



Mini 300 LED gen2

BCS400 GRN94-3S/757 I PRM WH MDU

Mini300 LED gen2, 64, LED GreenLine 9400 lm, LED, 65 W, Power supply unit regulating external, Petrol rotational symmetric medium, Flat glass, 114°, Movement detection unit

The Mini 300 LED gen2 luminaires provides highly efficient, controllable and manageable lighting solutions for petrols 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 | | | |
|--------------------------|-------------------------------|----------------------------|----------------------------------|
| Lamp family code | GRN94 [LED GreenLine 9400 lm] | CE mark | Yes |
| Light source replaceable | Yes | Warranty period | 5 years |
| Number of gear units | Unit | Flammability mark | - |
| Driver included | Yes | ENEC mark | ENEC mark |
| Photocell | - | Glow-wire test | Temperature 960 °C, duration 5 s |
| Light source engine type | LED | EU RoHS compliant | No |
| Product family code | BCS400 [Mini300 LED gen2] | Light Technical | |
| Lighting Technology | LED | Upwards light output ratio | 0 |
| Embedded control | Movement detection unit | Luminous Flux | 9,900 lm |

Mini 300 LED gen2

| | |
|----------------------------------|------------------------------------|
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Colour Temperature | 5700 K |
| Luminous efficacy (rated) (nom.) | 138 lm/W |
| Colour rendering index (CRI) | ≥70 |
| Number of light sources | 64 |
| Light source colour | 757 cool white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 114° |
| Optic type outdoor | Petrol rotational symmetric medium |

Operating and Electrical

| | |
|------------------------------------------|-------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 65 W |
| Power Factor (Fraction) | 0.96 |
| Connection | Screw connection block 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 8 |

Temperature

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

| | |
|-----------------------------|-----------|
| Housing material | Aluminium |
| Reflector material | - |
| Optic material | Acrylate |
| Optical cover/lens material | Glass |
| Fixation material | Aluminium |
| Housing Colour | White |
| Mounting device | - |

| | |
|-------------------------------------|--------------------|
| Optical cover/lens shape | Convex lens |
| Optical cover/lens finish | Clear |
| Overall length | 374 mm |
| Overall width | 374 mm |
| Overall height | 152 mm |
| Effective projected area | 0 m² |
| Dimensions (height x width x depth) | 152 x 374 x 374 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 |

Over Time Performance (IEC Compliant)

| | |
|------------------------------------|-------|
| Driver failure rate at 5,000 hours | 0.1 % |
|------------------------------------|-------|

Application Conditions

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

Product Data

| | |
|-----------------------------------|----------------------------------|
| Order product name | BCS400 GRN94-3S/757 I PRM WH MDU |
| Full product name | BCS400 GRN94-3S/757 I PRM WH MDU |
| Full EOC | 871829106853200 |
| Order code | 06853200 |
| Material no. (12 NC) | 910930205595 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718291068532 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718291068532 |

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Dimensional drawing

