PHILIPS Lighting



Mini 300 LED gen2

BCS400 GRN94-3S/757 I PAM WH MDU

Mini300 LED gen2, 64, LED GreenLine 9400 lm, LED, 65 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 | GRN94 [LED GreenLine 9400 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 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 | |
| Upward light output ratio | 0 |
| Luminous Flux | 9,900 lm |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| | |

Mini 300 LED gen2

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption Power Factor (Fraction)

Number of products on MCB of 16 A type B 8

Inrush time

Connection

Cable

| Correlated Color Temperature (Nom) | 5700 K |
|------------------------------------|--------------------------|
| Luminous Efficacy (rated) (Nom) | 138 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 64 |
| 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

-30 to +40 °C

Screw connection block 3-pole

53 A

0.3 ms 65 W

0.96

_

| Optical cover 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 Co | ompliant) | |
|-------------------------------|-----------|--|
| Driver failure rate at 5000 h | 0.1 % | |
| | | |

| Application Conditions | |
|---------------------------------|----------------------------------|
| Maximum dim level | 10% |
| | |
| Product Data | |
| Order product name | BCS400 GRN94-3S/757 I PAM WH MDU |
| Full product name | BCS400 GRN94-3S/757 I PAM WH MDU |
| Full product code | 871829106861700 |
| Order code | 06861700 |
| Material Nr. (12NC) | 910930205604 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291068617 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291068617 |

Controls and Dimming

Ambient temperature range

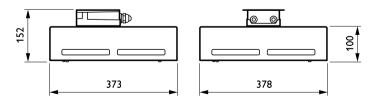
Temperature

| Controls and Dimining | |
|-------------------------------|---------------------------------------|
| 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 | Aluminum |
| Housing Color | White |
| Mounting device | - |
| Optical cover shape | Convex lens |

Dimensional drawing



2

Mini 300 LED gen2



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