



# Mini 300 LED gen2

### BCS400 GRN78-3S/740 I PRW WH

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	
Lamp family code	GRN78 [LED GreenLine 7800 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
Embedded control	-
CE mark	Yes
Warranty period	5 years
CE mark	· · · ·

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	8,200 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	137 lm/W

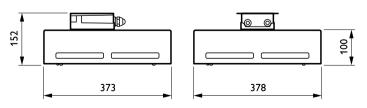
Datasheet, 2023, April 29 data subject to change

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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 ty	pe B 11
Temperature	
Ambient temperature range	-30 to +40 °C
Controls and Dimming	
Controls and Dimming Dimmable	No
	No Power supply unit regulating
Dimmable	
Dimmable  Driver/power unit/transformer	Power supply unit regulating
Dimmable  Driver/power unit/transformer	Power supply unit regulating
Dimmable  Driver/power unit/transformer  Constant light output	Power supply unit regulating
Dimmable Driver/power unit/transformer Constant light output  Mechanical and Housing	Power supply unit regulating No
Dimmable Driver/power unit/transformer Constant light output  Mechanical and Housing Housing Material	Power supply unit regulating No
Dimmable Driver/power unit/transformer Constant light output  Mechanical and Housing Housing Material Reflector material	Power supply unit regulating  No  Aluminum
Dimmable Driver/power unit/transformer Constant light output  Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit regulating  No  Aluminum  - Acrylate
Dimmable Driver/power unit/transformer Constant light output  Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Power supply unit regulating  No  Aluminum  -  Acrylate Glass
Dimmable Driver/power unit/transformer Constant light output  Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Power supply unit regulating  No  Aluminum  -  Acrylate  Glass  Aluminum

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 Compli	ant)
Driver failure rate at 5000 h	0.1 %
Product Data	
Order product name	BCS400 GRN78-3S/740 I PRW WH
Full product name	BCS400 GRN78-3S/740 I PRW WH
Full product code	871829189100000
Order code	89100000
Material Nr. (12NC)	910930205394
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291891000
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291891000
2	

# Dimensional drawing



# Mini 300 LED gen2



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