PHILIPS Lighting

Mini 300 LED gen2

BBP400 ECO106-3S/757 I PAM WH MDU CFRM-1

Mini300 LED gen2, 44, LED EconomyLine 10600 lm, LED, 78 W, Power supply unit regulating external, Petrol asymmetric medium, Flat glass, 104° x 98°, Movement detection unit

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 | ECO106 [LED EconomyLine 10600 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Photocell | - |
| 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 | 11,100 lm |
| Standard tilt angle posttop | O° |
| Standard tilt angle side entry | O° |
| | |

Mini 300 LED gen2

| Correlated Color Temperature (Nom) | 5700 K |
|------------------------------------|--------------------------|
| Luminous Efficacy (rated) (Nom) | 123 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 44 |
| Light source color | 757 cool white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 104° x 98° |
| Optic type outdoor | Petrol asymmetric medium |
| | |

220 to 240 V

50 to 60 Hz

53 A

0.3 ms 78 W

0.96

-30 to +40 °C

Screw connection block 3-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 |

| IP65 [Dust penetration-protected, jet-proof] |
|--|
| IK08 [5 J vandal-protected] |
| Philips standard surge protection level |
| 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

| Maximum dim le | vel |
|----------------|-----|
|----------------|-----|

Product Data

| Troduct Data | |
|---------------------------------|-----------------------------------|
| Order product name | BBP400 ECO106-3S/757 I PAM WH MDU |
| | CFRM-1 |
| Full product name | BBP400 ECO106-3S/757 I PAM WH MDU |
| | CFRM-1 |
| Full product code | 871829106768900 |
| Order code | 06768900 |
| Material Nr. (12NC) | 910930205510 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291067689 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291067689 |
| | |

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

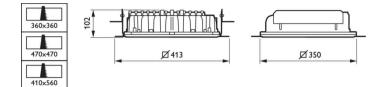
Connection

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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