



# Mini 300 LED gen3

#### BBP333 LED159/740 I PRM MDUW

Mini 300 LED gen3, LED module 15900 lm, 740 neutral 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-ondemand 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, surfacemounted 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	LED159 [LED module 15900 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

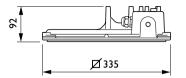
Datasheet, 2023, April 14 data subject to change

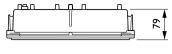
## Mini 300 LED gen3

	is no relevant difference in lumen	Mechanical and Housing	
	maintenance between the B50 and, for	Housing material	Aluminium die cast
	example, the B10. Therefore, the median	Reflector material	-
	useful life (B50) value also represents the B10	Optic material	Acrylate
	value. * At extreme ambient temperatures the	Optical cover/lens material	Polycarbonate
	luminaire might automatically dim down to	Fixation material	-
	protect components	Housing Colour	White
Light source engine type	LED	Mounting device	-
Product family code	BBP333 [Mini 300 LED gen3]	Optical cover/lens shape	Flat
Lighting Technology	LED	Optical cover/lens finish	Clear
Value ladder	Specification	Overall length	370 mm
CE mark	Yes	Overall width	370 mm
Warranty period	5 years	Overall height	170 mm
Flammability mark	For mounting on normally flammable surfaces	Effective projected area	0.0584 m²
ENEC mark	ENEC mark	Dimensions (height x width x depth)	170 x 370 x 370 mm
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Upwards light output ratio	0	Mech. impact protection code	IK08 [5 J vandal-protected]
Luminous Flux	14,240 lm	Surge Protection (Common/Differential)	Philips standard surge-protection level
Standard tilt angle post-top	-	Sustainability rating	-
Standard tilt angle side entry	-	Protection class IEC	Safety class I
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	155 lm/W	Initial Performance (IEC Compliant	)
Colour rendering index (CRI)	70	Luminous flux tolerance	+/-7%
Light source colour	740 neutral white	Initial chromaticity	(0.380, 0.380) SDCM <5
Optical cover type	Polycarbonate bowl/cover flat	Power consumption tolerance	+/-10%
Luminaire light beam spread	113°	Init. Color Rendering Index Tolerance	+/-2
Optic type outdoor	Petrol rotational symmetric medium		
		Over Time Performance (IEC Comp	liant)
Operating and Electrical		Control gear failure rate at median useful 10 %	
Input Voltage	220 to 240 V	life 100,000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful	L96
Inrush current	53 A	life* 100,000 h	
Inrush time	0.3 ms		
Power Consumption	92 W	Application Conditions	
Power Factor (Fraction)	0.99	Performance ambient temperature Tq	25 ℃
Connection	Push-in connector 5-pole	Maximum dim level	10%
Cable	Cable without plug 3-pole		
Number of products on MCB of 16 A type	e 8	Product Data	
В		Order product name	BBP333 LED159/740 I PRM MDUW
		Full product name	BBP333 LED159/740 I PRM MDUW
Temperature		Full EOC	871869699749900
Ambient temperature range	-40 to +50 °C	Order code	99749900
		Material no. (12 NC)	910925865271
Controls and Dimming		SAP numerator – quantity per pack	1
Dimmable	Yes	EAN/UPC — Product/Case	8718696997499
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator – packs per outer box	1
Control interface	Internal (no external connection)	EAN/UPC - Case	8718696997499
Constant light output	No		

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#### Dimensional drawing







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