



Enhancing your petrol station with smart lighting

Mini 300 LED gen3

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.

Benefits

- Perfect quality of lighting with choice of dedicated optical beams comply all demands of different petrol station configurations
- Minimized energy consumption with customizable built-in controls and scheduler
- Easy commissioning and wireless control set-up possibilities with smartphones and tablets
- Extremely simple and light weight for easy and rapid mounting, also fully retrofit into existing installations

Mini 300 LED gen3

Features

- Highly efficient long-life Philips LED platform for maximum energy saving and reduced maintenance costs
- SMART control system with integral motion sensor module and scheduler for programable auto dimming of light at different levels
- BASIC+ control system only with factory pre-set motion sensor for auto dimming of light at limited level
- Dedicated App with easy user interface for smartphones and tablets

Application

- Petrol stations

Specifications

| | |
|---|--|
| Ambient Temperature | -40 to +50 °C |
| Beam spread luminaire | 113° |
| Main color of the Luminaire | White |
| Connection | Push-in connector 5-pole (PI) (Push-in connector 5-pole (PI)) Screw connector (SCREW) |
| Dimming | No, yes |
| Driver | Power supply unit with DALI interface (PSD) Power supply unit (PSU) |
| Initial correlated color temperature | 4000 K, 5700 K |
| Initial input power | 48 W, 75 W, 92 W |
| Initial LED luminaire efficacy | 146, 154, 155, 156, 157 lm/W |
| Initial luminous flux | 7380, 10920, 11570, 11700, 13440, 14240, 14400 lm |

| | |
|---------------------------------|--|
| Input frequency | 50 to 60 Hz |
| Input voltage | 220 to 240 V |
| Inrush current (A) | 46, 53 A |
| Light source color | 740 neutral white, 757 cool white |
| Light source replaceable | Yes |
| Material | Housing: aluminum die-cast |
| Optic | Petrol asymmetric medium, petrol rotational symmetric medium |
| Optical cover | Acrylate |
| Surge protection | Philips standard surge protection level kV |
| Type | BBP333 BCP333 |
| Warranty period | 5 years |

Versions



Mini 300 LED gen3



Mini 300 LED gen3

Mini 300 LED gen3

Product details



Mini300_gen3-
BBP333_360_360-DPP.TIF



Mini300_gen3-BBP333_470_470-
DPP.TIF



Mini300_gen3-BBP333_560_410-
DPP.TIF



Mini300_gen3-
BBP333_RM_with_accessory_kit-
DPP.TIF



Mini300_gen3-BBP333-DPP.TIF



Mini300_gen3-BBP333-
with_accessory_kit-DPP.TIF



Mini300_gen3-BCP333-DPP.TIF

Mini 300 LED gen3

Accessories



Ordercode 99768000



Ordercode 99769700



Ordercode 99770300



Ordercode 99771000

Mini 300 LED gen3

| Application Conditions | |
|--|--|
| Maximum dim level | 10% |
| Approval and Application | |
| Mech. impact protection code | IK08 |
| Surge Protection (Common/Differential) | Philips standard surge protection level kV |
| General Information | |
| Luminaire light beam spread | 113° |
| CE mark | CE mark |
| Optical cover/lens type | Polycarbonate bowl/cover flat |
| Driver included | Yes |
| Flammability mark | F |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Initial Performance (IEC Compliant) | |
| Init. Color Rendering Index | 70 |
| Light Technical | |
| Standard tilt angle side entry | - |
| Standard tilt angle posttop | - |
| Upward light output ratio | 0 |
| Mechanical and Housing | |
| Color | White |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|------------|-------------------------------------|----------|
| 99746800 | BBP333 LED159/757 I PRM | No |
| 99747500 | BBP333 LED128/757 I PRM | No |
| 99752900 | BBP333 LED159/740 I PRM | No |
| 99753600 | BBP333 LED128/740 I PRM | No |
| 99754300 | BBP333 LED81/740 I PRM | No |
| 99783300 | BBP333 LED159/757 I PRM MDUW MWS | Yes |
| 99784000 | BBP333 LED159/757 I PRM D9 SNS | Yes |
| 99785700 | BBP333 LED159/757 I PAM MDUW MWS | Yes |
| 99786400 | BBP333 LED159/757 I PAM D9 SNS | Yes |
| 99827400 | BBP333 LED159/740 II PRM | No |
| 81936100 | BBP333 LED128/757 I PAM | No |
| 81937800 | BBP333 LED159/757 I PAM | No |
| 81940800 | BBP333 LED128/757 I PRM MDUW MWS PH | Yes |
| 81942200 | BBP333 LED128/757 I PRM D9 SNS | Yes |
| 81944600 | BBP333 LED128/757 I PAM D9 SNS | Yes |
| 82459400 | BBP333 LED159/757 I PAM MDUW MWS PH | Yes |
| 99756700 | BGP333 LED128/757 I PRM MDUW | Yes |
| 99758100 | BGP333 LED159/757 I PRM | No |
| 99759800 | BGP333 LED128/757 I PRM | No |
| 99764200 | BGP333 LED159/740 I PRM | No |
| 99765900 | BGP333 LED128/740 I PRM | No |

