PHILIPS

Lighting



ClearWay

BGP303 LED120-4S/740 PSU I DX10 76

ClearWay, LED module 12000 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution extra wide 10, 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	
Lamp family code	LED120 [LED module 12000 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
Optic type outdoor	Distribution extra wide 10

Operating and Electrical	
Input Voltage	220-240 V

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Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	53 A
Inrush time	0.300 ms
Power Consumption	83.2 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	8

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	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 m²
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 %

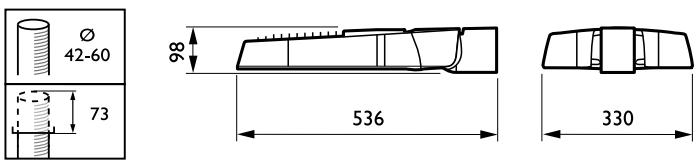
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BGP303 LED120-4S/740 PSU I DX10 76
Full product name	BGP303 LED120-4S/740 PSU I DX10 76
Full product code	871869934919600
Order code	910925864878
Material Nr. (12NC)	910925864878
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699349196
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699349196

Dimensional drawing





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2023, September 4 - data subject to change