



# ClearWay

## BGP303 LED120-4S/740 PSU I DX10 42/60

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, 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		EU RoHS compliant	
Lamp family code	LED120 [LED module 12000 lm]	No	
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		
		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

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
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#### 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

## Dimensional drawing

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 %
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#### Application Conditions

Maximum dim level	Not applicable
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#### Product Data

Order product name	BGP303 LED120-4S/740 PSU I DX10 42/60
Full product name	BGP303 LED120-4S/740 PSU I DX10 42/60
Full product code	871869934918900
Order code	910925864877
Material Nr. (12NC)	910925864877
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699349189
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699349189

