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%
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	Application	Conditions
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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

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-30 to +40 °C

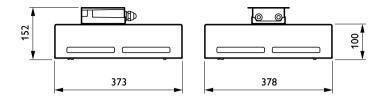
Product Data	
Order product name	BCS400 GRN94-3S/757 I A WH MDU
Full product name	BCS400 GRN94-3S/757 I A WH MDU
Full EOC	871829106865500
Order code	06865500
Material no. (12 NC)	910930205608
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291068655
Numerator – packs per outer box	1
EAN/UPC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

10%

Datasheet, 20	23. April	29
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Mini 300 LED gen2

Dimensional drawing





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