



Mini 300 LED gen2

BCS400 ECO151-3S/757 I A WH

Mini300 LED gen2, 60, LED EconomyLine 15100 lm, LED, 108 W, Power supply unit regulating, Asymmetrical, Flat glass, 140° x 70°

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 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	ECO151 [LED EconomyLine 15100 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	-	Luminous Flux	15,800 lm

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Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	5700 K
Luminous efficacy (rated) (nom.)	124 lm/W
Colour rendering index (CRI)	≥70
Number of light sources	60
Light source colour	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	140° x 70°
Optic type outdoor	Asymmetrical

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	108 W
Power Factor (Fraction)	0.98
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
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
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

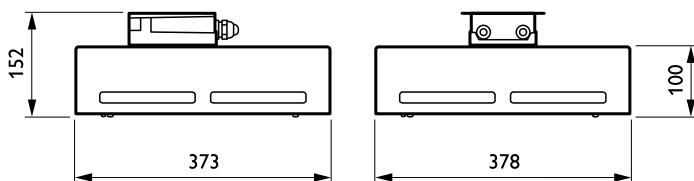
Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.1 %
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Product Data

Order product name	BCS400 ECO151-3S/757 I A WH
Full product name	BCS400 ECO151-3S/757 I A WH
Full EOC	871829106817400
Order code	06817400
Material no. (12 NC)	910930205559
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291068174
Numerator – packs per outer box	1
EAN/UPC - Case	8718291068174

Dimensional drawing



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