



# Mini 300 LED gen2

## BVS400 ECO99-3S/740 I A GR D9 SNS

Mini300 LED gen2, LED EconomyLine 9900 lm, Asymmetrical

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		Light Technical	
Lamp family code	ECO99 [LED EconomyLine 9900 lm]	EU RoHS compliant	No
Light source replaceable	Yes	Embedded control	-
Number of gear units	1 unit	Upward light output ratio	0
Driver included	Yes	Luminous Flux	10,400 lm
Photocell	-	Standard tilt angle posttop	0°
Light source engine type	LED	Standard tilt angle side entry	0°
Product family code	BVS400 [Mini300 LED gen2]	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	122 lm/W
Glow-wire test	Temperature 960 °C, duration 5 s	Color rendering index (CRI)	≥70
Flammability mark	-	Number of light sources	40
CE mark	Yes	Light source color	740 neutral white
ENEC mark	ENEC mark	Optical cover type	Flat glass
Warranty period	5 years		

## Mini 300 LED gen2

Luminaire light beam spread	140° x 70°
Optic type outdoor	Asymmetrical

### 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	85 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	Cable 0.45 m with connector 5-pole
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	Steel
Housing Color	Grey
Mounting device	-
Optical cover shape	Convex lens
Optical cover finish	Clear
Overall length	440 mm
Overall width	374 mm

Overall height	96 mm
Effective projected area	0 m²
Dimensions (Height x Width x Depth)	96 x 374 x 440 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	(0.380, 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 %
-------------------------------	-------

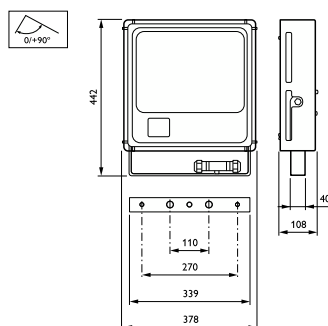
### Application Conditions

Maximum dim level	0% (digital)
-------------------	--------------

### Product Data

Order product name	BVS400 ECO99-3S/740 I A GR D9 SNS
Full product name	BVS400 ECO99-3S/740 I A GR D9 SNS
Full product code	871829190660500
Order code	910930205430
Material Nr. (12NC)	910930205430
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291906605
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291906605

## Dimensional drawing



## Mini 300 LED gen2

