



Mini 300 LED gen3

BBP333 LED81/740 I PRM MDUW

Mini 300 LED gen3, LED module 8100 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	LED81 [LED module 8100 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

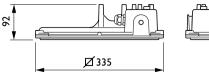
Datasheet, 2024, January 29 data subject to change

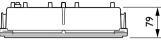
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	is no relevant difference in lumen	Mechanical and Housing	
	maintenance between B50 and for example	Housing Material	Aluminum die cast
	B10. Therefore, the median useful life (B50)	Reflector material	-
	value also represents the B10 value. * At	Optic 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	Effective projected area	0.0314 m²
	surfaces	Dimensions (Height x Width x Depth)	170 x 370 x 370 mm
ENEC mark	ENEC mark		
EU RoHS compliant	Yes	Approval and Application	
		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light Technical		Mech. impact protection code	IK08 [5 J vandal-protected]
Upward light output ratio	0	Surge Protection (Common/Differential)	Philips standard surge protection level
Luminous Flux	7,380 lm	Sustainability rating	-
Standard tilt angle posttop		Protection class IEC	Safety class I
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K	Initial Performance (IEC Compliant))
Luminous Efficacy (rated) (Nom)	154 lm/W	Luminous flux tolerance	+/-7%
Color rendering index (CRI)	70	Initial chromaticity	(0.380, 0.380) SDCM <5
Light source color	740 neutral white	Power consumption tolerance	+/-10%
Optical cover type	Polycarbonate bowl/cover flat	Init. Color Rendering Index Tolerance	+/-2
Luminaire light beam spread	113°		
Optic type outdoor	Petrol rotational symmetric medium	Over Time Performance (IEC Compl	iant)
		Control gear failure rate at median useful	. 10 %
Operating and Electrical		life 100000 h	
Input Voltage	220 to 240 V	Lumen maintenance at median useful	L97
Line Frequency	50 to 60 Hz	life* 100000 h	
Inrush current	46 A		
Inrush time	0.25 ms	Application Conditions	
Power Consumption	48 W	Performance ambient temperature Tq	25 ℃
Power Factor (Fraction)	0.98	Maximum dim level	10%
Connection	Push-in connector 5-pole		
Cable	Cable without plug 3-pole	Product Data	
Number of products on MCB of 16 A type	11	Order product name	BBP333 LED81/740 I PRM MDUW
В		Full product name	BBP333 LED81/740 I PRM MDUW
		Full product code	871869699751200
Temperature		Order code	910925865273
Ambient temperature range	-40 to +50 °C	Material Nr. (12NC)	910925865273
		Numerator - Quantity Per Pack	1
Controls and Dimming		EAN/UPC - Product/Case	8718696997512
Dimmable	Yes	Numerator - Packs per outer box	1
Driver/power unit/transformer	Power supply unit with DALI interface	EAN/UPC - Case	8718696997512
Control interface	Internal (no external connection)		
Constant light output	No		

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Dimensional drawing







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