



Mini 300 LED gen2

BVS400 ECO121-3S/757 I PRM WH MDU MWS PH

Mini300 LED gen2, LED EconomyLine 12100 lm, Petrol rotational symmetric medium, Movement detection unit, Photocell included

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	ECO121 [LED EconomyLine 12100 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	Photocell included
Light source engine type	LED
Product family code	BVS400 [Mini300 LED gen2]
Lighting Technology	LED
Glow-wire test	Temperature 960 °C, duration 5 s
Flammability mark	-

CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Movement detection unit
Light Technical	
Upward light output ratio	0
Luminous Flux	12,700 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Datasheet, 2023, September 4 data subject to change

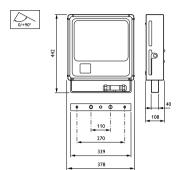
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Converted Color Town evelous (Nove)	F700 I/
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥70
Number of light sources	48
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	114°
Optic type outdoor	Petrol rotational symmetric medium
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	88 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	Cable 0.45 m with connector 5-pole
Number of products on MCB of 16 A type	e B 8
Temperature	
Ambient temperature range	-30 to +40 °C
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	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Housing Color	White
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 IKO8 [5 J vandal-protected] Surge Protection (Common/Differential) Phillips 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 5000 h 0.1 % Application Conditions Maximum dim level 10% Product Data Order product name BVS400 ECO121-3S/757 I PRM WH MDU MWS PH Full product name BVS400 ECO121-3S/757 I PRM WH MDU MWS PH Full product code 910930205446 Material Nr. (12NC) 910930205446 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291909323 Numerator - Packs per outer box 1 EAN/UPC - Case 8718291909323			
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) Phillips 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 5000 h 0.1 % Application Conditions Maximum dim level 10% Product Data Order product name BVS400 EC0121-3S/757 I PRM WH MDU MWS PH Full product code 871829190932300 Order code 910930205446 Material Nr. (12NC) 910930205446 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291909323 Numerator - Packs per outer box 1	Overall length	440 mm	
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Dimensional drawing





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