



# 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, 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	
Lamp family code	LED159 [LED module 15900 lm]
Light source replaceable	Yes
Number of gear units	1 unit

Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	

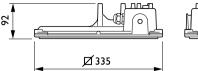
Datasheet, 2023, April 16 data subject to change

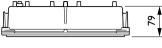
## Mini 300 LED gen3

	is no relevant difference in lumen	Mechanical and Housing	
	maintenance between B50 and for example	Housing Material	Aluminum die cast
	B10. Therefore, the median useful life (B50)	Reflector material	-
	value also represents the B10 value. * At	Optic material	Acrylate
	extreme ambient temperatures the luminaire	Optical cover material	Polycarbonate
	might automatically dim down to protect	Fixation material	-
	components	Housing Color	White
Light source engine type	LED	Mounting device	-
Product family code	BBP333 [Mini 300 LED gen3]	Optical cover shape	Flat
Lighting Technology	LED	Optical cover 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]
Upward 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 posttop	-	Sustainability rating	-
Standard tilt angle side entry	-	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	155 lm/W	Initial Performance (IEC Compliant	)
Color rendering index (CRI)	70	Luminous flux tolerance	+/-7%
Light source color	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 100000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful	L96
Inrush current	53 A	life* 100000 h	
Inrush time	0.3 ms		
Power Consumption	92 W	<b>Application Conditions</b>	
Power Factor (Fraction)	0.99	Performance ambient temperature Tq	25 °C
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	<b>e</b> 8	Product Data	
В		Order product name	BBP333 LED159/740 I PRM MDUW
		Full product name	BBP333 LED159/740 I PRM MDUW
Temperature		Full product code	871869699749900
Ambient temperature range	-40 to +50 °C	Order code	99749900
		Material Nr. (12NC)	910925865271
Controls and Dimming		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
	Power supply unit with DALI interface  Internal (no external connection)	Numerator - Packs per outer box  EAN/UPC - Case	8718696997499

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#### Dimensional drawing







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