



ClearWay

BGP303 LED49-3S/740 PSU I STD 76

ClearWay, LED module 4900 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Philips standard surge protection level, 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	LED49 [LED module 4900 lm]	ENEC mark	ENEC mark
Light source replaceable	No	Glow-wire test	Temperature 960 °C, duration 5 s
Number of gear units	1 unit	EU RoHS compliant	No
Gear	EBP [Electronic Primalume]	Upward light output ratio	0
Driver included	Yes	Luminous Flux	4,328 lm
Photocell	-	Standard tilt angle posttop	0°
Light source engine type	LED	Standard tilt angle side entry	0°
Product family code	BGP303 [ClearWay]	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	101 lm/W
Embedded control	-	Color rendering index (CRI)	>70
CE mark	Yes	Number of light sources	1
Warranty period	5 years	Light source color	740 neutral white
Flammability mark	For mounting on normally flammable surfaces	Optical cover type	Flat glass

Luminaire light beam spread	-
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	42.5 W
Power Factor (Fraction)	0.97
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
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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 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 %
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Product Data

Order product name	BGP303 LED49-3S/740 PSU I STD 76
Full product name	BGP303 LED49-3S/740 PSU I STD 76
Full product code	871829106984300
Order code	06984300
Material Nr. (12NC)	910925438841
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291069843
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291069843

Dimensional drawing



