# **PHILIPS** Lighting



# Mini 300 LED gen3

# BBP333 LED81/757 I PRM MDUW

Mini 300 LED gen3, LED module 8100 lm, 757 cool white, Power supply unit with DALI interface, Safety class I, Petrol rotational symmetric medium, White

Philips Mini 300 LED gen3 luminaires, perfect product design and latest LED technology combination for highly efficient light outputs 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 light on demand intelligent motion sensing control system takes energy saving to new levels with dimming, but at the same time, ensuring sufficient lighting for orientation and safety. The light scenarios can be tailored to your preference at the first installation or during the lifespan of the products. The optional Master-Slave combination with a built-in presence and light sensor there's 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 in recessed mounted, surface mounted and floodlight versions, which are suitable for undercanopy lighting, is a breakthrough, retrofit solution reduces installation costs.

#### **Product data**

General Information		Driver included	Yes
Lamp family code	LED81 [LED module 8100 lm]	Remarks	*-Per Lighting Europe guidance paper
Light source replaceable	Yes		"Evaluating performance of LED based
Number of gear units	1 unit		luminaires - January 2018": statistically there

## Mini 300 LED gen3

	is no relevant difference in lumen
	maintenance between B50 and for example
	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	
Upward light output ratio	0
Luminous Flux	7.380 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	154 lm/W
	70
Color rendering index (CRI)	
Light source color	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	
Operating and Electrical	220 to 240 V
Input Voltage	50 to 60 Hz
Line Frequency	
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	48 W
Power Factor (Fraction)	0.98
Connection	Push-in connector 5-pole
Cable	Cable without plug 3-pole
Number of products on MCB of 16 A type	Ш
В	
Tomporaturo	
Temperature	10.1 50.05
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
constant light output	

Housing Material	Aluminum die cast			
Reflector material	-			
Optic material	Acrylate			
Optical cover material	Polycarbonate			
Fixation material	-			
Housing Color	White			
Mounting device	-			
Optical cover shape	Flat			
Optical cover finish	Clear			
Overall length	370 mm			
Overall width	370 mm			
Overall height	170 mm			
Effective projected area	0.0314 m <sup>2</sup>			
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	L 10 %			
life 100000 h				
Lumen maintenance at median useful	L97			
life* 100000 h				
Application Conditions				
Performance ambient temperature Tq	25 ℃			
Maximum dim level	10%			
Product Data				
Order product name	BBP333 LED81/757 I PRM MDUW			
Full product name	BBP333 LED81/757 I PRM MDUW			
Full product code	871869699745100			
Order code	99745100			
Material Nr. (12NC)	910925865267			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696997451			
Numerator - Packs per outer box	1			
EAN/UPC - Case	8718696997451			

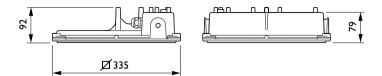
Aluminum die cast

Mechanical and Housing

Housing Material

### Mini 300 LED gen3

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 16 - data subject to change