Enhancing your petrol station with smart lighting

Mini 300 LED gen3

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 lighting scenarios can be customised to your preference during the initial installation or during the product's lifespan. 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. This will not only positively impact your investment but can also lead to additional energy savings. The Mini 300 LED Gen3 luminaire is so lightweight that it can be effortlessly installed by one person. Luminaire settings can even be changed from ground level using a smartphone 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 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
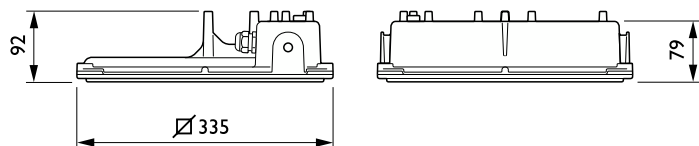
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Features

- Highly efficient long-life 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

92

79

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Mini 300 LED gen3

General Information

Driver included	Yes
Light source replaceable	Yes
Number of gear units	Unit
Service Tag	Yes

Light Technical

Luminaire light beam spread	113°
Light source colour	757 cool white
Correlated Colour Temperature (Nom)	5700 K
Colour rendering index (CRI)	70
Upwards light output ratio	0

Operating and Electrical

Surge Protection (Common/ Differential)	Standard surge protection level

Controls and Dimming

Dimmable	Yes
Maximum dim level	10%

Mechanical and Housing

Optical cover type	Polycarbonate bowl/cover flat
Housing Colour	White
Mech. impact protection code	IK08
Ingress protection code	IP66
Standard tilt angle side entry	–
Standard tilt angle post-top	–

Approval and Application

CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

Product Data

Product family code	BBP333

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

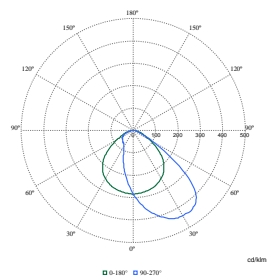| Order Code	Full Product Name	Power Consumption
82459400	BBP333 LED159/757 I PAM MDUW MWS PH	90 W

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Polar Wide Diagrams
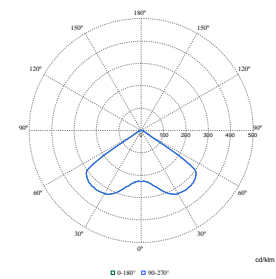
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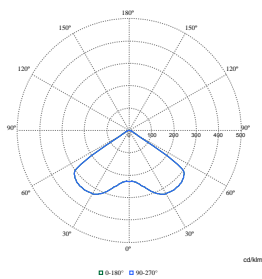
Polar Normal (separate) – BBP333I – 910925866260

Polar Normal (separate) – BBP333I – 910925866311

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2025, June 17 – data subject to change