



Mini 300 LED gen2

BCS400 ECO127-3S/740 II PRM GR CLO D9 SN

Mini300 LED gen2, LED EconomyLine 12700 lm, Petrol rotational symmetric medium, Constant light output

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	ECO127 [LED EconomyLine 12700 lm]	Flammability mark	-
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Glow-wire test	Temperature 960 °C, duration 5 s
Driver included	Yes	EU RoHS compliant	No
Photocell	-	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BCS400 [Mini300 LED gen2]	Luminous Flux	13,300 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Embedded control	Constant light output	Standard tilt angle side entry	0°
CE mark	Yes	Correlated Color Temperature (Nom)	4000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	127 lm/W

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Color rendering index (CRI)	≥70
Number of light sources	56
Light source color	740 neutral 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
Initial CLO power consumption	80.85 W
Average CLO power consumption	92.925 W
End CLO power consumption	105 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	105 W
Power Factor (Fraction)	0.9
Connection	Screw connector
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	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Control interface	DALI
Constant light output	Yes

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Suspension set simple, standard
Optical cover shape	Convex lens

Optical cover 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 II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) 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 %
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Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BCS400 ECO127-3S/740 II PRM GR CLO D9 SN
Full product name	BCS400 ECO127-3S/740 II PRM GR CLO D9 SN
Full product code	871829190937800
Order code	90937800
Material Nr. (12NC)	910930205450
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291909378
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291909378

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Dimensional drawing

