



ClearWay

BGP303 LED73-3S/740 PSR II DM D9 C450CE

ClearWay, LED module 7300 lm, 740 neutral white, Power supply unit regulating, Safety class II, Philips standard surge protection level, Cable 0.45 m with connector 4-pole, Spigot for diameter 76 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		Light Technical	
Lamp family code	LED73 [LED module 7300 lm]	Upward light output ratio	0
Light source replaceable	No	Luminous Flux	6,378 lm
Number of gear units	1 unit	Standard tilt angle posttop	0°
Gear	EBD [Electronic regulating DALI]	Standard tilt angle side entry	0°
Driver included	Yes	Correlated Color Temperature (Nom)	4000 K
Photocell	-	Luminous Efficacy (rated) (Nom)	110 lm/W
Light source engine type	LED	Color rendering index (CRI)	>70
Product family code	BGP303 [ClearWay]	Number of light sources	1
Lighting Technology	LED		
Glow-wire test	Temperature 960 °C, duration 5 s		
Flammability mark	For mounting on normally flammable surfaces		
CE mark	Yes		
ENEC mark	ENEC mark		
Warranty period	3 years		
EU RoHS compliant	No		
Embedded control	-		

Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	95° x 160°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	60.6 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	Cable 0.45 m with connector 4-pole
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-30 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	DALI
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	Spigot for diameter 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	536 mm
Overall width	330 mm

Overall height	98 mm
Effective projected area	0.029 m ²
Dimensions (Height x Width x Depth)	98 x 330 x 536 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 %
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Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BGP303 LED73-3S/740 PSR II DM D9 C450CE
Full product name	BGP303 LED73-3S/740 PSR II DM D9 C450CE
Full product code	871829187743100
Order code	910925438902
Material Nr. (12NC)	910925438902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291877431
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291877431

Dimensional drawing

