Enhancing your petrol station with smart lighting

Mini 300 LED gen3

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.

Benefits
- Perfect lighting quality with a choice of dedicated optical beams complying to all the different demands of petrol station configurations
- Minimised energy consumption with customisable built-in controls and scheduler
- Easy commissioning and wireless control set-up possibilities with smartphones and tablets
- Extremely simple and lightweight for easy and rapid mounting, ability to fully retrofit into existing installations

Features
· A highly efficient long-life Philips LED platform for maximum energy-saving and
  reduced maintenance costs
· A SMART control system with an integral motion sensor module and scheduler for
  programmable auto-dimming of light at different levels
· A BASIC+ control system only with a factory pre-set motion sensor for auto-
  dimming of light at a limited level
· A dedicated app with an easy user interface for smartphones and tablets

Application
· Petrol stations

Dimensional drawing

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General Information

CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Number of gear units	Unit
Product family code	BBP333

Light Technical

Luminaire light beam spread	113°
Light source colour	757 cool white
Correlated Colour Temperature	5700 K
Optical cover type	Polycarbonate bowl/cover flat
Colour rendering index (CRI)	70
Standard tilt angle side entry	–
Standard tilt angle post-top	–
Upwards light output ratio	0

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Colour	White

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/ Differential)	Philips standard surge-protection level

Application Conditions

Maximum dim level	10%

General Information

Order Code	Full Product Name	Lamp family code
81940800	BBP333 LED128/757 I PRM MDUW MWS PH	LED128
81942200	BBP333 LED128/757 I PRM D9 SNS	LED128
82459400	BBP333 LED159/757 I PAM MDUW MWS PH	LED159

Light Technical

Order Code	Full Product Name	Luminous Flux	Optic type outdoor
81940800	BBP333 LED128/757 I PRM MDUW MWS PH	11,570 lm	Petrol rotational symmetric medium
81942200	BBP333 LED128/757 I PRM D9 SNS	11,570 lm	Petrol rotational symmetric medium

Order Code	Full Product Name	Luminous Flux	Optic type outdoor
82459400	BBP333 LED159/757 I PAM MDUW MWS PH	13,440 lm	Petrol asymmetric medium

Operating and Electrical

Order Code	Full Product Name	Power Consumption
81940800	BBP333 LED128/757 I PRM MDUW MWS PH	74 W
81942200	BBP333 LED128/757 I PRM D9 SNS	74 W

Order Code	Full Product Name	Power Consumption
82459400	BBP333 LED159/757 I PAM MDUW MWS PH	90 W

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