General Information

| Order Code | Full Product Name | Light source color | Lamp family code | Optic type | Product Family Code |
|------------|----------------------------------|--------------------|------------------|------------------------------------|---------------------|
| 99746800 | BBP333 LED159/757 I PRM | 757 cool white | LED159 | Petrol rotational symmetric medium | BBP333 |
| 99747500 | BBP333 LED128/757 I PRM | 757 cool white | LED128 | Petrol rotational symmetric medium | BBP333 |
| 99752900 | BBP333 LED159/740 I PRM | 740 neutral white | LED159 | Petrol rotational symmetric medium | BBP333 |
| 99753600 | BBP333 LED128/740 I PRM | 740 neutral white | LED128 | Petrol rotational symmetric medium | BBP333 |
| 99754300 | BBP333 LED81/740 I PRM | 740 neutral white | LED81 | Petrol rotational symmetric medium | BBP333 |
| 99783300 | BBP333 LED159/757 I PRM MDUW MWS | 757 cool white | LED159 | Petrol rotational symmetric medium | BBP333 |
| 99784000 | BBP333 LED159/757 I PRM D9 SNS | 757 cool white | LED159 | Petrol rotational symmetric medium | BBP333 |
| 99785700 | BBP333 LED159/757 I PAM MDUW MWS | 757 cool white | LED159 | Petrol asymmetric medium | BBP333 |
| 99786400 | BBP333 LED159/757 I PAM D9 SNS | 757 cool white | LED159 | Petrol asymmetric medium | BBP333 |
| 99827400 | BBP333 LED159/740 II PRM | 740 neutral white | LED159 | Petrol rotational symmetric medium | BBP333 |
| 81936100 | BBP333 LED128/757 I PAM | 757 cool white | LED128 | Petrol asymmetric medium | BBP333 |
| 81937800 | BBP333 LED159/757 I PAM | 757 cool white | LED159 | Petrol asymmetric medium | BBP333 |

Mini 300 LED gen3

| Order Code | Full Product Name | Light source color | Lamp family code | Optic type | Product Family Code |
|------------|-------------------------------------|--------------------|------------------|------------------------------------|---------------------|
| 81940800 | BBP333 LED128/757 I PRM MDUW MWS PH | 757 cool white | LED128 | Petrol rotational symmetric medium | BBP333 |
| 81942200 | BBP333 LED128/757 I PRM D9 SNS | 757 cool white | LED128 | Petrol rotational symmetric medium | BBP333 |
| 81944600 | BBP333 LED128/757 I PAM D9 SNS | 757 cool white | LED128 | Petrol asymmetric medium | BBP333 |
| 82459400 | BBP333 LED159/757 I PAM MDUW MWS PH | 757 cool white | LED159 | Petrol asymmetric medium | BBP333 |
| 99756700 | BGP333 LED128/757 I PRM MDUW | 757 cool white | LED128 | Petrol rotational symmetric medium | BGP333 |
| 99758100 | BGP333 LED159/757 I PRM | 757 cool white | LED159 | Petrol rotational symmetric medium | BGP333 |
| 99759800 | BGP333 LED128/757 I PRM | 757 cool white | LED128 | Petrol rotational symmetric medium | BGP333 |
| 99764200 | BGP333 LED159/740 I PRM | 740 neutral white | LED159 | Petrol rotational symmetric medium | BGP333 |
| 99765900 | BGP333 LED128/740 I PRM | 740 neutral white | LED128 | Petrol rotational symmetric medium | BGP333 |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|------------|-------------------------------------|-------------------------------|-----------------------|
| 99746800 | BBP333 LED159/757 I PRM | 5700 K | 14240 lm |
| 99747500 | BBP333 LED128/757 I PRM | 5700 K | 11570 lm |
| 99752900 | BBP333 LED159/740 I PRM | 4000 K | 14240 lm |
| 99753600 | BBP333 LED128/740 I PRM | 4000 K | 11570 lm |
| 99754300 | BBP333 LED81/740 I PRM | 4000 K | 7380 lm |
| 99783300 | BBP333 LED159/757 I PRM MDUW MWS | 5700 K | 14240 lm |
| 99784000 | BBP333 LED159/757 I PRM D9 SNS | 5700 K | 14240 lm |
| 99785700 | BBP333 LED159/757 I PAM MDUW MWS | 5700 K | 13440 lm |
| 99786400 | BBP333 LED159/757 I PAM D9 SNS | 5700 K | 13440 lm |
| 99827400 | BBP333 LED159/740 II PRM | 5700 K | 14240 lm |
| 81936100 | BBP333 LED128/757 I PAM | 5700 K | 10920 lm |
| 81937800 | BBP333 LED159/757 I PAM | 5700 K | 13440 lm |
| 81940800 | BBP333 LED128/757 I PRM MDUW MWS PH | 5700 K | 11570 lm |
| 81942200 | BBP333 LED128/757 I PRM D9 SNS | 5700 K | 11570 lm |
| 81944600 | BBP333 LED128/757 I PAM D9 SNS | 5700 K | 10920 lm |
| 82459400 | BBP333 LED159/757 I PAM MDUW MWS PH | 5700 K | 13440 lm |
| 99756700 | BGP333 LED128/757 I PRM MDUW | 5700 K | 11700 lm |
| 99758100 | BGP333 LED159/757 I PRM | 5700 K | 14400 lm |
| 99759800 | BGP333 LED128/757 I PRM | 5700 K | 11700 lm |
| 99764200 | BGP333 LED159/740 I PRM | 4000 K | 14400 lm |
| 99765900 | BGP333 LED128/740 I PRM | 4000 K | 11700 lm |

