



Mini 300 LED gen2

BCS400 GRN78-3S/740 I PRW BK

Mini300 LED gen2, LED GreenLine 7800 lm, Petrol rotational symmetric wide

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		Flammability mark	
Lamp family code	GRN78 [LED GreenLine 7800 lm]	ENEC mark	ENEC mark
Light source replaceable	Yes	Glow-wire test	Temperature 960 °C, duration 5 s
Number of gear units	1 unit	EU RoHS compliant	No
Driver included	Yes	Light Technical	
Photocell	-	Upward light output ratio	0
Light source engine type	LED	Luminous Flux	8,200 lm
Product family code	BCS400 [Mini300 LED gen2]	Standard tilt angle posttop	0°
Lighting Technology	LED	Standard tilt angle side entry	0°
Embedded control	-	Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	137 lm/W
Warranty period	5 years		

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Color rendering index (CRI)	≥70
Number of light sources	48
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	135°
Optic type outdoor	Petrol rotational symmetric wide

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	60 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-30 to +40 °C
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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	Aluminum
Housing Color	Black
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	(0.380, 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 %
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Product Data

Order product name	BCS400 GRN78-3S/740 I PRW BK
Full product name	BCS400 GRN78-3S/740 I PRW BK
Full product code	871829189287800
Order code	89287800
Material Nr. (12NC)	910930205398
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291892878
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291892878

Dimensional drawing



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