PHILIPS Lighting



Mini 300 LED gen3

BCP333 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		Driver included	Yes
Lamp family code	LED159 [LED module 15900 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	BCP333 [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	14.400 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	- 4000 K
	157 lm/W
Luminous Efficacy (rated) (Nom)	70
Color rendering index (CRI)	
Light source color	740 neutral 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	92 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCR of 16 A tupo	8
Number of products on MCB of 16 A type	8
Number of products on MCB of 16 A type B	8
	8
В	8 -40 to +50 °C
B Temperature	
B Temperature	
B Temperature Ambient temperature range	
B Temperature Ambient temperature range Controls and Dimming Dimmable	-40 to +50 °C Yes
B Temperature Ambient temperature range Controls and Dimming	-40 to +50 °C

Mechanical and Housing		
Housing Material	Aluminum die cast	
Reflector material	-	
Optic material	Acrylate	
Optical cover material	Polycarbonate	
Fixation material	Aluminum	
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	(0.380, 0.380) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	

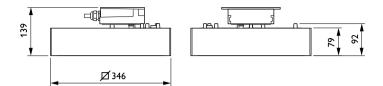
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful life* L97 100000 h

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Product Data	
Order product name	BCP333 LED159/740 I PRM MDUW
Full product name	BCP333 LED159/740 I PRM MDUW
Full product code	871869699761100
Order code	910925865283
Material Nr. (12NC)	910925865283
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696997611
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696997611

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Dimensional drawing





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