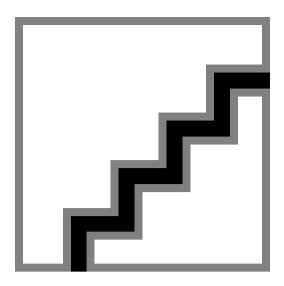
PHILIPS Lighting



Mini 300 LED gen2

BCS400 EC075-3S/757 I PAM WH D9 SNS

Mini300 LED gen2, LED EconomyLine 7500 lm, Petrol asymmetric 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

General Information	
Lamp family code	ECO75 [LED EconomyLine 7500 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	-
Light Technical	
Upward light output ratio	0
Luminous Flux	7,900 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

Mini 300 LED gen2

Color rendering index (CRI)>70Number of light sources32Light source color757 cool whiteOptical cover typeFlat glassLuminaire light beam spread104" x 98"Optic type outdoorPetrol asymmetric mediumOpticat gand Electrical750 to 60 HzInput Voltage220 to 240 VLine Frequency50 to 60 HzPower Consumption54 WPower Consumption54 WPower Consumption50 tree consult of the consult of th		
Light source color757 cool whiteOptical cover typeFlat glassLuminaire light beam spread104" x 98"Optic type outdoorPetrol asymmetric mediumOperating and Electrical220 to 240 VInput Voltage220 to 240 VLine Frequency50 to 60 HzInrush current46 AInrush time0.25 msPower Consumption54 WPower Consumption50 rew connection block 5-poleCannectionScrew connection block 5-poleCable-Temperature-30 to +40 °CMubient temperature range-30 to +40 °CDirwer/power unit/transformerPower supply unit with DALI interfaceDriver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIConstant light outputAluminumReflector material-Optical cover materialGlassFixation materialAluminumHousing ColorWhiteMounting device-Optical cover shapeConvex lens	Color rendering index (CRI)	≥70
Optical cover typeFlat glassLuminaire tight beam spread104° x 98°Optic type outdoorPetrol asymmetric mediumOperating and ElectricalInput VoltageInput Voltage220 to 240 VLine Frequency50 to 60 HzInrush current46 AInrush current0.25 msPower Consumption54 WPower Consumption0.97ConnectionScrew connection block 5-poleCable-Number of products on MCB of 16 A type B1Temperature-30 to +40 °CMabient temperature range-30 to +40 °CDirver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALIControl interfaceAluminumReflector material-And SassFixation materialAluminumAluminumReflector material-Optical cover materialAluminumHousing GolorWhiteMounting device-Optical cover shapeConvex lens	Number of light sources	32
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DimmableYesDriver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIConstant light outputNoMechanical and HousingImage: Constant light outputHousing MaterialAluminumReflector material-Optic materialGlassFixation materialAluminumHousing ColorWhiteMounting device-Optical cover shapeConvex lens		
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Reflector material - Optic material Acrylate Optical cover material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens	Mechanical and Housing	
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Optical cover material Glass Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens	Reflector material	-
Fixation material Aluminum Housing Color White Mounting device - Optical cover shape Convex lens	Optic material	Acrylate
Housing Color White Mounting device - Optical cover shape Convex lens	Optical cover material	Glass
Mounting device - Optical cover shape Convex lens	Fixation material	Aluminum
Optical cover shape Convex lens	Housing Color	White
	Mounting device	-
Optical cover finish Clear	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

0.1%

0% (digital)

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h

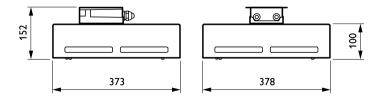
Application Conditions

Maximum dim level

Product Data

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Order product name	BCS400 ECO75-3S/757 I PAM WH D9 SNS
Full product name	BCS400 ECO75-3S/757 I PAM WH D9 SNS
Full product code	871829189115400
Order code	910930205645
Material Nr. (12NC)	910930205645
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291891154
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291891154

Dimensional drawing



Mini 300 LED gen2



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