



Mini 300 LED gen2

BBP400 ECO136-3S/757 I PAM WH MDU MWS CF

Mini300 LED gen2, LED EconomyLine 13600 lm, Petrol asymmetric medium, Movement detection unit

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	ECO136 [LED EconomyLine 13600 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BBP400 [Mini300 LED gen2]
Lighting Technology	LED
Glow-wire test	Temperature 960 °C, duration 5 s
Flammability mark	-
CE mark	Yes

ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Movement detection unit
Light Technical	
Upward light output ratio	0
Luminous Flux	14,300 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	125 lm/W

Datasheet, 2023, September 4 data subject to change

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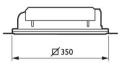
Color rendering index (CRI)	
-	≥70
Number of light sources	56
Light source color	757 cool white
Optical cover type	Flat glass
Luminaire light beam spread	104° x 98°
Optic type outdoor	Petrol asymmetric medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	100 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 5-pole
Cable	Cable 2.0 m with screw connector
Temperature	
Ambient temperature range	-30 to +40 ℃
Controls and Dissuins	
Controls and Dimming	
Di	V
Dimmable	Yes
Driver/power unit/transformer	Yes Power supply unit regulating external
Driver/power unit/transformer Control interface	Power supply unit regulating external
Driver/power unit/transformer	
Driver/power unit/transformer Control interface	Power supply unit regulating external
Driver/power unit/transformer Control interface Constant light output	Power supply unit regulating external
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Power supply unit regulating external - No
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	Power supply unit regulating external No Aluminum
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit regulating external - No Aluminum
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	Power supply unit regulating external - No Aluminum - Acrylate
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Power supply unit regulating external - No Aluminum - Acrylate Glass
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Power supply unit regulating external - No Aluminum - Acrylate Glass Steel
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	Power supply unit regulating external - No Aluminum - Acrylate Glass Steel
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Power supply unit regulating external - No Aluminum - Acrylate Glass Steel White -

Overall width	413 mm	
Overall height	95 mm	
Effective projected area	0 m²	
Dimensions (Height x Width x Depth)	95 x 413 x 413 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	(0.341, 0.329) 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	10%	
Product Data		
Order product name	BBP400 ECO136-3S/757 I PAM WH MDU	
	MWS CF	
Full product name	BBP400 ECO136-3S/757 I PAM WH MDU	
	MWS CF	
Full product code	871829190915600	
Order code	910930205441	
Material Nr. (12NC)	910930205441	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291909156	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291909156	

Dimensional drawing







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