



Mini 300 LED gen2

BBP400 ECO151-3S/757 I A WH MSP MDU MWS

Mini300 LED gen2, LED EconomyLine 15100 lm, Asymmetrical, Movement detection unit, Photocell included

The Mini 300 LED gen2 luminaires provides highly efficient, controlable and manageable lighting solutions for petrol station canopies and low bay applications. These ultra-efficient retrofit LED fixtures are the latest development of the Philips Mini 300 range offering outstanding light quality, effective thermal management, and long lifespan. Reduced maintenance, replacement and energy costs also mean a short payback period, making Mini 300 LED gen2 a shining example of how businesses can save money without compromising on light quality by opting for energy efficient LED products. The integrated movement detector, daylight sensor and scheduler options enables further energy savings. Our Mini 300 LED gen2 app gives users control in ways that are simply not possible with other luminaires – reading status, managing and controlling lighting from ground level using a laptop or Smartphone via Bluetooth - removing the need for access cranes or ladders.

Product data

| General Information | | Warranty period | |
|--------------------------|-----------------------------------|--------------------------------|----------------------------------|
| Lamp family code | ECO151 [LED EconomyLine 15100 lm] | Flammability mark | - |
| Light source replaceable | Yes | ENEC mark | ENEC mark |
| Number of gear units | 1 unit | Glow-wire test | Temperature 960 °C, duration 5 s |
| Driver included | Yes | EU RoHS compliant | No |
| Photocell | Photocell included | Light Technical | |
| Light source engine type | LED | Upward light output ratio | 0 |
| Product family code | BBP400 [Mini300 LED gen2] | Luminous Flux | 15,800 lm |
| Lighting Technology | LED | Standard tilt angle posttop | 0° |
| Embedded control | Movement detection unit | Standard tilt angle side entry | 0° |
| CE mark | Yes | | |

Mini 300 LED gen2

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|------------------------------------|----------------|
| Correlated Color Temperature (Nom) | 5700 K |
| Luminous Efficacy (rated) (Nom) | 124 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 60 |
| Light source color | 757 cool white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 140° x 70° |
| Optic type outdoor | Asymmetrical |

Operating and Electrical

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|--|----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 108 W |
| Power Factor (Fraction) | 0.98 |
| Connection | Screw connection block 3-pole |
| Cable | Cable 2.0 m with screw connector |
| Number of products on MCB of 16 A type B 8 | |

Temperature

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|---------------------------|---------------|
| Ambient temperature range | -30 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit regulating external |
| Control interface | - |
| Constant light output | No |

Mechanical and Housing

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|------------------------|-------------|
| 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 |

| | |
|-------------------------------------|-------------------|
| 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

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| 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)

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

Over Time Performance (IEC Compliant)

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|-------------------------------|-------|
| Driver failure rate at 5000 h | 0.1 % |
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Application Conditions

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|-------------------|-----|
| Maximum dim level | 10% |
|-------------------|-----|

Product Data

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|---------------------------------|---|
| Order product name | BBP400 ECO151-3S/757 I A WH MSP MDU MWS |
| Full product name | BBP400 ECO151-3S/757 I A WH MSP MDU MWS |
| Full product code | 871829187826100 |
| Order code | 910930205348 |
| Material Nr. (12NC) | 910930205348 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291878261 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291878261 |

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Dimensional drawing

