



Mini 300 LED gen3

BCP333 LED159/740 I PRM

Mini 300 LED gen3, LED module 15900 lm, 740 neutral white, Power supply unit (On/Off), 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 "Evaluating performance of LED based luminaires - January 2018": statistically there |
| Light source replaceable | Yes | | |
| Number of gear units | 1 unit | | |

Mini 300 LED gen3

| | |
|--------------------------|---|
| | 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 |
| Luminous Efficacy (rated) (Nom) | 158 lm/W |
| Color rendering index (CRI) | 70 |
| 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 | 91 W |
| Power Factor (Fraction) | 0.99 |
| Connection | Screw connector |
| Cable | - |
| Number of products on MCB of 16 A type B | 8 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|-----------------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | Internal (no external connection) |
| Constant light output | No |

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 | 346 mm |
| Overall width | 346 mm |
| Overall height | 139 mm |
| Effective projected area | 0.0584 m² |
| Dimensions (Height x Width x Depth) | 139 x 346 x 346 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 life 100000 h | 10 % |
| Lumen maintenance at median useful life* 100000 h | L97 |

Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 10% |

Product Data

| | |
|---------------------------------|-------------------------|
| Order product name | BCP333 LED159/740 I PRM |
| Full product name | BCP333 LED159/740 I PRM |
| Full product code | 871869699764200 |
| Order code | 99764200 |
| Material Nr. (12NC) | 910925865286 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696997642 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696997642 |

Mini 300 LED gen3

Dimensional drawing

