

Mini 300 LED gen2

BCS400 ECO121-3S/757 I PAM WH CLO

Mini300 LED gen2, LED EconomyLine 12100 lm, Petrol asymmetric 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	ECO121 [LED EconomyLine 12100 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
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	Constant light output

Light Technical	
Upward light output ratio	0
Luminous Flux	12,700 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	123 lm/W

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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	104° x 98°
Optic type outdoor	Petrol asymmetric medium

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	67.76 W
Average CLO power consumption	77.88 W
End CLO power consumption	88 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	88 W
Power Factor (Fraction)	0.97
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

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Constant light output	Yes

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
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

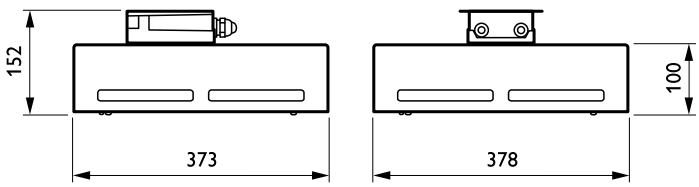
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.1 %

Product Data

Order product name	BCS400 ECO121-3S/757 I PAM WH CLO
Full product name	BCS400 ECO121-3S/757 I PAM WH CLO
Full product code	871829189094200
Order code	910930205393
Material Nr. (12NC)	910930205393
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291890942
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291890942

Dimensional drawing



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