



Mini 300 LED gen2

BCS400 ECO151-3S/757 I A WH MSP D9 SNS

Mini300 LED gen2, LED EconomyLine 15100 lm, Asymmetrical

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	ECO151 [LED EconomyLine 15100 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	-
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	15,800 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	≥70
Number of light sources	60

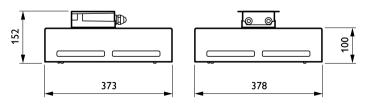
Datasheet, 2023, August 2 data subject to change

Mini 300 LED gen2

Light source color 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 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Control interface DALI Constant light output No Mechanical and Housing Indicate and Housing Housing Material Aluminum Reflector material - Optic material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length </th <th></th> <th></th>		
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 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Optical cover finish Coverall length 374 mm	Light source color	757 cool white
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 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Optical cover type	Flat glass
Operating and Electrical Input Voltage	Luminaire light beam spread	140° x 70°
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 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Optical length 374 mm	Optic type outdoor	Asymmetrical
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 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm		
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Inrush time 0.3 ms Power Consumption 108 W Power Factor (Fraction) 0.98 Connection Screw connection block 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Line Frequency	50 to 60 Hz
Power Consumption 108 W Power Factor (Fraction) 0.98 Connection Screw connection block 5-pole Cable - Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Inrush current	53 A
Power Factor (Fraction) Connection Screw connection block 5-pole Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Housing Color White Mounting device Optical cover shape Optical cover shape Optical cover finish Clear Overall length 374 mm	Inrush time	0.3 ms
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Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Connection	Screw connection block 5-pole
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Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Dimmable	Yes
Constant light output Mechanical and Housing Housing Material Aluminum Reflector material Optic material Optical cover material Glass Fixation material Housing Color White Mounting device Optical cover shape Optical cover finish Clear Overall length No Aluminum White Convex lens Optical cover finish Clear Overall length	Driver/power unit/transformer	Power supply unit with DALI interface
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 Optical cover finish Clear Overall length 374 mm	Control interface	DALI
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 Optical cover finish Clear Overall length 374 mm	Constant light output	No
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 Optical cover finish Clear Overall length 374 mm		
Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Mechanical and Housing	
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Optical cover material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Reflector material	-
Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Optic material	Acrylate
Housing Color Mounting device - Optical cover shape Optical cover finish Overall length White - Convex lens Clear 374 mm	Optical cover material	Glass
Mounting device - Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Fixation material	Aluminum
Optical cover shape Convex lens Optical cover finish Clear Overall length 374 mm	Housing Color	White
Optical cover finish Clear Overall length 374 mm	Mounting device	-
Overall length 374 mm	Optical cover shape	Convex lens
	Optical cover finish	Clear
Overall width 374 mm	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 Compli	ant)
Driver failure rate at 5000 h	0.1 %
Application Conditions	
Maximum dim level	0% (digital)
Product Data	
Order product name	BCS400 ECO151-3S/757 I A WH MSP D9
	SNS
Full product name	BCS400 ECO151-3S/757 I A WH MSP D9
	SNS
Full product code	871829189311000
Order code	910930205405
Material Nr. (12NC)	910930205405
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Numerator - Quantity Per Pack	1
Numerator - Quantity Per Pack EAN/UPC - Product/Case	1 8718291893110
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Dimensional drawing



Mini 300 LED gen2



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