



Mini 300 LED gen2

BCS400 ECO136-3S/757 I PRM WH D9 SNS

Mini300 LED gen2, LED EconomyLine 13600 lm, Petrol rotational symmetric medium

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

ECO136 [LED EconomyLine 13600 lm]
Yes
1 unit
Yes
-
LED
BCS400 [Mini300 LED gen2]
LED
-
Yes
5 years

-
ENEC mark
Temperature 960 °C, duration 5 s
No
0
14,300 lm
O°
O°
5700 K
125 lm/W

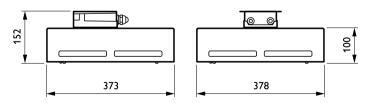
Datasheet, 2023, April 29 data subject to change

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Color rendering index (CRI)	≥70
Number of light sources	56
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	100 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	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%	
Application Conditions		
Maximum dim level	0% (digital)	
Product Data		
Order product name	BCS400 ECO136-3S/757 I PRM WH D9 SNS	
Full product name	BCS400 ECO136-3S/757 I PRM WH D9 SNS	
Full product code	871829187819300	
Order code	87819300	
Material Nr. (12NC)	910930205343	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291878193	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291878193	

Dimensional drawing



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