PHILIPS Lighting



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, 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

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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	114°
Optic type outdoor	Petrol rotational symmetric medium

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]

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	

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	

Safety class I

Philips standard surge-protection level

Over Time Performance (IEC Compliant)

Surge Protection (Common/Differential)

Driver failure rate at 5,000 hours	0.1%

Application Conditions

Protection class IEC

Maximum dim level

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

-30 to +40 °C

Mechanical	and	Housing

Temperature

Ambient temperature range

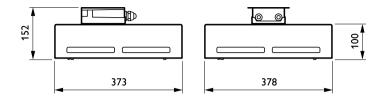
Housing material	Aluminium
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	White
Mounting device	-

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

10%

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Dimensional drawing





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