PHILIPS Lighting



Mini 300 LED gen2

BBP400 ECO136-3S/757 I PRM WH MDU MWS PH

Mini300 LED gen2, LED EconomyLine 13600 lm, Petrol rotational symmetric medium, Movement detection unit, Photocell included

With operating margins under pressure, companies are looking for ways to save energy. LED products like our Mini 300 LED gen2 luminaires are a perfect solution. Designed for petrol-station canopies and low-bay applications, these ultra-efficient retrofit fixtures offer outstanding light quality, effective thermal management, and a very long lifespan. Reduced maintenance, replacement and energy cost means a short payback period, making Mini 300 LED gen2 a shining example of how businesses can save money by opting for green products. A movement detector combined with a daylight sensor enables further energy savings. Our Mini 300 LED gen2 app gives users control in ways that are simply not possible with other luminaires – for instance, reading status and managing lighting from the floor by laptop or Smartphone via Bluetooth.

Product data

| General Information | |
|--------------------------|-----------------------------------|
| Lamp family code | ECO136 [LED EconomyLine 13600 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Photocell | Photocell included |
| Light source engine type | LED |
| Product family code | BBP400 [Mini300 LED gen2] |
| Lighting Technology | LED |
| Embedded control | Movement detection unit |
| CE mark | Yes |

| Warranty period | 5 years |
|--------------------------------|----------------------------------|
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 960 °C, duration 5 s |
| EU RoHS compliant | No |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Luminous Flux | 14,300 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| | |

Mini 300 LED gen2

| Correlated Color Temperature (Nom) | 5700 K |
|------------------------------------|------------------------------------|
| Luminous Efficacy (rated) (Nom) | 125 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 56 |
| Light source color | 757 cool white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 114° |
| Optic type outdoor | Petrol rotational symmetric medium |
| | |

220 to 240 V

50 to 60 Hz

53 A

0.3 ms

0.98

-30 to +40 °C

Screw connection block 5-pole

Cable 2.0 m with screw connector

| Overall length | 413 mm |
|-------------------------------------|-------------------|
| Overall width | 413 mm |
| Overall height | 95 mm |
| Effective projected area | 0 m² |
| Dimensions (Height x Width x Depth) | 95 x 413 x 413 mm |
| | |

| Approval and Application | |
|--|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Philips standard surge protection level |
| Protection class IEC | Safety class I |
| | |

Initial Performance (IEC Compliant)

| Luminous flux tolerance | +/-7% |
|---------------------------------------|------------------------|
| Initial chromaticity | (0.341, 0.329) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

0.1 %

10%

Over Time Performance (IEC Compliant)

Application Conditions

Product Data

| Order product name BBP400 EC0136-3S/7571 PRM WH MDU MWS PH Full product name BBP400 EC0136-3S/7571 PRM WH MDU MWS PH Full product code 871829107652000 Order code 07652000 Material Nr. (12NC) 910930205269 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291076520 Numerator - Packs per outer box 1 EAN/UPC - Case 8718291076520 | Product Data | |
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| Numerator - Packs per outer box 1 | Numerator - Quantity Per Pack | 1 |
| | EAN/UPC - Product/Case | 8718291076520 |
| EAN/UPC - Case 8718291076520 | Numerator - Packs per outer box | 1 |
| | EAN/UPC - Case | 8718291076520 |

Temperature

Ambient temperature range

Number of products on MCB of 16 A type B 8

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption Power Factor (Fraction)

Inrush time

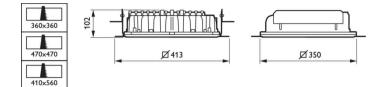
Connection

Cable

| Controls and Dimming | |
|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating external |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | Acrylate |
| Optical cover material | Glass |
| Fixation material | Steel |
| Housing Color | White |
| Mounting device | - |
| Optical cover shape | Convex lens |
| Optical cover finish | Clear |

Mini 300 LED gen2

Dimensional drawing





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