



Mini 300 LED gen3

BBP333 LED159/757 I PAM MDUW MWS

Mini 300 LED gen3 - LED module 15900 lm - 757 cool white - Power supply unit with DALI interface - Safety class I (I) - Petrol asymmetric 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-on-demand 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, surface-mounted 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]	Number of gear units	1 unit
Lamp colour code	757 cool white	Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Light source replaceable	Yes	Driver included	Yes
		Optical cover/lens type	Polycarbonate bowl/cover flat

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Luminaire light beam spread	113°
Control interface	Internal (no external connection)
Connection	Push-in connector 5-pole (PI)
Cable	Cable without plug 3-pole
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Petrol asymmetric medium
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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
Constant light output	No
Number of products on MCB (16 A type B)	8
EU RoHS compliant	Yes
Light source engine type	LED
Product family code	BBP333 [Mini 300 LED gen3]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power factor (min.)	0.99

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminum die-cast
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Polycarbonate
Fixation material	-
Mounting device	No [-]

Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	370 mm
Overall width	370 mm
Overall height	170 mm
Effective projected area	0.0584 m ²
Colour	White
Dimensions (height x width x depth)	170 x 370 x 370 mm (6.7 x 14.6 x 14.6 in)

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 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	13440 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	146 lm/W
Lamp colour temperature	5700 K
Colour Rendering Index	70
Initial chromaticity	(0.341, 0.329) SDCM <5
Initial input power	92 W
Power consumption tolerance	+/-11%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L96

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

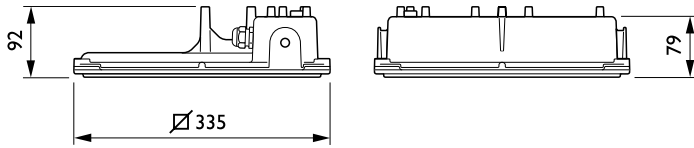
Product Data

Full product code	871869699785700
Order product name	BBP333 LED159/757 I PAM MDUW MWS
EAN/UPC – product	8718696997857
Order code	910925865308
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925865308
SAP net weight (piece)	4.040 kg



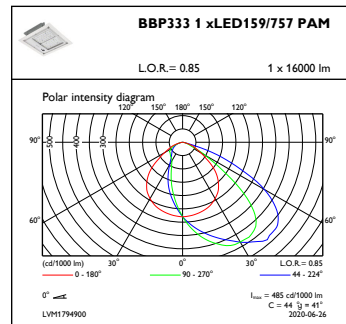
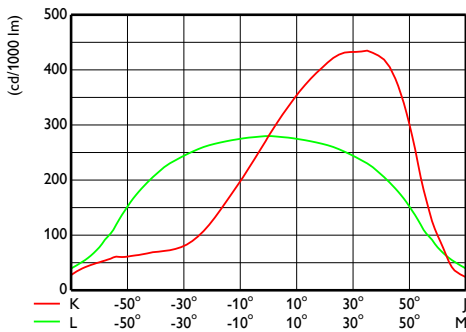
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Dimensional drawing



MINI 300 Stealth LED BBP/BCP333

Photometric data



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