

ClearWay

BGP303 LED84-4S/740 PSU II DM11 C450CE 4

ClearWay, LED module 8400 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, Distribution medium 11, Philips standard surge protection level, Cable 0.45 m with connector 2-pole, Universal for diameter 42 to 60 mm

LED technology represents a breakthrough in lighting in many different respects. The light quality provided by LEDs, for example, has made our roads safer, while the tremendous efficacy of LEDs is helping cities reduce their energy bills. At Philips, we believe we can make even more roads safer, and help more municipalities achieve their goal of reducing energy consumption. That's why we have developed ClearWay – a LED road luminaire that is affordable yet does not compromise on light quality and energy efficiency.

Product data

General Information	
Lamp family code	LED84 [LED module 8400 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Product family code	BGP303 [ClearWay]
Lighting Technology	LED
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No

Light Technical	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° x 62°
Optic type outdoor	Distribution medium 11

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Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	46 A
Inrush time	0.250 ms
Power Consumption	57.3 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 5-pole
Cable	Cable 0.45 m with connector 2-pole
Number of products on MCB of 16 A type B	11

Temperature	
Ambient temperature range	-30 to +35 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Universal for diameter 42 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	481 mm
Overall width	330 mm
Overall height	97 mm
Effective projected area	0.029 m²
Dimensions (Height x Width x Depth)	97 x 330 x 481 mm

Approval and Application	
Ingress protection code	IP66 [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 II

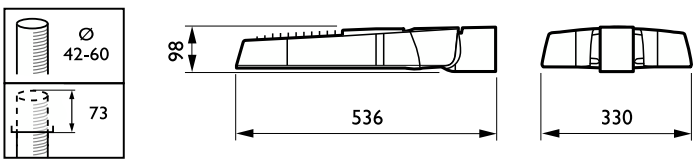
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.5 %

Application Conditions	
Maximum dim level	Not applicable

Product Data	
Order product name	BGP303 LED84-4S/740 PSU II DM11 C450CE 4
Full product name	BGP303 LED84-4S/740 PSU II DM11 C450CE 4
Full product code	871869934901100
Order code	910925864860
Material Nr. (12NC)	910925864860
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699349011
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699349011

Dimensional drawing





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2023, September 4 - data subject to change