



# **ClearWay**

## BGP303 LED99-4S/740 PSU I DX10 42/60

ClearWay, LED module 9900 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution extra wide 10, Philips standard surge protection level, 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	LED99 [LED module 9900 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
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EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	8,700 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	136 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Flat glass
Optic type outdoor	Distribution extra wide 10

Datasheet, 2023, September 4 data subject to change

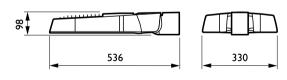
## ClearWay

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	65.8 W	
Power Factor (Fraction)	0.98	
Connection	Screw connection block 5-pole	
Cable	-	
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	Grey	
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 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	0.5 %	
<b>Application Conditions</b>		
Maximum dim level	Not applicable	
Product Data		
Order product name	BGP303 LED99-4S/740 PSU I DX10 42/60	
Full product name	BGP303 LED99-4S/740 PSU I DX10 42/60	
Full product code	871869934916500	
Order code	910925864875	
Material Nr. (12NC)	910925864875	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699349165	
Numerator - Packs per outer box	1	
EAN/UDC Case	0740000010405	
EAN/UPC - Case	8718699349165	

## Dimensional drawing





#### ClearWay



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