# **PHILIPS** Lighting



# Mini 300 LED gen2

## BCS400 ECO151-3S/757 I PRM WH MDU PH

Mini300 LED gen2, LED EconomyLine 15100 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	ECO151 [LED EconomyLine 15100 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	BCS400 [Mini300 LED gen2]
Lighting Technology	LED
Embedded control	Movement detection unit
CE mark	Yes

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 960 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	15,800 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

### Mini 300 LED gen2

Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	≥70
Number of light sources	60
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	114°
Optic type outdoor	Petrol rotational symmetric medium

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 Complian	nt)
Luminous flux tolerance	+/-7%

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Initial chromaticity	(0.341, 0.329) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

0.1%

Over Time Performance (IEC Compliant)
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Driver failure rate at 5000 h

EAN/UPC - Case

Application Conditions	
Maximum dim level	10%
Product Data	
Order product name	BCS400 ECO151-3S/757 I PRM WH MDU PH
Full product name	BCS400 ECO151-3S/757 I PRM WH MDU PH
Full product code	871829189651700
Order code	89651700
Material Nr. (12NC)	910930205413

Order code	89651700
Material Nr. (12NC)	910930205413
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291896517
Numerator - Packs per outer box	1

8718291896517

# 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	108 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B 8	

-30 to +40 °C

#### Temperature

Ambient temperature range

Yes
Power supply unit regulating external
-
No
Aluminum
-
Acrylate
Glass
-

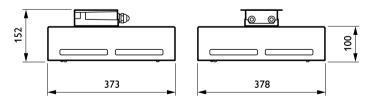
Aluminum White

Convex lens

#### Dimensional drawing

Fixation material

Housing Color Mounting device Optical cover shape



Mini 300 LED gen2



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