an external sensor and one Master Mini 300 LED gen3 can control up to 6 basic luminaires. Not only will this have a positive impact on your investment, it can also lead to additional energy saving. Mini 300 LED gen3 luminaire is so light that it can be installed effortlessly by one person. Luminaire settings can even be changed from ground level using a smart phone or tablet as a remote control, eliminating the need to work at height. With the free Mini 300 LED App, even the status of the luminaire can be read while standing on the floor. The Mini 300 LED gen3 luminaires come in recessed-mounted, surface-mounted and floodlight versions, which are suitable for under-canopy lighting: a breakthrough, retrofit solution that reduces installation costs.

Product data

General Information	
Lamp family code	LED128 [LED module 12800 lm]
Light source replaceable	Yes
Number of gear units	Unit

Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there

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	is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BBP333 [Mini 300 LED gen3]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upwards light output ratio	0
Luminous Flux	11,570 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	5700 K
Luminous efficacy (rated) (nom.)	154 lm/W
Colour rendering index (CRI)	70
Light source colour	757 cool white
Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	113°
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	75 W
Power Factor (Fraction)	0.99
Connection	Push-in connector 5-pole
Cable	Cable without plug 3-pole
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	Internal (no external connection)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Mounting device	-
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	370 mm
Overall width	370 mm
Overall height	170 mm
Effective projected area	0.0584 m²
Dimensions (height x width x depth)	170 x 370 x 370 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge-protection level
Sustainability rating	-
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)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L96

Application Conditions

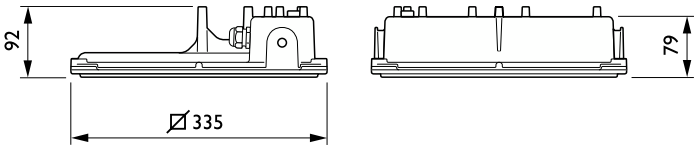
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Order product name	BBP333 LED128/757 I PRM MDUW
Full product name	BBP333 LED128/757 I PRM MDUW
Full EOC	871869699744400
Order code	99744400
Material no. (12 NC)	910925865266
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696997444
Numerator – packs per outer box	1
EAN/UPC - Case	8718696997444

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Dimensional drawing



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