



Mini 300 LED gen3

BBP333 LED81/757 I PRM MDUW

Mini 300 LED gen3, LED module 8100 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 | | |
|--------------------------|----------------------------|--|
| 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 |

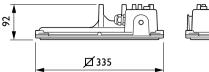
Datasheet, 2024, January 29 data subject to change

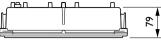
Mini 300 LED gen3

| | 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 | 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) | 5700 K | Initial Performance (IEC Compliant) |) |
| Luminous Efficacy (rated) (Nom) | 154 lm/W | Luminous flux tolerance | +/-7% |
| Color rendering index (CRI) | 70 | Initial chromaticity | (0.341, 0.329) SDCM <5 |
| Light source color | 757 cool 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 | liant) |
| | | 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 LED81/757 I PRM MDUW |
| В | | Full product name | BBP333 LED81/757 I PRM MDUW |
| | | Full product code | 871869699745100 |
| Temperature | | Order code | 910925865267 |
| Ambient temperature range | -40 to +50 °C | Material Nr. (12NC) | 910925865267 |
| | | Numerator - Quantity Per Pack | 1 |
| Controls and Dimming | | EAN/UPC - Product/Case | 8718696997451 |
| Dimmable | Yes | Numerator - Packs per outer box | 1 |
| Driver/power unit/transformer | Power supply unit with DALI interface | EAN/UPC - Case | 8718696997451 |
| Control interface | Internal (no external connection) | | |
| Constant light output | No | | |
| | | | |

Mini 300 LED gen3

Dimensional drawing







© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.