PHILIPS Lighting



Mini 300 LED gen2

BVS400 GRN73-3S/757 I S WH

Mini300 LED gen2, 48, LED GreenLine 7300 lm, LED, 50 W, Power supply unit regulating, Symmetrical, Flat glass, 18°

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	GRN73 [LED GreenLine 7300 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BVS400 [Mini300 LED gen2]
Lighting Technology	LED
Embedded control	-
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	7,700 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	135 lm/W

Mini 300 LED gen2

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption

Power Factor (Fraction)

Number of products on MCB of 16 A type B 11

Inrush time

Connection

Cable

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	18°
Optic type outdoor	Symmetrical

220 to 240 V

50 to 60 Hz

-30 to +40 °C

Screw connection block 3-pole

Cable 0.45 m with connector 3-pole

46 A

0.25 ms

50 W 0.96

Overall width374 mmOverall height96 mmEffective projected area0 m²Dimensions (Height x Width x Depth)96 x 374 x 440 mm

Clear

440 mm

Ingress protection code	IP65 [Dust penetration-protected, jet-pro
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)	
+/-7%	

	7
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)
	i chomanee	(IEC Comptiant)

Driver failure rate at 5000 h

Optical cover finish

Overall length

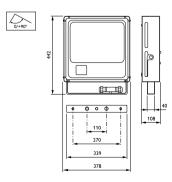
Product Data	
Order product name	BVS400 GRN73-3S/757 I S WH
Full product name	BVS400 GRN73-3S/757 I S WH
Full product code	871829106731300
rder code	910930205472
aterial Nr. (12NC)	910930205472
merator - Quantity Per Pack	1
AN/UPC - Product/Case	8718291067313
lumerator - Packs per outer box	1
AN/UPC - Case	8718291067313

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Housing Color	White
Mounting device	-
Optical cover shape	Convex lens

Dimensional drawing



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