PHILIPS Lighting



Mini 300 LED gen2

BCS400 GRN94-3S/757 I A WH MDU

Mini300 LED gen2, 64, LED GreenLine 9400 lm, LED, 65 W, Power supply unit regulating external, Asymmetrical, Flat glass, 140° x 70°, Movement detection unit

The Mini 300 LED gen2 luminaires provides highly efficient, controlable 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 enabls 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] |
| Light source replaceable | Yes |
| Number of gear units | Unit |
| Driver included | Yes |
| Photocell | _ |
| Light source engine type | LED |
| Product family code | BCS400 [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 | |
| Upwards light output ratio | 0 |
| Luminous Flux | 9,900 lm |
| | |

Mini 300 LED gen2

Operating and Electrical

Input Voltage

Line Frequency

Power Consumption

Power Factor (Fraction)

Number of products on MCB of 16 A type B 8

Inrush current

Inrush time

Connection

Temperature

Reflector material Optic material

Fixation material

Housing Colour

Mounting device

Optical cover/lens material

Ambient temperature range

Cable

| Standard tilt angle post-top | O° |
|----------------------------------|----------------|
| Standard tilt angle side entry | O° |
| 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 | 140° x 70° |
| Optic type outdoor | Asymmetrical |

| 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] |

Convex lens

Safety class I

Philips standard surge-protection level

| | Mech. impact protection code |
|--------------|--|
| | Surge Protection (Common/Differential) |
| 220 to 240 V | Protection class IEC |
| 50 to 60 Hz | |

| 50 10 00 112 | | |
|-------------------------------|---------------------------------------|------------------------|
| 53 A | Initial Performance (IEC Compliant) | |
| 0.3 ms | Luminous flux tolerance | +/-7% |
| 65 W | Initial chromaticity | (0.341, 0.329) SDCM <5 |
| 0.96 | Power consumption tolerance | +/-10% |
| Screw connection block 3-pole | Init. Color Rendering Index Tolerance | +/-2 |

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

| | Application | Conditions |
|--|-------------|------------|
|--|-------------|------------|

Optical cover/lens shape

| Maximum | dim | level |
|---------|-----|-------|

| 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 | Aluminium |

Acrylate

Aluminium

Glass

White

_

-30 to +40 °C

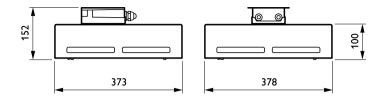
| Product Data | |
|-----------------------------------|--------------------------------|
| Order product name | BCS400 GRN94-3S/757 I A WH MDU |
| Full product name | BCS400 GRN94-3S/757 I A WH MDU |
| Full EOC | 871829106865500 |
| Order code | 06865500 |
| Material no. (12 NC) | 910930205608 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718291068655 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718291068655 |
| | |

10%

| Datasheet, 20 | 23. April | 29 |
|---------------|-----------|----|
|---------------|-----------|----|

Mini 300 LED gen2

Dimensional drawing





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