PHILIPS Lighting



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, 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	LED128 [LED module 12800 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

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	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	
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Light Technical		
Upward light output ratio	0	
Luminous Flux	11,570 lm	
Standard tilt angle posttop	-	
Standard tilt angle side entry	-	
	- 5700 K	
Correlated Color Temperature (Nom)		
Luminous Efficacy (rated) (Nom)	154 lm/W	
Color rendering index (CRI)	70	
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		
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	-	
Temperature		
Ambient temperature range	-40 to +50 °C	
Controls and Dimming		
-	Yes	
Dimmable		
Dimmable Driver/power unit/transformer Control interface	Power supply unit with DALI interface Internal (no external connection)	

Mechanical and Housing			
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	0.0584 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	

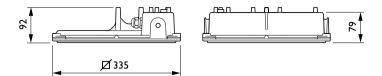
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful $10~\%$		
life 100000 h		
Lumen maintenance at median useful		
life* 100000 h		

Application Conditions	
Performance ambient temperature Tq	25 ℃
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 product code	871869699744400
Order code	99744400
Material Nr. (12NC)	910925865266
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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