



Mini 300 LED gen2

BVS400 ECO151-3S/757 I S WH

Mini300 LED gen2, 60, LED EconomyLine 15100 lm, LED, 108 W, Power supply unit regulating, Symmetrical, Flat glass, 18°

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	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	BVS400 [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

Datasheet, 2023, September 4 data subject to change

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Color rendering index (CRI) 270 Number of light sources 60 Light source color 757 cool white Optical cover type Flat glass Luminaire light beam spread 18° Optic type outdoor Symmetrical Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 53 A 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 Cable O.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Steel Housing Color White Mounting device - Optical cover shape Convex lens		
Light source color 757 cool white Optical cover type Flat glass Luminaire light beam spread 18° Optic type outdoor Symmetrical 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 Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Color rendering index (CRI)	≥70
Optical cover type Flat glass Luminaire light beam spread 18° Optic type outdoor Symmetrical 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 Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Number of light sources	60
Luminaire light beam spread Optic type outdoor Symmetrical 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) Cable Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B No Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output No Mechanical and Housing Housing Material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device So to 240 V Line Frequency 50 to 60 Hz 108 W Power Con Hz 108 W Power Con Hz 108 W Power connection block 3-pole Cable 0.45 m with connector 3-pole No Temperature An bien 108 W No Aluminum Reflector material Aluminum Glass Fixation material Steel Housing Color White Mounting device	Light source color	757 cool white
Optic type outdoor Symmetrical 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 Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output No Mechanical and Housing Housing Material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device	Optical cover type	Flat glass
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 Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Luminaire light beam spread	18°
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 Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Optic type outdoor	Symmetrical
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 Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -		
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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 Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Input Voltage	220 to 240 V
Inrush time 0.3 ms Power Consumption 108 W Power Factor (Fraction) 0.98 Connection Screw connection block 3-pole Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Line Frequency	50 to 60 Hz
Power Consumption 108 W Power Factor (Fraction) 0.98 Connection Screw connection block 3-pole Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Inrush current	53 A
Power Factor (Fraction) Connection Screw connection block 3-pole Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Optic material Optical cover material Glass Fixation material Housing Color White Mounting device -	Inrush time	0.3 ms
Connection Screw connection block 3-pole Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Glass Fixation material Steel Housing Color White Mounting device -	Power Consumption	108 W
Cable Cable 0.45 m with connector 3-pole Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Acrylate Optic material Glass Fixation material Steel Housing Color White Mounting device -	Power Factor (Fraction)	0.98
Number of products on MCB of 16 A type B 8 Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Connection	Screw connection block 3-pole
Temperature Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Cable	Cable 0.45 m with connector 3-pole
Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Number of products on MCB of 16 A type B	8
Ambient temperature range -30 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -		
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Temperature	
Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Ambient temperature range	-30 to +40 °C
Dimmable No Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -		
Driver/power unit/transformer Power supply unit regulating Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Controls and Dimming	
Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Dimmable	No
Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Driver/power unit/transformer	Power supply unit regulating
Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Constant light output	No
Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -		
Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Mechanical and Housing	
Optic material Acrylate Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Housing Material	Aluminum
Optical cover material Glass Fixation material Steel Housing Color White Mounting device -	Reflector material	-
Fixation material Steel Housing Color White Mounting device -	Optic material	Acrylate
Housing Color White Mounting device -	Optical cover material	Glass
Mounting device -	Fixation material	Steel
	Housing Color	White
Optical cover shape Convex lens	Mounting device	-
	Optical cover shape	Convex lens

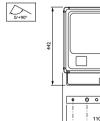
Optical cover finish	Clear
Overall length	440 mm
Overall width	374 mm
Overall height	96 mm
Effective projected area	0 m²
Dimensions (Height x Width x Depth)	96 x 374 x 440 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [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%
Product Data	
Order product name	BVS400 ECO151-3S/757 I S WH
Full product name	BVS400 ECO151-3S/757 I S WH
Full product code	871829106717700
Order code	910930205458
Material Nr. (12NC)	910930205458
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291067177

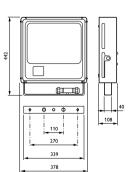
8718291067177

Numerator - Packs per outer box

EAN/UPC - Case

Dimensional drawing





Mini 300 LED gen2



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